# 1CD-9-CM 2007 CLASSIFICATION OF PROCEDURES

INTERNATIONAL CLASSIFICATION OF DISEASES

9<sup>th</sup> REVISION

CLINICAL MODIFICATION

# **PREFACE**

This sixth edition of the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM) is being published by the United States Government in recognition of its responsibility to promulgate this classification throughout the United States for morbidity coding. The International Classification of Diseases, 9th Revision, published by the World Health Organization (WHO) is the foundation of the ICD-9-CM and continues to be the classification employed in cause-of-death coding in the United States. The ICD-9-CM is completely comparable with the ICD-9. The WHO Collaborating Center for Classification of Diseases in North America serves as liaison between the international obligations for comparable classifications and the national health data needs of the United States.

The ICD-9-CM is recommended for use in all clinical settings but is required for reporting diagnoses and diseases to all U.S. Public Health Service and the Centers for Medicare & Medicaid Services (formerly the Health Care Financing Administration) programs. Guidance in the use of this classification can be found in the section "Guidance in the Use of ICD-9-CM."

ICD-9-CM extensions, interpretations, modifications, addenda, or errata other than those approved by the U.S. Public Health Service and the Centers for Medicare & Medicaid Services are not to be considered official and should not be utilized. Continuous maintenance of the ICD-9- CM is the responsibility of the Federal Government. However, because the ICD-9-CM represents the best in contemporary thinking of clinicians, nosologists, epidemiologists, and statisticians from both public and private sectors, no future modifications will be considered without extensive advice from the appropriate representatives of all major users.

All official authorized addenda through October 1, 2006, have been included in this sixth edition.

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# INTRODUCTION

The International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM) is based on the official version of the World Health Organization's 9th Revision, International Classification of Diseases (ICD-9). ICD-9 is designed for the classification of morbidity and mortality information for statistical purposes, and for the indexing of hospital records by disease and operations, for data storage and retrieval. The historical background of the International Classification of Diseases may be found in the Introduction to ICD-9 (Manual of the International Classification of Diseases, Injuries, and Causes of Death, World Health Organization, Geneva, Switzerland, 1977).

ICD-9-CM is a clinical modification of the World Health Organization's International Classification of Diseases, 9th Revision (ICD-9). The term "clinical" is used to emphasize the modification's intent: to serve as a useful tool in the area of classification of morbidity data for indexing of medical records, medical care review, and ambulatory and other medical care programs, as well as for basic health statistics. To describe the clinical picture of the patient, the codes must be more precise than those needed only for statistical groupings and trend analysis.

#### THE ICD-9-CM COORDINATION AND MAINTENANCE COMMITTEE

Annual modifications are made to the ICD-9-CM through the ICD-9-CM Coordination and Maintenance Committee (C&M). The Committee is made up of representatives from two Federal Government agencies, the National Center for Health Statistics and the Centers for Medicare & Medicaid Services. The Committee holds meetings twice a year which are open to the public. Modification proposals submitted to the Committee for consideration are presented at the meetings for public discussion. Those modification proposals which are approved are incorporated into the official government version of the ICD-9-CM and become effective for use the October 1 of the year following their presentation.

# CONVENTIONS USED IN THE TABULAR LIST

The ICD-9-CM Tabular List for both the Disease and Procedure Classification makes use of certain abbreviations, punctuation, and other conventions which need to be clearly understood.

#### Abbreviations

- NEC Not elsewhere classifiable. The category number for the term including NEC is to be used only when the coder lacks the information necessary to code the term to a more specific category.
- NOS Not otherwise specified. This abbreviation is the equivalent of "unspecified."

#### Punctuation

- [ ] Brackets are used to enclose synonyms, alternative wordings, or explanatory phrases.
- () Parentheses are used to enclose supplementary words which may be present or absent in the statement of a disease or procedure without affecting the code number to which it is assigned.

: Colons are used in the Tabular List after an incomplete term which needs one or more of the modifiers which follow in order to make it assignable to a given category.

#### OTHER CONVENTIONS

Format: ICD-9-CM uses an indented format for ease in reference.

#### Instructional Notations

#### Includes:

This note appears immediately under a three-digit code title to further define, or give example of, the contents of the category.

#### **Excludes:**

Terms following the word "excludes" are to be coded elsewhere. The term excludes means "DO NOT CODE HERE".

#### Use additional code

This instruction is placed in the Tabular List in those categories where the user will need to add further information (by using an additional code) to give a more complete picture of the diagnosis or procedure.

#### **GUIDANCE IN THE USE OF ICD-9-CM**

To code accurately, it is necessary to have a working knowledge of medical terminology and to understand the characteristics, terminology, and conventions of the ICD-9-CM. Transforming verbal descriptions of diseases, injuries, conditions, and procedures into numerical designations (coding) is a complex activity and should not be undertaken without proper training.

Originally coding was accomplished to provide access to medical records by diagnoses and operations through retrieval for medical research, education, and administration. Medical codes today are utilized to facilitate payment of health services, to evaluate utilization patterns, and to study the appropriateness of health care costs. Coding provides the bases for epidemiological studies and research into the quality of health care.

Coding must be performed correctly and consistently to produce meaningful statistics to aid in the planning for the health needs of the Nation.

#### **OUESTIONS**

Questions regarding the use and interpretation of the International Classification of Diseases, 9th Revision, Clinical Modification can be directed to any of the organizations listed below.

#### Central Office on ICD-9-CM

American Hospital Association 1 North Franklin Chicago, Illinois 60606

# National Center for Health Statistics

Centers for Disease Control and Prevention Department of Health and Human Services 3311 Toledo Road Hyattsville, Maryland 20782 Centers for Medicare & Medicaid Services Division of Prospective Payment System Office of Hospital Policy 7500 Security Blvd., C5-06-27 Baltimore, Maryland 21244-1850

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**CLASSIFICATION OF PROCEDURES** 

# 0. PROCEDURES AND INTERVENTIONS . NOT ELSEWHERE CLASSIFIED (00)

# 00 Procedures and interventions. Not Elsewhere Classified

# 00.0 Therapeutic ultrasound

Excludes: diagnostic ultrasound (non-invasive) (88.71-88.79) intracardiac echocardiography [ICE] (heart chamber(s)) (37.28) intravascular imagina (adjunctive) (00.21-00.29)

# 00.01 Therapeutic ultrasound of vessels of head and neck

Anti-restenotic ultrasound Intravascular non-ablative ultrasound

Excludes: diagnostic ultrasound of: eye (95.13) head and neck (88.71) that of inner ear (20.79)ultrasonic:

angioplasty of non-coronary vessel (39.50) embolectomy (38.01, 38.02) endarterectomy (38.11, 38.12) thrombectomy (38.01, 38.02)

# 00.02 Therapeutic ultrasound of heart ®

Anti-restenotic ultrasound Intravascular non-ablative ultrasound

Excludes: diagnostic ultrasound of heart (88.72) ultrasonic ablation of heart lesion (37.34) ultrasonic angioplasty of coronary vessels (00.66, 36.09)

# 00.03 Therapeutic ultrasound of peripheral vascular vessels

non-coronary vessel (39.50)

Anti-restenotic ultrasound Intravascular non-ablative ultrasound

Excludes: diagnostic ultrasound of peripheral vascular system (88.77) ultrasonic angioplasty of:

# 00.09 Other therapeutic ultrasound

Excludes: ultrasonic:

fraamentation of urinary stones (59.95) percutaneous nephrostomy with fraamentation (55.04) physical therapy (93.35) transurethral guided laser induced prostatectomy (TULIP) (60.21)

#### 00.1 Pharamaceuticals

# 00.10 Implantation of chemotherapeutic agent

Brain wafer chemotherapy Interstitial/intracavitary

Excludes: injection or infusion of cancer chemotherapeutic substance (99.25)



		100 0 011 11 1000 11 110 01 110 010 110 (1 101)
	00.11	Infusion of drotrecogin alfa (activated) Infusion of recombinant protein
	00.12	Administration of inhaled nitric oxide Nitric oxide therapy
	00.13	Injection or infusion of nesiritide Human B-type natriuretic peptide (hBNP)
	00.14	Injection or infusion of oxazolidinone class of antibiotics Linezolid injection
	00.15	High-dose infusion interleukin-2 [IL-2] Infusion (IV bolus, CIV) interleukin Injection of aldesleukin
		Excludes: low-dose infusion interleukin-2 (99.28)
	00.16	Pressurized treatment of venous bypass graft [conduit] with pharmaceutical substance  Ex-vivo treatment of vessel  Hyperbaric pressurized graft [conduit]
	00.17	Infusion of vasopressor agent
	00.18	Infusion of immunosuppressive antibody therapy during induction phase of solid organ transplantation monoclonal antibody therapy polyclonal antibody therapy
00.2	ascular imaging of blood vessels ® dovascular ultrasonography ravascular ultrasound (IVUS) ravascular [ultrasound] imaging of blood vessels	
	Note:	real-time imaging of lumen of blood vessel(s) using sound waves
	Code a	also any synchronous diagnostic or therapeutic procedures
	Exclua	les: therapeutic ultrasound (00.01-00.09) adjunct vascular system procedures, number of vessels treated (00.40-00.43) diagnostic procedures on blood vessels (38.21 - 38.29) diagnostic ultrasound of peripheral vascular system (88.77) magnetic resonance imaging (MRI) (88.91-88.97)
	00.21	Intravascular imaging of extracranial cerebral vessels Common carotid vessels and branches Intravascular ultrasound (IVUS), extracranial cerebral vessels
		Excludes: diagnostic ultrasound (non-invasive) of head and neck (88.71)
	00.22	Intravascular imaging of intrathoracic vessels Aorta and aortic arch Intravascular ultrasound (IVUS), intrathoracic vessels Vena cava (superior) (inferior)

(88.73)

Excludes: diagnostic ultrasound (non-invasive) of other sites of thorax

#### 00.23 Intravascular imaging of peripheral vessels

Imaging of:

vessels of arm(s) vessels of lea(s)

Intravascular ultrasound (IVUS), peripheral vessels

Excludes: diagnostic ultrasound (non-invasive) of peripheral

vascular system (88.77)

#### 00.24 Intravascular imaging of coronary vessels

Intravascular ultrasound (IVUS), coronary vessels

Excludes: diagnostic ultrasound (non-invasive) of heart (88.72) intracardiac echocardiography [ICE] (ultrasound of heart chamber(s)) (37.28)

# 00.25 Intravascular imaging of renal vessels

Intravascular ultrasound (IVUS), renal vessels

Renal artery

Excludes: diagnostic ultrasound (non-invasive) of urinary system (88.75)

# 00.28 Intravascular imaging, other specified vessel(s)

00.29 Intravascular imaging, unspecified vessel(s)

# 00.3 Computer assisted surgery [CAS]

CT-free navigation

Image guided navigation (IGN)

Image guided surgery (IGS)

Imageless navigation

Code also diagnostic or therapeutic procedure

Excludes: stereotactic frame application only (93.59)

- 00.31 Computer assisted surgery with CT/CTA
- 00.32 Computer assisted surgery with MR/MRA
- 00.33 Computer assisted surgery with fluoroscopy
- 00.34 Imageless computer assisted surgery
- 00.35 Computer assisted surgery with multiple datasets
- 00.39 Other computer assisted surgery Computer assisted surgery NOS

#### 00.4 Adjunct Vascular System Procedures

Note: These codes can apply to both coronary and peripheral vessels. These codes are to be used in conjunction with other therapeutic procedure codes to provide additional information on the number of vessels upon which a procedure was performed and/or the number of stents inserted. As appropriate, code both the number of vessels operated on (00.40-00.43), and the number of stents inserted (00.45-00.48).

Code also any:

angioplasty or atherectomy (00.61-00.62, 00.66, 39.50)

endarterectomy (38.10 - 38.18)

insertion of vascular stent(s) (00.55, 00.63-00.65, 36.06 -36.07, 39.90)

other removal of coronary artery obstruction (36.09)

00.40 Procedure on single vessel Number of vessels, unspecified Excludes: (aorto) coronary bypass (36.10 - 36.19) intravascular imaging of blood vessels (00.21-00.29) 00.41 Procedure on two vessels Excludes: (aorto) coronary bypass (36.10 - 36.19) intravascular imaging of blood vessels (00.21-00.29) 00.42 Procedure on three vessels Excludes: (aorto) coronary bypass (36.10 - 36.19) intravascular imagina of blood vessels (00.21-00.29) 00.43 Procedure on four or more vessels Excludes: (aorto) coronary bypass (36.10 - 36.19) intravascular imaging of blood vessels (00.21-00.29) 00.44 Procedure on vessel bifurcation Note: This code is to be used to identify the presence of a vessel bifurcation; it does not describe a specific bifurcation stent. Use this code only once per operative episode, irrespective of the number of bifurcations in vessels. 00.45 Insertion of one vascular stent Number of stents, unspecified 00.46 Insertion of two vascular stents 00.47 Insertion of three vascular stents 00.48 Insertion of four or more vascular stents 00.5 Other cardiovascular procedures 00.50 Implantation of cardiac resynchronization pacemaker without mention of defibrillation, total system [CRT-P] ® Biventricular pacemaker Biventricular pacing without internal cardiac defibrillator BiV pacemaker Implantation of cardiac resynchronization (biventricular) pulse generator pacing device, formation of pocket, transvenous leads including placement of lead into left ventricular coronary venous system, and intraoperative procedures for evaluation of lead signals. That with CRT-P generator and one or more leads Note: Device testing during procedure - omit code Excludes: implantation of cardiac resynchronization defibrillator, total system [CRT-D] (00.51) insertion or replacement of any type pacemaker device (37.80-37.87)replacement of cardiac resynchronization defibrillator pulse aenerator only [CRT-D] (00.54) replacement of cardiac resynchronization pacemaker pulse

generator only [CRT-P] (00.53)

# 00.51 Implantation of cardiac resynchronization defibrillator, total system [CRT-D] ®

**RiV** defibrillator

Biventricular defibrillator

Biventricular pacing with internal cardiac defibrillator **BiV ICD** 

BiV pacemaker with defibrillator

BiV pacing with defibrillator

Implantation of a cardiac resynchronization (biventricular) pulse generator with defibrillator [AICD], formation of pocket, transvenous leads, including placement of lead into left ventricular coronary venous system, intraoperative procedures for evaluation of lead signals, and obtaining defibrillator threshold measurements.

That with CRT-D generator and one or more leads

Note: Device testing during procedure - omit code

Excludes: implantation of cardiac resynchronization pacemaker, total system [CRT-P] (00.50) implantation or replacement of automatic cardioverter/defibrillator, total system [AICD] (37.94)

replacement of cardiac resynchronization defibrillator pulse generator, only [CRT-D] (00.54)

# 00.52 Implantation or replacement of transvenous lead [electrode] into left ventricular coronary venous system

Excludes: implantation of cardiac resynchronization defibrillator, total system [CRT-D] (00.51) implantation of cardiac resynchronization pacemaker, total system [CRT-P] (00.50) initial insertion of transvenous lead [electrode] (37.70-37.72)

replacement of transvenous atrial and/or ventricular lead(s) [electrodes] (37.76)

# 00.53 Implantation or replacement of cardiac resynchronization pacemaker pulse generator only [CRT-P] ®

Implantation of CRT-P device with removal of any existing CRT-P or other pacemaker device

Note: Device testing during procedure - omit code

Excludes: implantation of cardiac resynchronization pacemaker, total system [CRT-P] (00.50) implantation or replacement of cardiac resynchronization defibrillator pulse generator only [CRT-D] (00.54) insertion or replacement of any type pacemaker device

(37.80-37.87)

# 00.54 Implantation or replacement of cardiac resynchronization defibrillator pulse generator device only [CRT-D] ® Implantation of CRT-D device with removal of any existing CRT-D. CRT-P. pacemaker, or defibrillator device Note: Device testing during procedure - omit code Excludes: implantation of automatic cardioverter/defibrillator pulse aenerator only (37.96) implantation of cardiac resynchronization defibrillator, total system [CRT-D] (00.51) implantation or replacement of cardiac resynchronization pacemaker pulse generator only [CRT-P] (00.53) 00.55 Insertion of drug-eluting peripheral vessel stent(s) ® Endograft(s) Endovascular graft(s) Stent grafts Code also anv: angioplasty or atherectomy of other non-coronary vessels(s) (39.50) number of vascular stents inserted (00.45 - 00.48) number of vessels treated (00.40 - 00.43) procedure on vessel bifurcation (00.44) Excludes: drug-coated peripheral stents, e.g., heparin coated (39.90) insertion of cerebrovascular stent(s) (00.63-00.65) insertion of drug-eluting coronary artery stent (36.07) insertion of non-drug-eluting stent(s): coronary artery (36.06) peripheral vessel (39.90) that for aneurysm repair (39.71 - 39.79) 00.56 Insertion or replacement of implantable pressure sensor (lead) for intracardiac hemodynamic monitoring 🌠 Code also any associated implantation or replacement of monitor (00.57)Excludes: circulatory monitoring (blood gas, arterial or venous pressure, cardiac output and coronary blood flow) (89.60 - 89.69)00.57 Implantation or replacement of subcutaneous device for intracardiac hemodynamic monitoring Implantation of monitoring device with formation of subcutaneous pocket and connection to intracardiac pressure sensor (lead) Code also any associated insertion or replacement of implanted pressure sensor (lead) (00.56)

# 00.6 Procedures on blood vessels (R) 00.61 Percutaneous angioplasty or atherectomy of precerebral (extracranial) vessel(s) (R) Basilar Carotid Vertebral Code also anv: injection or infusion of thrombolytic agent (99.10) percutaneous insertion of carotid artery stent(s) (00.63) percutaneous insertion of other precerebral artery stent(s) (00.64) number of vascular stents inserted (00.45 - 00.48) number of vessels treated (00.40 - 00.43)procedure on vessel bifurcation (00.44) Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50)removal of cerebrovascular obstruction of vessel(s) by open approach (38.01-38.02, 38.11-38.12, 38.31-38.32, 38.41-38.42) 00.62 Percutaneous angioplasty or atherectomy of intracranial vessel(s)® Code also anv: injection or infusion of thrombolytic agent (99.10) percutaneous insertion of intracranial stent(s) (00.65) number of vascular stents inserted (00.45 - 00.48) number of vessels treated (00.40 - 00.43) procedure on vessel bifurcation (00.44) Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50)removal of cerebrovascular obstruction of vessel(s) by open approach (38.01-38.02, 38.11-38.12, 38.31-38.32, 38.41-38.42) 00.63 Percutaneous insertion of carotid artery stent(s) ® Includes the use of any embolic protection device, distal protection device, filter device, or stent delivery system Non-drug-eluting stent Code also anv: number of vascular stents inserted (00.45 - 00.48) number of vessels treated (00.40 - 00.43) percutaneous angioplasty or atherectomy of precerebral vessel(s) (00.61)procedure on vessel bifurcation (00.44)

Excludes: angioplasty or atherectomy of other non-coronary vessel(s)

insertion of drug-eluting peripheral vessel stent(s) (00.55)

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00.64 Percutaneous insertion of other precerebral (extracranial) artery
       stent(s) ®
      Includes the use of any embolic protection device, distal protection
         device, filter device, or stent delivery system
          Basilar stent
          Vertebral stent
            Code also anv:
         number of vascular stents inserted (00.45 - 00.48)
         number of vessels treated (00.40 - 00.43)
         percutaneous angioplasty or atherectomy of precerebral vessel(s)
          (00.61)
          procedure on vessel bifurcation (00.44)
       Excludes: angioplasty or atherectomy of other non-coronary vessel(s)
                 (39.50)
                 insertion of drug-eluting peripheral vessel stent(s) (00.55)
00.65 Percutaneous insertion of intracranial vascular stent(s) ®
       Includes the use of any embolic protection device, distal protection
         device, filter device, or stent delivery system
       Code also anv:
         number of vascular stents inserted (00.45 - 00.48)
         number of vessels treated (00.40 - 00.43)
         percutaneous angioplasty or atherectomy of intracranial vessel(s)
          (00.62)
         procedure on vessel bifurcation (00.44)
      Excludes: anaioplasty or atherectomy of other non-coronary vessel(s)
                 (39.50)
                 insertion of drug-eluting peripheral vessel stent(s) (00.55)
 00.66 Percutaneous transluminal coronary angioplasty [PTCA] or
        coronary atherectomy
          Balloon angioplasty of coronary artery
          Coronary atherectomy
          Percutaneous coronary angioplasty NOS
          PTCA NOS
        Code also anv:
          injection or infusion of thrombolytic agent (99.10)
          insertion of coronary artery stent(s) (36.06-36.07)
          intracoronary artery thrombolytic infusion (36.04)
          number of vascular stents inserted (00.45 - 00.48)
          number of vessels treated (00.40 - 00.43)
          procedure on vessel bifurcation (00.44)
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# 00.7 Other hip procedures

# 00.70 Revision of hip replacement, both acetabular and femoral components

Total hip revision

only (00.73)

Code also anv:

removal of (cement) (joint) spacer (84.57)

type of bearing surface, if known (00.74 - 00.77)

revision of hip replacement, acetabular component only (00.71) revision of hip replacement, femoral component only (00.72) revision of hip replacement, Not Otherwise Specified (81.53) revision with replacement of acetabular liner and/or femoral head

# 00.71 Revision of hip replacement, acetabular component

Partial, acetabular component only

That with:

exchange of acetabular cup and liner exchange of femoral head

Code also any type of bearing surface, if known (00.74 - 00.77)Excludes:

revision of hip replacement, both acetabular and femoral components (00.70)

revision of hip replacement, femoral component (00.72) revision of hip replacement, Not Otherwise Specified (81.53)

revision with replacement of acetabular liner and/or femoral head only (00.73)

# 00.72 Revision of hip replacement, femoral component

Partial, femoral component only

That with:

exchange of acetabular liner exchange of femoral stem and head

Code also any type of bearing surface, if known (00.74 - 00.77)

# Excludes:

revision of hip replacement, acetabular component (00.71) revision of hip replacement, both acetabular and femoral

components (00.70)revision of hip replacement, not otherwise specified (81.53)

revision with replacement of acetabular liner and/or femoral head only (00.73)

# 00.73 Revision of hip replacement, acetabular liner and/or femoral head only

Code also any type of bearing surface, if known (00.74 - 00.77)

- 00.74 Hip replacement bearing surface, metal on polyethylene
- 00.75 Hip replacement bearing surface, metal-on-metal
- 00.76 Hip replacement bearing surface, ceramic-on-ceramic
- 00.77 Hip replacement bearing surface, ceramic-on-polyethylene

8.00		knee and hip procedures  Report up to two components using 00.81 - 00.83 to describe revision of knee replacements. If all three components are revised, report 00.80.
	00.80	Revision of knee replacement, total (all components) Replacement of femoral, tibial, and patellar components (all components) Code also any removal of (cement) (joint) spacer (84.57)
		Excludes: revision of only one or two components (tibial, femoral or patellar component) (00.81 - 00.84)
	00.81	Revision of knee replacement, tibial component Replacement of tibial baseplate and tibial insert (liner)
		Excludes: revision of knee replacement, total (all components) (00.80)
	00.82	Revision of knee replacement, femoral component That with replacement of tibial insert (liner)
		Excludes: revision of knee replacement, total (all components) (00.80)
	00.83	Revision of knee replacement, patellar component <b>Excludes</b> : revision of knee replacement, total (all components) (00.80)
	00.84	Revision of total knee replacement, tibial insert (liner) ** Replacement of tibial insert (liner)
		Excludes: that with replacement of tibial component (tibial baseplate and liner) (00.81)
	00.85	Resurfacing hip, total, acetabulum and femoral head ####################################
	00.86	Resurfacing hip, partial, femoral head Hip resurfacing arthroplasty, NOS Hip resurfacing arthroplasty, partial, femoral head
		Excludes: that with resurfacing of acetabulum (00.85)
	00.87	Resurfacing hip, partial, acetabulum
		Excludes: that with resurfacing of femoral head (00.85)
00.9	Othe	procedures and interventions
	00.91	Transplant from live related donor
		Code also organ transplant procedure
	00.92	Transplant from live non-related donor Code also organ transplant procedure
	00.93	Transplant from cadaver Code also organ transplant procedure

#### 1. OPERATIONS ON THE NERVOUS SYSTEM (01-05)

# Incision and excision of skull, brain, and cerebral meninges

# 01.0 Cranial puncture

# 01.01 Cisternal puncture

Cisternal tap

Excludes: pneumocisternogram (87.02)

01.02 Ventriculopuncture through previously implanted catheter Puncture of ventricular shunt tubing

# 01.09 Other cranial puncture

Aspiration of: subarachnoid space subdural space Cranial aspiration NOS Puncture of anterior fontanel Subdural tap (through fontanel)

# 01.1 Diagnostic procedures on skull, brain, and cerebral meninges

- 01.11 Closed [percutaneous] [needle] biopsy of cerebral meninges Burr hole approach
- 01.12 Open biopsy of cerebral meninges
- 01.13 Closed [percutaneous] [needle] biopsy of brain Burr hole approach Stereotactic method
- 01.14 Open biopsy of brain
- 01.15 Biopsy of skull
- 01.18 Other diagnostic procedures on brain and cerebral meninges

```
Excludes: cerebral:
           arteriography (88.41)
           thermography (88.81)
         contrast radiogram of brain (87.01-87.02)
         echoencephalogram (88.71)
         electroencephalogram (89.14)
         microscopic examination of specimen from nervous system
           and of spinal fluid (90.01-90.09)
         neurologic examination (89.13)
         phlebography of head and neck (88.61)
         pneumoencephalogram (87.01)
         radioisotope scan:
           cerebral (92.11)
           head NEC (92.12)
         tomography of head:
           C.A.T. scan (87.03)
           other (87.04)
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01.19 Other diagnostic procedures on skull

# Excludes: transillumination of skull (89.16) x-ray of skull (87.17) 01.2 Craniotomy and craniectomy Excludes: decompression of skull fracture (02.02) exploration of orbit (16.01-16.09) that as operative approach -- omit code 01.21 Incision and drainage of cranial sinus 01.22 Removal of intracranial neurostimulator lead(s) Code also any removal of neurostimulator pulse generator (86.05) Excludes: removal with synchronous replacement (02.93) 01.23 Reopening of craniotomy site 01.24 Other craniotomy Cranial. decompression exploration trephination Craniotomy NOS Craniotomy with removal of: epidural abscess extradural hematoma foreign body of skull Excludes: removal of foreign body with incision into brain (01.39) 01.25 Other craniectomy Debridement of skull NOS Sequestrectomy of skull Excludes: debridement of compound fracture of skull (02.02) strip craniectomy (02.01) 01.26 Insertion of catheter(s) into cranial cavity or tissue Code also any concomitant procedure (e.g. resection (01.59)) Excludes: placement of intracerebral catheter(s) via burr hole(s) (01.28) 01.27 Removal of catheter(s) from cranial cavity or tissue 01.28 Placement of intracerebral catheter(s) via burr hole(s) Convection enhanced delivery Stereotactic placement of intracerebral catheter(s) Code also infusion of medication Excludes: insertion of catheter(s) into cranial cavity or tissue(s) (01.26) 01.3 Incision of brain and cerebral meninges 01.31 Incision of cerebral meninges Drainage of: intracranial hygroma subarachnoid abscess (cerebral) subdural empyema 22 OR procedure Non OR procedure but affects ThaiDRG

# 01.32 Lobotomy and tractotomy

Division of:

brain tissue

cerebral tracts

Percutaneous (radiofrequency) cingulotomy

# 01.39 Other incision of brain

Amvadalohippocampotomy

Drainage of intracerebral hematoma

Incision of brain NOS

Excludes: division of cortical adhesions (02.91)

# 01.4 Operations on thalamus and globus pallidus

#### 01.41 Operations on thalamus

Chemothalamectomy

Thalamotomy

Excludes: that by stereotactic radiosurgery (92.30 - 92.39)

# 01.42 Operations on globus pallidus

Pallidoansectomy

Pallidotomy

Excludes: that by stereotactic radiosurgery (92.30 - 92.39)

# 01.5 Other excision or destruction of brain and meninges

# 01.51 Excision of lesion or tissue of cerebral meninges

Decortication of (cerebral) meninges

Resection of (cerebral) meninges

Stripping of subdural membrane of (cerebral) meninges

Excludes: biopsy of cerebral meninges (01.11-01.12)

# 01.52 Hemispherectomy

# 01.53 Lobectomy of brain

# 01.59 Other excision or destruction of lesion or tissue of brain

Curettage of brain

Debridement of brain

Marsupialization of brain cyst

Transtemporal (mastoid) excision of brain tumor

Excludes: biopsy of brain (01.13-01.14)

that by stereotactic radiosurgery (92.30 - 92.39)

# 01.6 Excision of lesion of skull

Removal of granulation tissue of cranium

Excludes: biopsy of skull (01.15)

sequestrectomy (01.25)

02	Other	operations on skull, brain, and cerebral meninges	
02.0	Cranioplasty Excludes: that with synchronous repair of encephalocele (02.12)		
	02.01	Opening of cranial suture Linear craniectomy Strip craniectomy	
	02.02	Elevation of skull fracture fragments Debridement of compound fracture of skull Decompression of skull fracture Reduction of skull fracture	
		Code also any synchronous debridement of brain (01.59)	
		Excludes: debridement of skull NOS (01.25) removal of granulation tissue of cranium (01.6)	
	02.03	Formation of cranial bone flap Repair of skull with flap	
	02.04	Bone graft to skull Pericranial graft (autogenous) (heterogenous)	
	02.05	Insertion of skull plate Replacement of skull plate	
	02.06	Other cranial osteoplasty Repair of skull NOS Revision of bone flap of skull	
	02.07	Removal of skull plate	
		Excludes: removal with synchronous replacement (02.05)	
02.1		of cerebral meninges es: marsupialization of cerebral lesion (01.59)	
	02.11	Simple suture of dura mater of brain	
	02.12	Other repair of cerebral meninges Closure of fistula of cerebrospinal fluid Dural graft Repair of encephalocele including synchronous cranioplasty Repair of meninges NOS Subdural patch	
	02.13	Ligation of meningeal vessel Ligation of: longitudinal sinus middle meningeal artery	
	02.14	Choroid plexectomy Cauterization of choroid plexus	
02.2	Ana C C Ins	iculostomy astomosis of ventricle to: cervical subarachnoid space cisterna magna ertion of Holter valve	
	ver	ntriculocisternal intubation	
24		OR procedure Non OR procedure but affects ThaiDRG	

<b>023</b>	Extracranial	l ventricular	chunt
UZ.3	EXLIACIAIIIA	ı venilikular	SHUHL

Includes: that with insertion of valve

# 02.31 Ventricular shunt to structure in head and neck

Ventricle to nasopharynx shunt Ventriculomastoid anastomosis

# 02.32 Ventricular shunt to circulatory system

Ventriculoatrial anastomosis Ventriculocaval shunt

# 02.33 Ventricular shunt to thoracic cavity

Ventriculopleural anastomosis

# 02.34 Ventricular shunt to abdominal cavity and organs

Ventriculocholecystostomy Ventriculoperitoneostomy

# 02.35 Ventricular shunt to urinary system

Ventricle to ureter shunt

# 02.39 Other operations to establish drainage of ventricle

Ventricle to bone marrow shunt Ventricular shunt to extracranial site NEC

# 02.4 Revision, removal, and irrigation of ventricular shunt

Excludes: revision of distal catheter of ventricular shunt (54.95)

# 02.41 Irrigation and exploration of ventricular shunt

Exploration of ventriculoperitoneal shunt at ventricular site Re-programming of ventriculoperitoneal shunt

# 02.42 Replacement of ventricular shunt

Reinsertion of Holter valve Replacement of ventricular catheter Revision of ventriculoperitoneal shunt at ventricular site

#### 02.43 Removal of ventricular shunt

# 02.9 Other operations on skull, brain, and cerebral meninges

Excludes: operations on:

pineal gland (07.17, 07.51-07.59)

pituitary gland [hypophysis] (07.13-07.15, 07.61-07.79)

- 02.91 Lysis of cortical adhesions
- 02.92 Repair of brain

# 02.93 Implantation or replacement of intracranial neurostimulator lead(s) ®

Implantation, insertion, placement, or replacement of intracranial:

brain pacemaker [neuropacemaker]

depth electrodes

epidural peas

electroencephalographic receiver

foramen ovale electrodes

intracranial electrostimulator

subdural grids

subdural strips

Code also any insertion of neurostimulator pulse generator (86.94-86.98)



02.94 Insertion or replacement of skull tongs or halo traction device

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02.95 Removal of skull tongs or halo traction device
     02.96 Insertion of sphenoidal electrodes
     02.99 Other
            Excludes: chemical shock therapy (94.24)
                     electroshock therapy:
                       subconvulsive (94.26)
                       other (94.27)
03 Operations on spinal cord and spinal canal structures
     Code also any application or administration of an adhesion barrier substance
       (99.77)
03.0 Exploration and decompression of spinal canal structures
     03.01 Removal of foreign body from spinal canal
     03.02 Reopening of laminectomy site
     03.09 Other exploration and decompression of spinal canal
             Decompression:
               laminectomy
               laminotomy
             Expansile laminoplasty
             Exploration of spinal nerve root
             Foraminotomy
            Excludes: drainage of spinal fluid by anastomosis (03.71-03.79)
                     laminectomy with excision of intervertebral disc (80.51)
                     spinal tap (03.31)
                     that as operative approach -- omit code
03.1 Division of intraspinal nerve root
        Rhizotomy
03.2 Chordotomy
     03.21 Percutaneous chordotomy
             Stereotactic chordotomy
     03.29 Other chordotomy
             Chordotomy NOS
             Tractotomy (one-stage) (two-stage) of spinal cord
             Transection of spinal cord tracts
03.3 Diagnostic procedures on spinal cord and spinal canal structures
     03.31 Spinal tap
             Lumbar puncture for removal of dve
            Excludes: lumbar puncture for injection of dye [myelogram] (87.21)
     03.32 Biopsy of spinal cord or spinal meninges
     03.39 Other diagnostic procedures on spinal cord and spinal canal
            structures
            Excludes: microscopic examination of specimen from nervous system
                      or of spinal fluid (90.01-90.09)
                     x-ray of spine (87.21-87.29)
26
            OR procedure
                                 Non OR procedure but affects ThaiDRG
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# 03.4 Excision or destruction of lesion of spinal cord or spinal meninges

Curettage of spinal cord or spinal meninges

Debridement of spinal cord or spinal meninges

Marsupialization of cyst of spinal cord or spinal meninges

Resection of spinal cord or spinal meninges

Excludes: biopsy of spinal cord or meninges (03.32)

#### 03.5 Plastic operations on spinal cord structures

- 03.51 Repair of spinal meningocele Repair of meningocele NOS
- 03.52 Repair of spinal myelomeningocele

# 03.53 Repair of vertebral fracture ®

Elevation of spinal bone fragments Reduction of fracture of vertebrae

Removal of bony spicules from spinal canal

Excludes: kyphoplasty (81.66) vertebroplasty (81.65)

# 03.59 Other repair and plastic operations on spinal cord structures

Repair of:

diastematomvelia

spina bifida NOS

spinal cord NOS

spinal meninges NOS

vertebral arch defect

# 03.6 Lysis of adhesions of spinal cord and nerve roots

# 03.7 Shunt of spinal theca

Includes: that with valve

- 03.71 Spinal subarachnoid-peritoneal shunt
- 03.72 Spinal subarachnoid-ureteral shunt
- 03.79 Other shunt of spinal theca

Lumbar-subarachnoid shunt NOS Pleurothecal anastomosis

Salpingothecal anastomosis

# 03.8 Injection of destructive agent into spinal canal

# 03.9 Other operations on spinal cord and spinal canal structures

# 03.90 Insertion of catheter into spinal canal for infusion of therapeutic or palliative substances

Insertion of catheter into epidural, subarachnoid, or subdural space of spine with intermittent or continuous infusion of drug (with creation of any reservoir)

Code also any implantation of infusion pump (86.06)

# 03.91 Injection of anesthetic into spinal canal for analgesia

Excludes: that for operative anesthesia -- omit code

	03.92	Injection of other agent into spinal canal Intrathecal injection of steroid Subarachnoid perfusion of refrigerated saline		
		Excludes: injection of:  contrast material for myelogram (87.21)  destructive agent into spinal canal (03.8)		
	03.93	Implantation or replacement of spinal neurostimulator lead(s) ® Code also any insertion of neurostimulator pulse generator (86.94-86.98)		
	03.94	Removal of spinal neurostimulator lead(s) Code also any removal of neurostimulator pulse generator (86.05)		
	03.95	Spinal blood patch		
	03.96	Percutaneous denervation of facet		
	03.97	Revision of spinal thecal shunt		
	03.98	Removal of spinal thecal shunt		
	03.99	Other		
04	Opera	tions on cranial and peripheral nerves		
04.0	1.0 Incision, division, and excision of cranial and peripheral nerves			
	Exclud	es: opticociliary neurectomy <u>(12.79)</u> sympathetic ganglionectomy <u>(05.21-05.29)</u>		
	04.01	Excision of acoustic neuroma That by craniotomy		
		Excludes: that by stereotactic radiosurgery (92.30 - 92.39)		
	04.02	Division of trigeminal nerve Retrogasserian neurotomy		
	04.03	Division or crushing of other cranial and peripheral nerves		
		Excludes: that of: glossopharyngeal nerve (29.92) laryngeal nerve (31.91) nerves to adrenal glands (07.42) phrenic nerve for collapse of lung (33.31) vagus nerve (44.00-44.03)		
	04.04	Other incision of cranial and peripheral nerves		
		Gasserian ganglionectomy		
	04.06	Other cranial or peripheral ganglionectomy		
		Excludes: sympathetic ganglionectomy (05.21-05.29)		
	04.07	Other excision or avulsion of cranial and peripheral nerves Curettage of peripheral nerve Debridement of peripheral nerve Resection of peripheral nerve Excision of peripheral neuroma [Morton's]  Excludes: biopsy of cranial or peripheral nerve (04.11-04.12)		
		2		

- 04.1 Diagnostic procedures on peripheral nervous system
  - 04.11 Closed [percutaneous] [needle] biopsy of cranial or peripheral nerve or ganglion
  - 04.12 Open biopsy of cranial or peripheral nerve or ganglion
  - 04.19 Other diagnostic procedures on cranial and peripheral nerves and ganglia

Excludes: microscopic examination of specimen from nervous system (90.01-90.09)

neurologic examination (89.13)

04.2 Destruction of cranial and peripheral nerves

Destruction of cranial or peripheral nerves by:

crvoanalgesia

injection of neurolytic agent

radiofrequency

Radiofrequency ablation

- 04.3 Suture of cranial and peripheral nerves
- 04.4 Lysis of adhesions and decompression of cranial and peripheral nerves
  - 04.41 Decompression of trigeminal nerve root
  - 04.42 Other cranial nerve decompression
  - 04.43 Release of carpal tunnel
  - 04.44 Release of tarsal tunnel
  - 04.49 Other peripheral nerve or ganglion decompression or lysis of adhesions

Peripheral nerve neurolysis NOS

- 04.5 Cranial or peripheral nerve graft
- 04.6 Transposition of cranial and peripheral nerves Nerve transplantation
- 04.7 Other cranial or peripheral neuroplasty
  - 04.71 Hypoglossal-facial anastomosis
  - 04.72 Accessory-facial anastomosis
  - 04.73 Accessory-hypoglossal anastomosis
  - 04.74 Other anastomosis of cranial or peripheral nerve
  - 04.75 Revision of previous repair of cranial and peripheral nerves
  - 04.76 Repair of old traumatic injury of cranial and peripheral nerves
  - 04.79 Other neuroplasty
- 04.8 Injection into peripheral nerve

Excludes: destruction of nerve (by injection of neurolytic agent) (04.2)

- 04.80 Peripheral nerve injection, not otherwise specified
- 04.81 Injection of anesthetic into peripheral nerve for analgesia

Excludes: that for operative anesthesia -- omit code

	04.89	Injection of other agent, except neurolytic		
		Excludes: injection of neurolytic agent (04.2)		
04.9	Other	operations on cranial and peripheral nerves		
	04.91	Neurectasis		
	04.92	Implantation or replacement of peripheral neurostimulator lead(s) $\circledR$		
		Code also any insertion of neurostimulator pulse generator (86.94-86.98)		
	04.93	Removal of peripheral neurostimulator lead(s)		
		Code also any removal of neurostimulator pulse generator (86.05)		
	04.99	Other		
05		tions on sympathetic nerves or ganglia Ides: paracervical uterine denervation <u>(69.3)</u>		
05.0		on of sympathetic nerve or ganglion udes: that of nerves to adrenal glands <u>(07.42)</u>		
05.1	Diagn	ostic procedures on sympathetic nerves or ganglia		
	05.11	Biopsy of sympathetic nerve or ganglion		
	05.19	Other diagnostic procedures on sympathetic nerves or ganglia		
05.2	.2 Sympathectomy			
	05.21	Sphenopalatine ganglionectomy		
	05.22	Cervical sympathectomy		
	05.23	Lumbar sympathectomy		
	05.24	Presacral sympathectomy		
	05.25	Periarterial sympathectomy		
	05.29	Other sympathectomy and ganglionectomy Excision or avulsion of sympathetic nerve NOS Sympathetic ganglionectomy NOS		
		Excludes: biopsy of sympathetic nerve or ganglion (05.11) opticociliary neurectomy (12.79) periarterial sympathectomy (05.25) tympanosympathectomy (20.91)		
05.3	Injecti	on into sympathetic nerve or ganglion		
	Exclud	es: injection of ciliary sympathetic ganglion (12.79)		
	05.31	Injection of anesthetic into sympathetic nerve for analgesia		
	05.32	Injection of neurolytic agent into sympathetic nerve		
	05.39	Other injection into sympathetic nerve or ganglion		
05.8	Other	operations on sympathetic nerves or ganglia		
		Repair of sympathetic nerve or ganglion		
	05.89	Other		
05.9	Other	operations on nervous system		
30		OR procedure Non OR procedure but affects ThaiDRG		

#### 2. OPERATIONS ON THE ENDOCRINE SYSTEM (06-07)

#### 06 Operations on thyroid and parathyroid glands

Includes: incidental resection of hvoid bone

# 06.0 Incision of thyroid field

Excludes: division of isthmus (06.91) 06.01 Aspiration of thyroid field

Percutaneous or needle drainage of thyroid field

Excludes: aspiration biopsy of thyroid (06.11)

drainage by incision (06.09)

postoperative aspiration of field (06.02)

# 06.02 Reopening of wound of thyroid field

Reopening of wound of thyroid field for: control of (postoperative) hemorrhage

examination exploration

removal of hematoma

# 06.09 Other incision of thyroid field

Drainage of hematoma by incision Drainage of thyroglossal tract by incision

Exploration:

neck by incision

thyroid (field) by incision

Removal of foreign body by incision

Thyroidotomy NOS by incision

Excludes: postoperative exploration (06.02) removal of hematoma by aspiration (06.01)

# 06.1 Diagnostic procedures on thyroid and parathyroid glands

# 06.11 Closed [percutaneous] [needle] biopsy of thyroid gland Aspiration biopsy of thyroid

- 06.12 Open biopsy of thyroid gland
- 06.13 Biopsy of parathyroid gland

# 06.19 Other diagnostic procedures on thyroid and parathyroid glands

Excludes: radioisotope scan of: parathyroid (92.13) thyroid (92.01)

soft tissue x-ray of thyroid field (87.09)

# 06.2 Unilateral thyroid lobectomy

Complete removal of one lobe of thyroid (with removal of isthmus or portion of other lobe)

Hemithyroidectomy

Excludes: partial substernal thyroidectomy (06.51)

06.3	Other	partial thyroidectomy	
	06.31	Excision of lesion of thyroid	
		Excludes: biopsy of thyroid (06.11-06.12)	
	06.39	Other Isthmectomy	
		Partial thyroidectomy NOS	
		Excludes: partial substernal thyroidectomy (06.51)	
06.4		lete thyroidectomy	
	Exclud	es: complete substernal thyroidectomy (06.52) that with laryngectomy (30.3-30.4)	
06.5	Subste	ernal thyroidectomy	
	06.50	Substernal thyroidectomy, not otherwise specified	
	06.51	Partial substernal thyroidectomy	
	06.52	Complete substernal thyroidectomy	
06.6	Exc	on of lingual thyroid cision of thyroid by: submental route cransoral route	
06.7	Excision of thyroglossal duct or tract		
06.8	Parathyroidectomy		
	06.81	Complete parathyroidectomy	
	06.89	Other parathyroidectomy Parathyroidectomy NOS Partial parathyroidectomy	
		Excludes: biopsy of parathyroid (06.13)	
06.9	Other	operations on thyroid (region) and parathyroid	
	06.91	<b>Division of thyroid isthmus</b> Transection of thyroid isthmus	
	06.92	Ligation of thyroid vessels	
	06.93	Suture of thyroid gland	
	06.94	Thyroid tissue reimplantation Autotransplantation of thyroid tissue	
	06.95	Parathyroid tissue reimplantation Autotransplantation of parathyroid tissue	
	06.98	Other operations on thyroid glands	
	06.99	Other operations on parathyroid glands	

# 07 Operations on other endocrine glands

Includes: operations on:

adrenal glands pineal gland pituitary gland

thvmus

Excludes: operations on:

aortic and carotid bodies (39.8)

ovaries (65.0-65.99)

pancreas (52.01-52.99) testes (62.0-62.99)

# 07.0 Exploration of adrenal field

Excludes: incision of adrenal (aland) (07.41)

- 07.00 Exploration of adrenal field, not otherwise specified
- 07.01 Unilateral exploration of adrenal field
- 07.02 Bilateral exploration of adrenal field
- 07.1 Diagnostic procedures on adrenal glands, pituitary gland, pineal gland, and thymus
  - 07.11 Closed [percutaneous] [needle] biopsy of adrenal gland
  - 07.12 Open biopsy of adrenal gland
  - 07.13 Biopsy of pituitary gland, transfrontal approach
  - 07.14 Biopsy of pituitary gland, transsphenoidal approach
  - 07.15 Biopsy of pituitary gland, unspecified approach
  - 07.16 Biopsy of thymus
  - 07.17 Biopsy of pineal gland
  - 07.19 Other diagnostic procedures on adrenal glands, pituitary gland, pineal gland, and thymus

Excludes: microscopic examination of specimen from endocrine gland

(90.11-90.19)

radioisotope scan of pituitary gland (92.11)

#### 07.2 Partial adrenalectomy

07.21 Excision of lesion of adrenal gland

Excludes: biopsy of adrenal gland (07.11-07.12)

07.22 Unilateral adrenalectomy

Adrenalectomy NOS

Excludes: excision of remaining adrenal gland (07.3)

07.29 Other partial adrenalectomy

Partial adrenalectomy NOS

# 07.3 Bilateral adrenalectomy

Excision of remaining adrenal gland

Excludes: bilateral partial adrenalectomy (07.29)



07.4 Other operations on adrenal glands, nerves, and vessels

**07.41** Incision of adrenal gland Adrenalotomy (with drainage)

07.42 Division of nerves to adrenal glands

	07.43	Ligation of adrenal vessels
	07.44	Repair of adrenal gland
	07.45	Reimplantation of adrenal tissue Autotransplantation of adrenal tissue
	07.49	Other
07.5	Opera	tions on pineal gland
	07.51	Exploration of pineal field
		Excludes: that with incision of pineal gland (07.52)
	07.52	Incision of pineal gland
	07.53	Partial excision of pineal gland
		Excludes: biopsy of pineal gland (07.17)
	07.54	Total excision of pineal gland Pinealectomy (complete) (total)
	07.59	Other operations on pineal gland
07.6	Нурор	physectomy
		Partial excision of pituitary gland, transfrontal approach
		Cryohypophysectomy, partial transfrontal approach
		Division of hypophyseal stalk transfrontal approach
		Excision of lesion of pituitary [hypophysis] transfrontal approach Hypophysectomy, subtotal transfrontal approach
		Infundibulectomy, hypophyseal transfrontal approach
		Excludes: biopsy of pituitary gland, transfrontal approach (07.13)
	07.62	Partial excision of pituitary gland, transsphenoidal approach
		Excludes: biopsy of pituitary gland, transsphenoidal approach (07.14)
	07.63	Partial excision of pituitary gland, unspecified approach
		Excludes: biopsy of pituitary gland NOS (07.15)
	07.64	Total excision of pituitary gland, transfrontal approach
		Ablation of pituitary by implantation (strontium-yttrium) (Y)
		transfrontal approach
	07.65	Cryohypophysectomy, complete transfrontal approach
		Total excision of pituitary gland, transsphenoidal approach
		Total excision of pituitary gland, other specified approach
	07.69	Total excision of pituitary gland, unspecified approach Hypophysectomy NOS Pituitectomy NOS
07.7	Other	operations on hypophysis
	07.71	Exploration of pituitary fossa
		Excludes: exploration with incision of pituitary gland (07.72)
34		OR procedure Non OR procedure but affects ThaiDRG
		The state of the s

# 07.72 Incision of pituitary gland

Aspiration of: craniobuccal pouch craniopharyngioma hypophysis

pituitary gland

Rathke's pouch

# 07.79 Other

Insertion of pack into sella turcica

# 07.8 Thymectomy

- 07.80 Thymectomy, not otherwise specified
- 07.81 Partial excision of thymus

Excludes: biopsy of thymus (07.16)

07.82 Total excision of thymus

# 07.9 Other operations on thymus

07.91 Exploration of thymus field

Excludes: exploration with incision of thymus (07.92)

- 07.92 Incision of thymus
- 07.93 Repair of thymus
- 07.94 Transplantation of thymus
- 07.99 Other

Thymopexy

# 3. OPERATIONS ON THE EYE (08-16)

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08	Operations	on e	velids

Includes: operations on the eyebrow

- 08.0 Incision of eyelid
  - 08.01 Incision of lid margin
  - 08.02 Severing of blepharorrhaphy
  - 08.09 Other incision of eyelid
- 08.1 Diagnostic procedures on evelid
  - 08.11 Biopsy of eyelid
  - 08.19 Other diagnostic procedures on eyelid

# 08.2 Excision or destruction of lesion or tissue of eyelid

Code also any synchronous reconstruction (08.61-08.74)

Excludes: biopsy of eyelid (08.11)

- **08.20** Removal of lesion of eyelid, not otherwise specified Removal of meibomian gland NOS
- 08.21 Excision of chalazion
- 08.22 Excision of other minor lesion of eyelid

Excision of:

verucca

wart

08.23 Excision of major lesion of eyelid, partial-thickness

Excision involving one-fourth or more of lid margin, partial-thickness

- **08.24** Excision of major lesion of eyelid, full-thickness
  Excision involving one-fourth or more of lid margin, full-thickness
  Wedge resection of eyelid
- 08.25 Destruction of lesion of eyelid
- 08.3 Repair of blepharoptosis and lid retraction
  - 08.31 Repair of blepharoptosis by frontalis muscle technique with suture
  - 08.32 Repair of blepharoptosis by frontalis muscle technique with fascial sling
  - 08.33 Repair of blepharoptosis by resection or advancement of levator muscle or aponeurosis
  - 08.34 Repair of blepharoptosis by other levator muscle techniques
  - 08.35 Repair of blepharoptosis by tarsal technique
  - 08.36 Repair of blepharoptosis by other techniques
     Correction of eyelid ptosis NOS
     Orbicularis oculi muscle sling for correction of blepharoptosis
  - 08.37 Reduction of overcorrection of ptosis
  - 08.38 Correction of lid retraction

36 OR procedure	Non OR	procedure	but affects	ThaiDRG
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# 08.4 Repair of entropion or ectropion 08.41 Repair of entropion or ectropion by thermocauterization 08.42 Repair of entropion or ectropion by suture technique 08.43 Repair of entropion or ectropion with wedge resection 08.44 Repair of entropion or ectropion with lid reconstruction 08.49 Other repair of entropion or ectropion 08.5 Other adjustment of lid position 08.51 Canthotomy Enlargement of palpebral fissure 08.52 Blepharorrhaphy Canthorrhaphy Tarsorrhaphy 08.59 Other Canthoplasty NOS Repair of epicanthal fold 08.6 Reconstruction of eyelid with flaps or grafts Excludes: that associated with repair of entropion and ectropion (08.44) 08.61 Reconstruction of eyelid with skin flap or graft 08.62 Reconstruction of evelid with mucous membrane flap or graft 08.63 Reconstruction of eyelid with hair follicle graft 08.64 Reconstruction of evelid with tarsoconiunctival flap Transfer of tarsoconjunctival flap from opposing lid 08.69 Other reconstruction of eyelid with flaps or grafts 08.7 Other reconstruction of evelid Excludes: that associated with repair of entropion and ectropion (08.44) 08.70 Reconstruction of eyelid, not otherwise specified 08.71 Reconstruction of eyelid involving lid margin, partial-thickness 08.72 Other reconstruction of evelid, partial-thickness 08.73 Reconstruction of eyelid involving lid margin, full-thickness 08.74 Other reconstruction of eyelid, full-thickness 08.8 Other repair of evelid 08.81 Linear repair of laceration of eyelid or eyebrow 08.82 Repair of laceration involving lid margin, partial-thickness 08.83 Other repair of laceration of eyelid, partial-thickness 08.84 Repair of laceration involving lid margin, full-thickness 08.85 Other repair of laceration of eyelid, full-thickness 08.86 Lower eyelid rhytidectomy

08.89 Other eyelid repair

08.87 Upper eyelid rhytidectomy

08.9	08.91 08.92 08.93	operations on eyelids Electrosurgical epilation of eyelid Cryosurgical epilation of eyelid Other epilation of eyelid Other						
	Operations on lacrimal system Incision of lacrimal gland Incision of lacrimal cyst (with drainage)							
09.1	09.11 09.12	Biopsy of lacrimal gland Biopsy of lacrimal sac Other diagnostic procedures on lacrimal system  Excludes: contrast dacryocystogram (87.05) soft tissue x-ray of nasolacrimal duct (87.09)						
09.2	09.20 09.21	on of lesion or tissue of lacrimal gland Excision of lacrimal gland, not otherwise specified Excision of lesion of lacrimal gland Excludes: biopsy of lacrimal gland (09.11) Other partial dacryoadenectomy Excludes: biopsy of lacrimal gland (09.11)						
	09.23	Total dacryoadenectomy						
09.3	Other	operations on lacrimal gland						
09.4	Manipulation of lacrimal passage Includes: removal of calculus that with dilation							
	Exclud	es: contrast dacryocystogram <u>(87.05)</u>						
		Probing of lacrimal punctum						
		Probing of lacrimal canaliculi						
	09.43	Probing of nasolacrimal duct  Excludes: that with insertion of tube or stent (09.44)						
	09.44	Intubation of nasolacrimal duct Insertion of stent into nasolacrimal duct						
	09.49	Other manipulation of lacrimal passage						
09.5	Incision of lacrimal sac and passages							
09.51 Incision of lacrimal punctum								
09.52 Incision of lacrimal canaliculi 09.53 Incision of lacrimal sac								
		Other incision of lacrimal passages						
	33.33	Incision (and drainage) of nasolacrimal duct NOS						
38		OR procedure Non OR procedure but affects ThaiDRG						

09.	6 Excisio	on of lacrimal sac and passage
	Exclud	es: biopsy of lacrimal sac <u>(09.12)</u>
09.	Exclud 09.71 09.72	r of canaliculus and punctum les: repair of eyelid (08.81-08.89)  Correction of everted punctum  Other repair of punctum  Repair of canaliculus
09.	09.81 09.82	zation of lacrimal tract to nasal cavity Dacryocystorhinostomy [DCR] Conjunctivocystorhinostomy Conjunctivodacryocystorhinostomy [CDCR] Excludes: that with insertion of tube or stent (09.83)
	09.83	Conjunctivorhinostomy with insertion of tube or stent
09.	09.91	operations on lacrimal system Obliteration of lacrimal punctum Other
10	Opera	tions on conjunctiva
10.		val of embedded foreign body from conjunctiva by incision les: removal of: embedded foreign body without incision (98.22) superficial foreign body (98.21)
10.	1 Other	incision of conjunctiva
10.	10.21	ostic procedures on conjunctiva Biopsy of conjunctiva Other diagnostic procedures on conjunctiva
10.	3 Excisio	on or destruction of lesion or tissue of conjunctiva
	10.31	Excision of lesion or tissue of conjunctiva Excision of ring of conjunctiva around cornea  Excludes: biopsy of conjunctiva (10.21)
	10 32	Destruction of lesion of conjunctiva
	10.32	Excludes: excision of lesion (10.31) thermocauterization for entropion (08.41)
	10.33	Other destructive procedures on conjunctiva Removal of trachoma follicles

10.4	Conju	unctivoplasty						
	10.41	Repair of symblepharon with free graft						
	10.42	Reconstruction of conjunctival cul-de-sac with free graft						
		Excludes: revision of enucleation socket with graft (16.63)						
	10.43	Other reconstruction of conjunctival cul-de-sac						
		Excludes: revision of enucleation socket (16.64)						
	10.44	Other free graft to conjunctiva						
	10.49	Other conjunctivoplasty						
		Excludes: repair of cornea with conjunctival flap (11.53)						
10.5	•	of adhesions of conjunctiva and eyelid ision of symblepharon (with insertion of conformer)						
10.6	Repair	of laceration of conjunctiva						
	-	es: that with repair of sclera (12.81)						
109	Other	operations on conjunctiva						
. 0.5		Subconjunctival injection						
		Other						
	_							
	•	tions on cornea						
11.0	•	etic removal of embedded foreign body from cornea						
		es: that with incision (11.1)						
11.1		on of cornea ision of cornea for removal of foreign body						
11.2		ostic procedures on cornea						
	11.21	Scraping of cornea for smear or culture						
		Biopsy of cornea						
	11.29	Other diagnostic procedures on cornea						
11.3	Excisio	Excision of pterygium						
	11.31	Transposition of pterygium						
	11.32	2 Excision of pterygium with corneal graft						
	11.39	Other excision of pterygium						
11.4	Excisio	on or destruction of tissue or other lesion of cornea						
	11.41	Mechanical removal of corneal epithelium That by chemocauterization						
		Excludes: that for smear or culture (11.21)						
	11.42	Thermocauterization of corneal lesion						
	11.43	Cryotherapy of corneal lesion						
	11.49	Other removal or destruction of corneal lesion Excision of cornea NOS						
		Excludes: biopsy of cornea (11.22)						
40		OR procedure Non OR procedure but affects ThaiDRG						

- 11.5 Repair of cornea
  - 11.51 Suture of corneal laceration
  - 11.52 Repair of postoperative wound dehiscence of cornea
  - 11.53 Repair of corneal laceration or wound with conjunctival flap
  - 11.59 Other repair of cornea
- 11.6 Corneal transplant

Excludes: excision of pterygium with corneal graft (11.32)

11.60 Corneal transplant, not otherwise specified

Keratoplasty NOS

Note: To report donor source - see codes 00.91-00.93

- 11.61 Lamellar keratoplasty with autograft
- 11.62 Other lamellar keratoplasty
- 11.63 Penetrating keratoplasty with autograft Perforating keratoplasty with autograft
- 11.64 Other penetrating keratoplasty Perforating keratoplasty (with homograft)
- 11.69 Other corneal transplant
- 11.7 Other reconstructive and refractive surgery on cornea
  - 11.71 Keratomileusis
  - 11.72 Keratophakia
  - 11.73 Keratoprosthesis
  - 11.74 Thermokeratoplasty
  - 11.75 Radial keratotomy
  - 11.76 Epikeratophakia
  - 11.79 Other
- 11.9 Other operations on cornea
  - 11.91 Tattooing of cornea
  - 11.92 Removal of artificial implant from cornea
  - 11.99 Other
- 12 Operations on iris, ciliary body, sclera, and anterior chamber Excludes: operations on cornea (11.0-11.99)
- 12.0 Removal of intraocular foreign body from anterior segment of eye
  - 12.00 Removal of intraocular foreign body from anterior segment of eye, not otherwise specified
  - 12.01 Removal of intraocular foreign body from anterior segment of eye with use of magnet
  - 12.02 Removal of intraocular foreign body from anterior segment of eye without use of magnet

# 12.1 Iridotomy and simple iridectomy Excludes: iridectomy associated with: cataract extraction (13.11-13.69) removal of lesion (12.41-12.42) scleral fistulization (12.61-12.69) 12.11 Iridotomy with transfixion 12.12 Other iridotomy Corectomy Discission of iris Iridotomy NOS 12.13 Excision of prolapsed iris 12.14 Other iridectomy Iridectomy (basal) (peripheral) (total) 12.2 Diagnostic procedures on iris, ciliary body, sclera, and anterior chamber 12.21 Diagnostic aspiration of anterior chamber of eye 12.22 Biopsy of iris 12.29 Other diagnostic procedures on iris, ciliary body, sclera, and anterior chamber 12.3 Iridoplasty and coreoplasty 12.31 Lysis of goniosynechiae Lysis of goniosynechiae by injection of air or liquid 12.32 Lysis of other anterior synechiae Lysis of anterior synechiae: NOS by injection of air or liquid 12.33 Lysis of posterior synechiae Lysis of iris adhesions NOS 12.34 Lysis of corneovitreal adhesions 12.35 Coreoplasty Needling of pupillary membrane 12.39 Other iridoplasty 12.4 Excision or destruction of lesion of iris and ciliary body 12.40 Removal of lesion of anterior segment of eye, not otherwise specified 12.41 Destruction of lesion of iris, nonexcisional Destruction of lesion of iris by: cauterization crvotherapy photocoagulation 12.42 Excision of lesion of iris Excludes: biopsy of iris (12.22) 12.43 Destruction of lesion of ciliary body, nonexcisional 12.44 Excision of lesion of ciliary body

Non OR procedure but affects ThaiDRG

42

OR procedure

# 12.5 Facilitation of intraocular circulation 12.51 Goniopuncture without goniotomy 12.52 Goniotomy without goniopuncture 12.53 Goniotomy with goniopuncture 12.54 Trabeculotomy ab externo 12.55 Cyclodialysis 12.59 Other facilitation of intraocular circulation 12.6 Scleral fistulization Excludes: exploratory sclerotomy (12.89) 12.61 Trephination of sclera with iridectomy 12.62 Thermocauterization of sclera with iridectomy 12.63 Iridencleisis and iridotasis 12.64 Trabeculectomy ab externo 12.65 Other scleral fistulization with iridectomy 12.66 Postoperative revision of scleral fistulization procedure Revision of filtering bleb Excludes: repair of fistula (12.82) 12.69 Other fistulizing procedure 12.7 Other procedures for relief of elevated intraocular pressure 12.71 Cyclodiathermy 12.72 Cyclocryotherapy 12.73 Cyclophotocoagulation 12.74 Diminution of ciliary body, not otherwise specified 12.79 Other glaucoma procedures 12.8 Operations on sclera Excludes: those associated with: retinal reattachment (14.41-14.59) scleral fistulization (12.61-12.69) 12.81 Suture of laceration of sclera Suture of sclera with synchronous repair of conjunctiva 12.82 Repair of scleral fistula Excludes: postoperative revision of scleral fistulization procedure (12.66) 12.83 Revision of operative wound of anterior segment, not elsewhere classified Excludes: postoperative revision of scleral fistulization procedure (12.66) 12.84 Excision or destruction of lesion of sclera 12.85 Repair of scleral staphyloma with graft 12.86 Other repair of scleral staphyloma

12.87 Scleral reinforcement with graft 12.88 Other scleral reinforcement

# 12.89 Other operations on sclera Exploratory sclerotomy 12.9 Other operations on iris, ciliary body, and anterior chamber 12.91 Therapeutic evacuation of anterior chamber Paracentesis of anterior chamber Excludes: diagnostic aspiration (12.21) 12.92 Injection into anterior chamber Injection of: air into anterior chamber liquid into anterior chamber medication into anterior chamber 12.93 Removal or destruction of epithelial downgrowth from anterior chamber Excludes: that with iridectomy (12.41-12.42) 12.97 Other operations on iris 12.98 Other operations on ciliary body 12.99 Other operations on anterior chamber 13 Operations on lens 13.0 Removal of foreign body from lens Excludes: removal of pseudophakos (13.8) 13.00 Removal of foreign body from lens, not otherwise specified 13.01 Removal of foreign body from lens with use of magnet 13.02 Removal of foreign body from lens without use of magnet 13.1 Intracapsular extraction of lens Code also any synchronous insertion of pseudophakos (13.71) 13.11 Intracapsular extraction of lens by temporal inferior route 13.19 Other intracapsular extraction of lens Cataract extraction NOS Cryoextraction of lens Ervsiphake extraction of cataract Extraction of lens NOS 13.2 Extracapsular extraction of lens by linear extraction technique 13.3 Extracapsular extraction of lens by simple aspiration (and irrigation) technique Irrigation of traumatic cataract 13.4 Extracapsular extraction of lens by fragmentation and aspiration technique 13.41 Phacoemulsification and aspiration of cataract 13.42 Mechanical phacofragmentation and aspiration of cataract by posterior route Code also any synchronous vitrectomy (14.74) 13.43 Mechanical phacofragmentation and other aspiration of cataract

- 13.5 Other extracapsular extraction of lens
  - Code also any synchronous insertion of pseudophakos (13.71)
  - 13.51 Extracapsular extraction of lens by temporal inferior route
  - 13.59 Other extracapsular extraction of lens
- 13.6 Other cataract extraction
  - Code also any synchronous insertion of pseudophakos (13.71)
  - 13.64 Discission of secondary membrane [after cataract]
  - 13.65 Excision of secondary membrane [after cataract] Capsulectomy
  - 13.66 Mechanical fragmentation of secondary membrane [after cataract]
  - 13.69 Other cataract extraction
- 13.7 Insertion of prosthetic lens [pseudophakos] ®
  - Excludes: implantation of intraocular telescope prosthesis (13.91)
  - 13.70 Insertion of pseudophakos, not otherwise specified
  - 13.71 Insertion of intraocular lens prosthesis at time of cataract extraction. one-stage Code also synchronous extraction of cataract (13.11-13.69)
  - 13.72 Secondary insertion of intraocular lens prosthesis
- 13.8 Removal of implanted lens

Removal of pseudophakos

- 13.9 Other operations on lens
  - 13.90 Operation on lens. Not Elsewhere Classified
  - 13.91 Implantation of intraocular telescope prosthesis Implantable miniature telescope Includes removal of lens, any method

Excludes: secondary insertion of ocular implant (16.61)

- 14 Operations on retina, choroid, vitreous, and posterior chamber
- 14.0 Removal of foreign body from posterior segment of eye

Excludes: removal of surgically implanted material (14.6)

- 14.00 Removal of foreign body from posterior segment of eye, not otherwise specified
- 14.01 Removal of foreign body from posterior segment of eye with use of magnet
- 14.02 Removal of foreign body from posterior segment of eye without use of magnet
- 14.1 Diagnostic procedures on retina, choroid, vitreous, and posterior chamber
  - 14.11 Diagnostic aspiration of vitreous
  - 14.19 Other diagnostic procedures on retina, choroid, vitreous, and posterior chamber

# 14.2 Destruction of lesion of retina and choroid Includes: destruction of chorioretinopathy or isolated chorioretinal lesion Excludes: that for repair of retina (14.31-14.59) 14.21 Destruction of chorioretinal lesion by diathermy 14.22 Destruction of chorioretinal lesion by cryotherapy 14.23 Destruction of chorioretinal lesion by xenon arc photocoagulation 14.24 Destruction of chorioretinal lesion by laser photocoagulation 14.25 Destruction of chorioretinal lesion by photocoagulation of unspecified type 14.26 Destruction of chorioretinal lesion by radiation therapy 14.27 Destruction of chorioretinal lesion by implantation of radiation source 14.29 Other destruction of chorioretinal lesion Destruction of lesion of retina and choroid NOS 14.3 Repair of retinal tear Includes: repair of retinal defect Excludes: repair of retinal detachment (14.41-14.59) 14.31 Repair of retinal tear by diathermy 14.32 Repair of retinal tear by cryotherapy 14.33 Repair of retinal tear by xenon arc photocoagulation 14.34 Repair of retinal tear by laser photocoagulation 14.35 Repair of retinal tear by photocoagulation of unspecified type 14.39 Other repair of retinal tear 14.4 Repair of retinal detachment with scleral buckling and implant 14.41 Scleral buckling with implant 14.49 Other scleral buckling Scleral buckling with: air tamponade resection of sclera vitrectomy 14.5 Other repair of retinal detachment Includes: that with drainage 14.51 Repair of retinal detachment with diathermy 14.52 Repair of retinal detachment with cryotherapy 14.53 Repair of retinal detachment with xenon arc photocoagulation 14.54 Repair of retinal detachment with laser photocoagulation 14.55 Repair of retinal detachment with photocoagulation of unspecified

14.6 Removal of surgically implanted material from posterior segment of eye

type 14.59 Other

14.7	One	rations	on	vitreous

14.71 Removal of vitreous, anterior approach

Open sky technique

Removal of vitreous, anterior approach (with replacement)

14.72 Other removal of vitreous

Aspiration of vitreous by posterior sclerotomy

- 14.73 Mechanical vitrectomy by anterior approach
- 14.74 Other mechanical vitrectomy ®

Posterior approach

14.75 Injection of vitreous substitute

Excludes: that associated with removal (14.71-14.72)

- 14.79 Other operations on vitreous
- 14.9 Other operations on retina, choroid, and posterior chamber
- 15 Operations on extraocular muscles
- 15.0 Diagnostic procedures on extraocular muscles or tendons
  - 15.01 Biopsy of extraocular muscle or tendon
  - 15.09 Other diagnostic procedures on extraocular muscles and tendons
- 15.1 Operations on one extraocular muscle involving temporary detachment from alobe
  - 15.11 Recession of one extraocular muscle
  - 15.12 Advancement of one extraocular muscle
  - 15.13 Resection of one extraocular muscle
  - 15.19 Other operations on one extraocular muscle involving temporary detachment from globe

Excludes: transposition of muscle (15.5)

- 15.2 Other operations on one extraocular muscle
  - 15.21 Lengthening procedure on one extraocular muscle
  - 15.22 Shortening procedure on one extraocular muscle
  - 15.29 Other
- 15.3 Operations on two or more extraocular muscles involving temporary detachment from globe, one or both eyes
- 15.4 Other operations on two or more extraocular muscles, one or both eyes
- 15.5 Transposition of extraocular muscles

Excludes: that for correction of ptosis (08.31-08.36)

- 15.6 Revision of extraocular muscle surgery
- 15.7 Repair of injury of extraocular muscle

Freeing of entrapped extraocular muscle

Lysis of adhesions of extraocular muscle

Repair of laceration of extraocular muscle, tendon, or Tenon's capsule

15.9 Other operations on extraocular muscles and tendons

# 16 Operations on orbit and eveball Excludes: reduction of fracture of orbit (76.78-76.79) 16.0 Orbitotomy 16.01 Orbitotomy with bone flap Orbitotomy with lateral approach 16.02 Orbitotomy with insertion of orbital implant Excludes: that with bone flap (16.01) 16.09 Other orbitotomy 16.1 Removal of penetrating foreign body from eye, not otherwise specified Excludes: removal of nonpenetrating foreign body (98.21) 16.2 Diagnostic procedures on orbit and eveball 16.21 Ophthalmoscopy 16.22 Diagnostic aspiration of orbit 16.23 Biopsy of eveball and orbit 16.29 Other diagnostic procedures on orbit and eyeball Excludes: examination of form and structure of eye (95.11-95.16) general and subjective eye examination (95.01-95.09) microscopic examination of specimen from eve (90.21-90.29) objective functional tests of eve (95.21-95.26) ocular thermography (88.82) tonometry (89.11) x-ray of orbit (87.14, 87.16) 16.3 Evisceration of eyeball 16.31 Removal of ocular contents with synchronous implant into scleral shell 16.39 Other evisceration of eyeball 16.4 Enucleation of eveball 16.41 Enucleation of eyeball with synchronous implant into Tenon's capsule with attachment of muscles Integrated implant of eveball 16.42 Enucleation of eyeball with other synchronous implant 16.49 Other enucleation of eveball Removal of eyeball NOS 16.5 Exenteration of orbital contents 16.51 Exenteration of orbit with removal of adjacent structures Radical orbitomaxillectomy 16.52 Exenteration of orbit with therapeutic removal of orbital bone 16.59 Other exenteration of orbit Evisceration of orbit NOS Exenteration of orbit with temporalis muscle transplant

# 16.6 Secondary procedures after removal of eveball Excludes: that with synchronous: enucleation of eyeball (16.41-16.42) evisceration of eyeball (16.31) 16.61 Secondary insertion of ocular implant 16.62 Revision and reinsertion of ocular implant 16.63 Revision of enucleation socket with graft 16.64 Other revision of enucleation socket 16.65 Secondary graft to exenteration cavity 16.66 Other revision of exenteration cavity 16.69 Other secondary procedures after removal of eyeball 16.7 Removal of ocular or orbital implant 16.71 Removal of ocular implant 16.72 Removal of orbital implant 16.8 Repair of injury of eyeball and orbit 16.81 Repair of wound of orbit Excludes: reduction of orbital fracture (76.78-76.79) repair of extraocular muscles (15.7) 16.82 Repair of rupture of eveball Repair of multiple structures of eye Excludes: repair of laceration of: cornea (11.51-11.59) sclera (12.81) 16.89 Other repair of injury of eyeball or orbit 16.9 Other operations on orbit and eyeball Excludes: irrigation of eye (96.51) prescription and fitting of low vision aids (95.31-95.33) removal of: eve prosthesis NEC (97.31) nonpenetrating foreign body from eye without incision (98.21) 16.91 Retrobulbar injection of therapeutic agent Excludes: injection of radiographic contrast material (87.14) opticociliary injection (12.79) 16.92 Excision of lesion of orbit Excludes: biopsy of orbit (16.23) 16.93 Excision of lesion of eye, unspecified structure Excludes: biopsy of eye NOS (16.23) 16.98 Other operations on orbit 16.99 Other operations on eyeball

#### 4. OPERATIONS ON THE EAR (18-20)

## 18 Operations on external ear

Includes: operations on:

external auditory canal skin and cartilage of:

auricle meatus

### 18.0 Incision of external ear

Excludes: removal of intraluminal foreign body (98.11)

18.01 Piercing of ear lobe

Piercing of pinna

- 18.02 Incision of external auditory canal
- 18.09 Other incision of external ear

#### 18.1 Diagnostic procedures on external ear

- 18.11 Otoscopy
- 18.12 Biopsy of external ear
- 18.19 Other diagnostic procedures on external ear

Excludes: microscopic examination of specimen from ear (90.31-90.39)

# 18.2 Excision or destruction of lesion of external ear

### 18.21 Excision of preauricular sinus

Radical excision of preauricular sinus or cyst

Excludes: excision of preauricular remnant [appendage] (18.29)

#### 18.29 Excision or destruction of other lesion of external ear

Cauterization of external ear

Coagulation of external ear

Cryosurgery of external ear

Curettage of external ear

Electrocoagulation of external ear

Enucleation of external ear

Excision of:

exostosis of external auditory canal preauricular remnant [appendage]

Partial excision of ear

Excludes: biopsy of external ear (18.12)

radical excision of lesion (18.31)

removal of cerumen (96.52)

#### 18.3 Other excision of external ear

Excludes: biopsy of external ear (18.12)

#### 18.31 Radical excision of lesion of external ear

Excludes: radical excision of preauricular sinus (18.21)

#### 18.39 Other

Amoutation of external ear

**Excludes**: excision of lesion (18.21-18.29, 18.31)

#### 18.4 Suture of laceration of external ear

# 18.5 Surgical correction of prominent ear

Ear: pinning

setback

#### 18.6 Reconstruction of external auditory canal

Canaloplasty of external auditory meatus Construction [reconstruction] of external meatus of ear: osseous portion skin-lined portion (with skin graft)

### 18.7 Other plastic repair of external ear

#### 18.71 Construction of auricle of ear

Prosthetic appliance for absent ear Reconstruction: auricle ear

## 18.72 Reattachment of amputated ear

# 18.79 Other plastic repair of external ear

Otoplasty NOS Postauricular skin graft Repair of lop ear

#### 18.9 Other operations on external ear

Excludes: irrigation of ear (96.52) packing of external auditory canal (96.11) removal of: cerumen (96.52) foreign body (without incision) (98.11)

#### 19 Reconstructive operations on middle ear

#### 19.0 Stapes mobilization

Division, otosclerotic: material process Remobilization of stapes Stapediolysis Transcrural stapes mobilization

Excludes: that with synchronous stapedectomy (19.11-19.19)

### 19.1 Stapedectomy

Excludes: revision of previous stapedectomy (19.21-19.29) stapes mobilization only (19.0)

#### 19.11 Stapedectomy with incus replacement

Stapedectomy with incus: homograft

prosthesis

19.19 Other stapedectomy

### 19.2 Revision of stapedectomy

- 19.21 Revision of stapedectomy with incus replacement
- 19.29 Other revision of stapedectomy

## 19.3 Other operations on ossicular chain

Incudectomy NOS Ossiculectomy NOS

Reconstruction of ossicles, second stage

# 19.4 Myringoplasty

Epitympanic, type I Myringoplasty by: cauterization

araft

Tympanoplasty (type I)

## 19.5 Other tympanoplasty

# 19.52 Type II tympanoplasty

Closure of perforation with graft against incus or malleus

### 19.53 Type III tympanoplasty

Graft placed in contact with mobile and intact stapes

#### 19.54 Type IV tympanoplasty

Mobile footplate left exposed with air pocket between round window and graft

## 19.55 Type V tympanoplasty

Fenestra in horizontal semicircular canal covered by graft

#### 19.6 Revision of tympanoplasty

#### 19.9 Other repair of middle ear

Closure of mastoid fistula Mastoid myoplasty Obliteration of tympanomastoid cavity

#### 20 Other operations on middle and inner ear

#### 20.0 Myringotomy

20.01 Myringotomy with insertion of tube

Myringostomy

## 20.09 Other myringotomy

Aspiration of middle ear NOS

52	OR	procedure	N	lon OF	R procedure	but affects	ThaiDRG

#### 20.1 Removal of tympanostomy tube

### 20.2 Incision of mastoid and middle ear

- 20.21 Incision of mastoid
- 20.22 Incision of petrous pyramid air cells
- 20.23 Incision of middle ear

Atticotomy

Division of tympanum

Lysis of adhesions of middle ear

Excludes: division of otosclerotic process (19.0)

stapediolysis (19.0)

that with stapedectomy (19.11-19.19)

#### 20.3 Diagnostic procedures on middle and inner ear

- 20.31 Electrocochleography
- 20.32 Biopsy of middle and inner ear
- 20.39 Other diagnostic procedures on middle and inner ear

Excludes: auditory and vestibular function tests (89.13, 95.41-95.49) microscopic examination of specimen from ear (90.31-90.39)

#### 20.4 Mastoidectomy

Code also anv:

skin graft (18.79)

tympanoplasty (19.4-19.55)

Excludes: that with implantation of cochlear prosthetic device (20.96-20.98)

- 20.41 Simple mastoidectomy
- 20.42 Radical mastoidectomy
- 20.49 Other mastoidectomy

Atticoantrostomy

Mastoidectomy:

NOS

modified radical

#### 20.5 Other excision of middle ear

Excludes: that with synchronous mastoidectomy (20.41-20.49)

20.51 Excision of lesion of middle ear

Excludes: biopsy of middle ear (20.32)

20.59 Other

Apicectomy of petrous pyramid

**Tympanectomy** 

#### 20.6 Fenestration of inner ear

## 20.61 Fenestration of inner ear (initial)

Fenestration of:

labyrinth with graft (skin) (vein)

semicircular canals with graft (skin) (vein)

vestibule with graft (skin) (vein)

Excludes: that with tympanoplasty, type V (19.55)

20.62 Revision of fenestration of inner ear

#### 20.7 Incision, excision, and destruction of inner ear

20.71 Endolymphatic shunt

# 20.72 Injection into inner ear

Destruction by injection (alcohol):

inner ear

semicircular canals

vestibule

## 20.79 Other incision, excision, and destruction of inner ear

Decompression of labyrinth

Drainage of inner ear

Fistulization:

endolymphatic sac

labyrinth

Incision of endolymphatic sac

Labyrinthectomy (transtympanic)

Opening of bony labyrinth

Perilymphatic tap

Excludes: biopsy of inner ear (20.32)

#### 20.8 Operations on Eustachian tube

Catheterization of Eustachian tube

Inflation of Eustachian tube

Injection (Teflon paste) of Eustachian tube

Insufflation (boric acid-salicylic acid) Intubation of Eustachian tube

Politzerization of Eustachian tube

#### 20.9 Other operations on inner and middle ear

20.91 Tympanosympathectomy

20.92 Revision of mastoidectomy

#### 20.93 Repair of oval and round windows

Closure of fistula:

oval window

perilymph

round window

#### 20.94 Injection of tympanum

#### 20.95 Implantation of electromagnetic hearing device

Bone conduction hearing device

Excludes: cochlear prosthetic device (20.96-20.98)

## 20.96 Implantation or replacement of cochlear prosthetic device, not otherwise specified

Implantation of receiver (within skull) and insertion of electrode(s) in the cochlea

Includes: mastoidectomy

Excludes: electromagnetic hearing device (20.95)

# 20.97 Implantation or replacement of cochlear prosthetic device. single channel

Implantation of receiver (within skull) and insertion of electrode in the cochlea

Includes: mastoidectomy

Excludes: electromagnetic hearing device (20.95)

## 20.98 Implantation or replacement of cochlear prosthetic device, multiple channel

Implantation of receiver (within skull) and insertion of electrodes in the cochlea

Includes: mastoidectomy

Excludes: electromagnetic hearing device (20.95)

## 20.99 Other operations on middle and inner ear

Repair or removal of cochlear prosthetic device (receiver) (electrode)

Excludes: adjustment (external components) of cochlear prosthetic device (95.49)

fitting of hearing aid (95.48)

## 5. OPERATIONS ON THE NOSE, MOUTH, AND PHARYNX (21-29)

## 21 Operations on nose

Includes: operations on: bone of nose skin of nose

#### 21.0 Control of epistaxis

- 21.00 Control of epistaxis, not otherwise specified
- 21.01 Control of epistaxis by anterior nasal packing
- 21.02 Control of epistaxis by posterior (and anterior) packing
- 21.03 Control of epistaxis by cauterization (and packing)
- 21.04 Control of epistaxis by ligation of ethmoidal arteries
- 21.05 Control of epistaxis by (transantral) ligation of the maxillary artery
- 21.06 Control of epistaxis by ligation of the external carotid artery
- 21.07 Control of epistaxis by excision of nasal mucosa and skin grafting of septum and lateral nasal wall
- 21.09 Control of epistaxis by other means

#### 21.1 Incision of nose

Chondrotomy Incision of skin of nose Nasal septotomy

#### 21.2 Diagnostic procedures on nose

- 21.21 Rhinoscopy
- 21.22 Biopsy of nose
- 21.29 Other diagnostic procedures on nose

Excludes: microscopic examination of specimen from nose (90.31-90.39)

nasal:
function study (80.13)

function study (89.12) x-ray (87.16) rhinomanometry (89.12)

#### 21.3 Local excision or destruction of lesion of nose

Excludes: biopsy of nose (21.22)
nasal fistulectomy (21.82)

- 21.30 Excision or destruction of lesion of nose, not otherwise specified
- 21.31 Local excision or destruction of intranasal lesion Nasal polypectomy
- 21.32 Local excision or destruction of other lesion of nose

#### 21.4 Resection of nose

Amputation of nose

#### 21.5 Submucous resection of nasal septum



## 21.6 Turbinectomy

- 21.61 Turbinectomy by diathermy or cryosurgery
- 21.62 Fracture of the turbinates
- 21.69 Other turbinectomy

Excludes: turbinectomy associated with sinusectomy (22.31-22.39, 22.42, 22.60-22.64)

#### 21.7 Reduction of nasal fracture

- 21.71 Closed reduction of nasal fracture
- 21.72 Open reduction of nasal fracture

### 21.8 Repair and plastic operations on the nose

- 21.81 Suture of laceration of nose
- 21.82 Closure of nasal fistula

Nasolabial fistulectomy Nasopharyngeal fistulectomy Oronasal fistulectomy

#### 21.83 Total nasal reconstruction

Reconstruction of nose with: arm flap forehead flap

## 21.84 Revision rhinoplasty

Rhinoseptoplasty Twisted nose rhinoplasty

#### 21.85 Augmentation rhinoplasty

Augmentation rhinoplasty with: araft synthetic implant

## 21.86 Limited rhinoplasty

Plastic repair of nasolabial flaps Tip rhinoplasty

# 21.87 Other rhinoplasty

Rhinoplasty NOS

## 21.88 Other septoplasty

Crushing of nasal septum Repair of septal perforation

Excludes: septoplasty associated with submucous resection of septum

#### 21.89 Other repair and plastic operations on nose

Reattachment of amoutated nose

#### 21.9 Other operations on nose

#### 21.91 Lysis of adhesions of nose

Posterior nasal scrub

# 21.99 Other Excludes: dilation of frontonasal duct (96.21) irrigation of nasal passages (96.53) removal of: intraluminal foreign body without incision (98.12) nasal packing (97.32) replacement of nasal packing (97.21) 22 Operations on nasal sinuses 22.0 Aspiration and lavage of nasal sinus 22.00 Aspiration and lavage of nasal sinus, not otherwise specified 22.01 Puncture of nasal sinus for aspiration or lavage 22.02 Aspiration or lavage of nasal sinus through natural ostium 22.1 Diagnostic procedures on nasal sinus 22.11 Closed [endoscopic] [needle] biopsy of nasal sinus 22.12 Open biopsy of nasal sinus 22.19 Other diagnostic procedures on nasal sinuses Endoscopy without biopsy Excludes: transillumination of sinus (89.35) x-ray of sinus (87.15-87.16) 22.2 Intranasal antrotomy Excludes: antrotomy with external approach (22.31-22.39) 22.3 External maxillary antrotomy 22.31 Radical maxillary antrotomy Removal of lining membrane of maxillary sinus using Caldwell-Luc approach 22.39 Other external maxillary antrotomy Exploration of maxillary antrum with Caldwell-Luc approach 22.4 Frontal sinusotomy and sinusectomy 22.41 Frontal sinusotomy 22.42 Frontal sinusectomy Excision of lesion of frontal sinus Obliteration of frontal sinus (with fat) Excludes: biopsy of nasal sinus (22.11-22.12) 22.5 Other nasal sinusotomy 22.50 Sinusotomy, not otherwise specified 22.51 Ethmoidotomy 22.52 Sphenoidotomy 22.53 Incision of multiple nasal sinuses

### 22.6 Other nasal sinusectomy

Includes: that with incidental turbinectomy

Excludes: biopsy of nasal sinus (22.11-22.12)

- 22.60 Sinusectomy, not otherwise specified
- 22.61 Excision of lesion of maxillary sinus with Caldwell-Luc approach
- 22.62 Excision of lesion of maxillary sinus with other approach
- 22.63 Ethmoidectomy
- 22.64 Sphenoidectomy
- 22.7 Repair of nasal sinus
  - 22.71 Closure of nasal sinus fistula Repair of oro-antral fistula
  - 22.79 Other repair of nasal sinus

Reconstruction of frontonasal duct Repair of bone of accessory sinus

## 22.9 Other operations on nasal sinuses

Exteriorization of maxillary sinus Fistulization of sinus

Excludes: dilation of frontonasal duct (96.21)

- 23 Removal and restoration of teeth
- 23.0 Forceps extraction of tooth
  - 23.01 Extraction of deciduous tooth
  - 23.09 Extraction of other tooth Extraction of tooth NOS
- 23.1 Surgical removal of tooth
  - 23.11 Removal of residual root
  - 23.19 Other surgical extraction of tooth

**Odontectomy NOS** Removal of impacted tooth

Tooth extraction with elevation of mucoperiosteal flap

- 23.2 Restoration of tooth by filling
- 23.3 Restoration of tooth by inlay
- 23.4 Other dental restoration
  - 23.41 Application of crown
  - 23.42 Insertion of fixed bridge
  - 23.43 Insertion of removable bridge
  - 23.49 Other
- 23.5 Implantation of tooth

# 23.6 Prosthetic dental implant Endosseous dental implant 23.7 Apicoectomy and root canal therapy 23.70 Root canal, not otherwise specified 23.71 Root canal therapy with irrigation 23.72 Root canal therapy with apicoectomy 23.73 Apicoectomy 24 Other operations on teeth, gums, and alveoli 24.0 Incision of gum or alveolar bone Apical alveolotomy 24.1 Diagnostic procedures on teeth, gums, and alveoli 24.11 Biopsy of gum 24.12 Biopsy of alveolus 24.19 Other diagnostic procedures on teeth, gums, and alveoli Excludes: dental: examination (89.31) x-rav: full-mouth (87.11) other (87.12) microscopic examination of dental specimen (90.81-90.89) 24.2 Gingivoplasty Gingivoplasty with bone or soft tissue graft 24.3 Other operations on gum 24.31 Excision of lesion or tissue of gum Excludes: biopsy of qum (24.11) excision of odontogenic lesion (24.4) 24.32 Suture of laceration of gum 24.39 Other 24.4 Excision of dental lesion of iaw Excision of odontogenic lesion 24.5 Alveoloplasty Alveolectomy (interradicular) (intraseptal) (radical) (simple) (with graft or implant) Excludes: biopsy of alveolus (24.12) en bloc resection of alveolar process and palate (27.32) 24.6 Exposure of tooth

```
24.7 Application of orthodontic appliance
         Application, insertion, or fitting of:
           arch bars
           orthodontic obturator
           orthodontic wiring
           periodontal splint
     Excludes: nonorthodontic dental wiring (93.55)
24.8 Other orthodontic operation
         Closure of diastema (alveolar) (dental)
         Occlusal adjustment
         Removal of arch bars
         Repair of dental arch
     Excludes: removal of nonorthodontic wiring (97.33)
24.9 Other dental operations
     24.91 Extension or deepening of buccolabial or lingual sulcus
     24.99 Other
            Excludes: dental:
                        debridement (96.54)
                        examination (89.31)
                        prophylaxis (96.54)
                        scaling and polishing (96.54)
                        wiring (93.55)
                      fitting of dental appliance [denture] (99.97)
                      microscopic examination of dental specimen (90.81-90.89)
                      removal of dental:
                        packing (97.34)
                        prosthesis (97.35)
                        wiring (97.33)
                      replacement of dental packing (97.22)
25 Operations on tongue
25.0 Diagnostic procedures on tongue
     25.01 Closed [needle] biopsy of tongue
     25.02 Open biopsy of tongue
              Wedge biopsy
     25.09 Other diagnostic procedures on tongue
25.1 Excision or destruction of lesion or tissue of tonque
     Excludes: biopsy of tongue (25.01-25.02)
                 frenumectomy:
                    labial (27.41)
                    lingual (25.92)
25.2 Partial glossectomy
25.3 Complete glossectomy
         Glossectomy NOS
     Code also any neck dissection (40.40-40.42)
```

# 25.4 Radical glossectomy

Code also anv:

neck dissection (40.40-40.42) tracheostomy (31.1-31.29)

# 25.5 Repair of tongue and glossoplasty

25.51 Suture of laceration of tongue

## 25.59 Other repair and plastic operations on tongue

Fascial sling of tongue Fusion of tongue (to lip)

Graft of mucosa or skin to tongue

Excludes: lysis of adhesions of tongue (25.93)

#### 25.9 Other operations on tongue

25.91 Lingual frenotomy

Excludes: labial frenotomy (27.91)

25.92 Lingual frenectomy

Excludes: labial frenectomy (27.41)

25.93 Lysis of adhesions of tongue

25.94 Other glossotomy

25.99 Other

# 26 Operations on salivary glands and ducts

Includes: operations on:

lesser salivary gland and duct parotid gland and duct sublingual gland and duct submaxillary gland and duct

Code also any neck dissection (40.40-40.42)

## 26.0 Incision of salivary gland or duct

#### 26.1 Diagnostic procedures on salivary glands and ducts

26.11 Closed [needle] biopsy of salivary gland or duct

26.12 Open biopsy of salivary gland or duct

26.19 Other diagnostic procedures on salivary glands and ducts

Excludes: x-ray of salivary gland (87.09)

#### 26.2 Excision of lesion of salivary gland

26.21 Marsupialization of salivary gland cyst

26.29 Other excision of salivary gland lesion

Excludes: biopsy of salivary gland (26.11-26.12) salivary fistulectomy (26.42)

## 26.3 Sialoadenectomy

- 26.30 Sialoadenectomy, not otherwise specified
- 26.31 Partial sialoadenectomy
- 26.32 Complete sialoadenectomy

En bloc excision of salivary gland lesion Radical sialoadenectomy

# 26.4 Repair of salivary gland or duct

- 26.41 Suture of laceration of salivary gland
- 26.42 Closure of salivary fistula

### 26.49 Other repair and plastic operations on salivary gland or duct

Fistulization of salivary gland Plastic repair of salivary gland or duct NOS Transplantation of salivary duct opening

### 26.9 Other operations on salivary gland or duct

- 26.91 Probing of salivary duct
- 26.99 Other

## 27 Other operations on mouth and face

Includes: operations on:

lips palate

soft tissue of face and mouth, except tongue and gingiva

Excludes: operations on:

gingiva (24.0-24.99) tongue (25.01-25.99)

#### 27.0 Drainage of face and floor of mouth

Drainage of:

facial region (abscess) fascial compartment of face

Ludwig's angina

Excludes: drainage of thyroglossal tract (06.09)

#### 27.1 Incision of palate

#### 27.2 Diagnostic procedures on oral cavity

- 27.21 Biopsy of bony palate
- 27.22 Biopsy of uvula and soft palate
- 27.23 Biopsy of lip
- 27.24 Biopsy of mouth, unspecified structure
- 27.29 Other diagnostic procedures on oral cavity

Excludes: soft tissue x-ray (87.09)

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27.3 Excision of lesion or tissue of bony palate
      27.31 Local excision or destruction of lesion or tissue of bony palate
              Local excision or destruction of palate by:
                cautery
                chemotherapy
                cryotherapy
             Excludes: biopsy of bony palate (27.21)
      27.32 Wide excision or destruction of lesion or tissue of bony palate
              En bloc resection of alveolar process and palate
27.4 Excision of other parts of mouth
      27.41 Labial frenectomy
             Excludes: division of labial frenum (27.91)
      27.42 Wide excision of lesion of lip
      27.43 Other excision of lesion or tissue of lip
      27.49 Other excision of mouth
            Excludes: biopsy of mouth NOS (27.24)
                      excision of lesion of:
                        palate (27.31-27.32)
                        tonaue (25.1)
                        uvula (27.72)
                      fistulectomy of mouth (27.53)
                      frenectomy of:
                        lip (27.41)
                        tongue (25.92)
27.5 Plastic repair of mouth
      Excludes: palatoplasty (27.61-27.69)
      27.51 Suture of laceration of lip
      27.52 Suture of laceration of other part of mouth
      27.53 Closure of fistula of mouth
            Excludes: fistulectomy:
                        nasolabial (21.82)
                        oro-antral (22.71)
                        oronasal (21.82)
      27.54 Repair of cleft lip
      27.55 Full-thickness skin graft to lip and mouth
      27.56 Other skin graft to lip and mouth
      27.57 Attachment of pedicle or flap graft to lip and mouth
     27.59 Other plastic repair of mouth
27.6 Palatoplasty
      27.61 Suture of laceration of palate
      27.62 Correction of cleft palate
              Correction of cleft palate by push-back operation
             Excludes: revision of cleft palate repair (27.63)
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Non OR procedure but affects ThaiDRG

OR procedure

# 27.63 Revision of cleft palate repair

Secondary: attachment of pharvngeal flap lengthening of palate

- 27.64 Insertion of palatal implant
- 27.69 Other plastic repair of palate

Code also any insertion of palatal implant (27.64)

Excludes: fistulectomy of mouth (27.53)

- 27.7 Operations on uvula
  - 27.71 Incision of uvula
  - 27.72 Excision of uvula

Excludes: biopsy of uvula (27.22)

27.73 Repair of uvula

Excludes: that with synchronous cleft palate repair (27.62)

uranostaphylorrhaphy (27.62)

- 27.79 Other operations on uvula
- 27.9 Other operations on mouth and face
  - 27.91 Labial frenotomy

Division of labial frenum

Excludes: lingual frenotomy (25.91)

27.92 Incision of mouth, unspecified structure

**Excludes**: incision of: qum (24.0) palate (27.1)

salivary gland or duct (26.0)

tongue (25.94) uvula (27.71)

## 27.99 Other operations on oral cavity

Graft of buccal sulcus Excludes: removal of:

intraluminal foreign body (98.01)

penetrating foreign body from mouth without incision (98.22)

# 28 Operations on tonsils and adenoids 28.0 Incision and drainage of tonsil and peritonsillar structures Drainage (oral) (transcervical) of: parapharyngeal abscess peritonsillar abscess retropharyngeal abscess tonsillar abscess 28.1 Diagnostic procedures on tonsils and adenoids 28.11 Biopsy of tonsils and adenoids 28.19 Other diagnostic procedures on tonsils and adenoids Excludes: soft tissue x-ray (87.09) 28.2 Tonsillectomy without adenoidectomy 28.3 Tonsillectomy with adenoidectomy 28.4 Excision of tonsil tag 28.5 Excision of lingual tonsil 28.6 Adenoidectomy without tonsillectomy Excision of adenoid tag 28.7 Control of hemorrhage after tonsillectomy and adenoidectomy 28.9 Other operations on tonsils and adenoids 28.91 Removal of foreign body from tonsil and adenoid by incision Excludes: that without incision (98.13) 28.92 Excision of lesion of tonsil and adenoid Excludes: biopsy of tonsil and adenoid (28.11) 28.99 Other 29 Operations on pharynx Includes: operations on: hypopharynx nasopharynx oropharynx pharyngeal pouch pyriform sinus 29.0 Pharyngotomy Drainage of pharyngeal bursa Excludes: incision and drainage of retropharyngeal abscess (28.0) removal of foreign body (without incision) (98.13) 29.1 Diagnostic procedures on pharynx 29.11 Pharyngoscopy 29.12 Pharyngeal biopsy

Biopsy of supraglottic mass

## 29.19 Other diagnostic procedures on pharynx

Excludes: x-ray of nasopharynx: contrast (87.06) other (87.09)

## 29.2 Excision of branchial cleft cyst or vestige

Excludes: branchial cleft fistulectomy (29.52)

### 29.3 Excision or destruction of lesion or tissue of pharvnx

29.31 Cricopharyngeal myotomy

Excludes: that with pharyngeal diverticulectomy (29.32)

- 29.32 Pharyngeal diverticulectomy
- 29.33 Pharyngectomy (partial)

Excludes: larvnaopharvnaectomv (30.3)

# 29.39 Other excision or destruction of lesion or tissue of pharynx

## 29.4 Plastic operation on pharynx

Correction of nasopharyngeal atresia

Excludes: pharyngoplasty associated with cleft palate repair (27.62-27.63)

### 29.5 Other repair of pharvnx

- 29.51 Suture of laceration of pharynx
- 29.52 Closure of branchial cleft fistula
- 29.53 Closure of other fistula of pharynx Pharyngoesophageal fistulectomy
- 29.54 Lysis of pharyngeal adhesions
- 29.59 Other

#### 29.9 Other operations on pharynx

- 29.91 Dilation of pharvnx Dilation of nasopharynx
- 29.92 Division of glossopharyngeal nerve
- 29.99 Other

Excludes: insertion of radium into pharynx and nasopharynx (92.27) removal of intraluminal foreign body (98.13)

#### 6. OPERATIONS ON THE RESPIRATORY SYSTEM (30-34)

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- 30.0 Excision or destruction of lesion or tissue of larynx
  - 30.01 Marsupialization of laryngeal cyst
  - 30.09 Other excision or destruction of lesion or tissue of larynx Stripping of vocal cords

Excludes: biopsy of larynx (31.43)
laryngeal fistulectomy (31.62)
laryngotracheal fistulectomy (31.62)

- 30.1 Hemilaryngectomy
- 30.2 Other partial laryngectomy
  - 30.21 Epiglottidectomy
  - 30.22 Vocal cordectomy

    Excision of vocal cords
  - 30.29 Other partial laryngectomy
    - Excision of laryngeal cartilage
- 30.3 Complete laryngectomy

Block dissection of larynx (with thyroidectomy) (with synchronous tracheostomy)
Laryngopharyngectomy

Excludes: that with radical neck dissection (30.4)

30.4 Radical larvngectomy

Complete [total] laryngectomy with radical neck dissection (with thyroidectomy) (with synchronous tracheostomy)

- 31 Other operations on larynx and trachea
- 31.0 Injection of larvnx

Injection of inert material into larynx or vocal cords

31.1 Temporary tracheostomy

Tracheotomy for assistance in breathing

- 31.2 Permanent tracheostomy
  - 31.21 Mediastinal tracheostomy
  - 31.29 Other permanent tracheostomy

Excludes: that with laryngectomy (30.3-30.4)

31.3 Other incision of larynx or trachea

Excludes: that for assistance in breathing (31.1-31.29)

- 31.4 Diagnostic procedures on larynx and trachea
  - 31.41 Tracheoscopy through artificial stoma

Excludes: that with biopsy (31.43-31.44)

31.42 Laryngoscopy and other tracheoscopy Excludes: that with biopsy (31.43-31.44) 31.43 Closed [endoscopic] biopsy of larvnx 31.44 Closed [endoscopic] biopsy of trachea 31.45 Open biopsy of larvnx or trachea 31.48 Other diagnostic procedures on larvnx Excludes: contrast laryngogram (87.07) microscopic examination of specimen from larynx (90.31-90.39)soft tissue x-ray of larvnx NEC (87.09) 31.49 Other diagnostic procedures on trachea Excludes: microscopic examination of specimen from trachea (90.41-90.49) x-ray of trachea (87.49) 31.5 Local excision or destruction of lesion or tissue of trachea Excludes: biopsy of trachea (31.44-31.45) larvnaotracheal fistulectomy (31.62) tracheoesophageal fistulectomy (31.73) 31.6 Repair of larvnx 31.61 Suture of laceration of larynx 31.62 Closure of fistula of larvnx Laryngotracheal fistulectomy Take-down of laryngostomy 31.63 Revision of laryngostomy 31.64 Repair of laryngeal fracture 31.69 Other repair of larynx Arytenoidopexy Graft of larvnx Transposition of vocal cords Excludes: construction of artificial larynx (31.75) 31.7 Repair and plastic operations on trachea 31.71 Suture of laceration of trachea 31.72 Closure of external fistula of trachea Closure of tracheotomy 31.73 Closure of other fistula of trachea Tracheoesophageal fistulectomy Excludes: laryngotracheal fistulectomy (31.62) 31.74 Revision of tracheostomy 31.75 Reconstruction of trachea and construction of artificial larynx Tracheoplasty with artificial larynx 31.79 Other repair and plastic operations on trachea

# 31.9 Other operations on larvnx and trachea 31.91 Division of larvngeal nerve 31.92 Lysis of adhesions of trachea or larvnx 31.93 Replacement of laryngeal or tracheal stent 31.94 Injection of locally-acting therapeutic substance into trachea 31.95 Tracheoesophageal fistulization 31.98 Other operations on larvnx Dilation of larvnx Division of congenital web of larynx Removal of keel or stent of larvnx Excludes: removal of intraluminal foreign body from larynx without incision (98.14) 31.99 Other operations on trachea Excludes: removal of: intraluminal foreign body from trachea without incision tracheostomy tube (97.37) replacement of tracheostomy tube (97.23) tracheostomy toilette (96.55) 32 Excision of lung and bronchus Includes: rib resection as operative approach sternotomy as operative approach sternum-splitting incision as operative approach thoracotomy as operative approach Code also any synchronous bronchoplasty (33.48) 32.0 Local excision or destruction of lesion or tissue of bronchus Excludes: biopsy of bronchus (33.24-33.25) bronchial fistulectomy (33.42) 32.01 Endoscopic excision or destruction of lesion or tissue of bronchus 32.09 Other local excision or destruction of lesion or tissue of bronchus Excludes: that by endoscopic approach (32.01) 32.1 Other excision of bronchus Resection (wide sleeve) of bronchus Excludes: radical dissection [excision] of bronchus (32.6) 32.2 Local excision or destruction of lesion or tissue of lung 32.21 Plication of emphysematous bleb 32.22 Lung volume reduction surgery 32.23 Open ablation of lung lesion or tissue 32.24 Percutaneous ablation of lung lesion or tissue🎏 32.25 Thoracoscopic ablation of lung lesion or tissue 🎏 32.26 Other and unspecified ablation of lung lesion or tissue 🎏 70

Non OR procedure but affects ThaiDRG

OR procedure

# 32.28 Endoscopic excision or destruction of lesion or tissue of lung ® Excludes: ablation of lung lesion or tissue: open (32.23) other (32.26) percutaneous (32.24) thoracoscopic (32.25) biopsy of lung (33.26-33.27) 32.29 Other local excision or destruction of lesion or tissue of lung ® Resection of lung: NOS wedae Excludes: ablation of lung lesion or tissue: open (32.23) other (32,26) percutaneous (32.24) thoracoscopic (32.25) biopsy of lung (33.26-33.27) that by endoscopic approach (32.28) wide excision of lesion of lung (32.3) 32.3 Segmental resection of lung Partial lobectomy 32.4 Lobectomy of lung Lobectomy with segmental resection of adjacent lobes of lung Excludes: that with radical dissection [excision] of thoracic structures (32.6) 32.5 Complete pneumonectomy Excision of lung NOS Pneumonectomy (with mediastinal dissection) 32.6 Radical dissection of thoracic structures Block [en bloc] dissection of bronchus, lobe of lung, brachial plexus. intercostal structure, ribs (transverse process), and sympathetic nerves 32.9 Other excision of lung Excludes: biopsy of lung and bronchus (33.24-33.27) pulmonary decortication (34.51) 33 Other operations on lung and bronchus Includes: rib resection as operative approach sternotomy as operative approach sternum-splitting incision as operative approach thoracotomy as operative approach 33.0 Incision of bronchus 33.1 Incision of lung Excludes: puncture of lung (33.93)

33.2 Diagnostic procedures on lung and bronchus

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33.21 Bronchoscopy through artificial stoma
       Excludes: that with biopsy (33.24,33.27)
33.22 Fiber-optic bronchoscopy
       Excludes: that with biopsy (33.24,33.27)
33.23 Other bronchoscopy
       Excludes: that for:
                  aspiration (96.05)
                  biopsy (33.24,33.27)
33.24 Closed [endoscopic] biopsy of bronchus
        Bronchoscopy (fiberoptic) (rigid) with:
          brush biopsy of "lung"
          brushing or washing for specimen collection
          excision (bite) biopsy
        Diagnostic bronchoalveolar lavage (BAL)
       Excludes: closed biopsy of lung, other than brush biopsy of "lung"
                 (33.26, 33.27)
                whole luna lavage (33.99)
33.25 Open biopsy of bronchus
       Excludes: open biopsy of lung (33.28)
33.26 Closed [percutaneous] [needle] biopsy of lung
       Excludes: endoscopic biopsy of luna (33.27)
33.27 Closed endoscopic biopsy of lung
        Fiber-optic (flexible) bronchoscopy with fluoroscopic guidance with
        Transbronchial lung biopsy
       Excludes: brush biopsy of "lung" (33.24)
                percutaneous biopsy of lung (33.26)
33.28 Open biopsy of lung
33.29 Other diagnostic procedures on lung and bronchus
       Excludes: contrast bronchogram:
                  endotracheal (87.31)
                  other (87.32)
                lung scan (92.15)
                magnetic resonance imaging (88.92)
                microscopic examination of specimen from bronchus or
                  lung (90.41-90.49)
                routine chest x-ray (87.44)
                ultrasonography of lung (88.73)
                vital capacity determination (89.37)
                x-ray of bronchus or lung NOS (87.49)
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### 33.3 Surgical collapse of lung

- 33.31 Destruction of phrenic nerve for collapse of lung
- 33.32 Artificial pneumothorax for collapse of lung Thoracotomy for collapse of lung
- 33.33 Pneumoperitoneum for collapse of lung
- 33.34 Thoracoplasty
- 33.39 Other surgical collapse of lung Collapse of lung NOS

# 33.4 Repair and plastic operation on lung and bronchus

- 33.41 Suture of laceration of bronchus
- 33.42 Closure of bronchial fistula

Closure of bronchostomy

Fistulectomy:

bronchocutaneous

bronchoesophageal

bronchovisceral

Excludes: closure of fistula:

bronchomediastinal (34.73) bronchopleural (34.73)

bronchopleuromediastinal (34.73)

- 33.43 Closure of laceration of lung
- 33.48 Other repair and plastic operations on bronchus
- 33.49 Other repair and plastic operations on lung

Excludes: closure of pleural fistula (34.73)

### 33.5 Lung transplant

Note: To report donor source - see codes 00.91-00.93

Excludes: combined heart-lung transplantation (33.6)

Code also cardiopulmonary bypass [extracorporeal circulation] [heartlung machine (39.61)

- 33.50 Lung transplantation, not otherwise specified
- 33.51 Unilateral lung transplantation
- 33.52 Bilateral lung transplantation

Double-lung transplantation

En bloc transplantation

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

#### 33.6 Combined heart-lung transplantation

Note: To report donor source - see codes 00.91-00.93

Code also cardiopulmonary bypass [extracorporeal circulation] [heartlung machinel (39.61)

	7 Endoscopic insertion, replacement and removal of therapeutic device substances in bronchus or lung Biologic Lung Volume Reduction (BLVR)		
		es: insertion of tracheobronchial stent (96.05)	
	33.71	Endoscopic insertion or replacement of bronchial valve(s) Endobronchial airflow redirection valve Intrabronchial airflow redirection valve	
	33.78	Endoscopic removal of bronchial device(s) or substances	
3	33.79	Endoscopic insertion of other bronchial device or substances Biologic Lung Volume Reduction NOS (BLVR)	
33.9	Other	operations on lung and bronchus	
	33.91	Bronchial dilation	
	33.92	Ligation of bronchus	
	33.93	Puncture of lung	
		Excludes: needle biopsy (33.26)	
	33.98	Other operations on bronchus	
		Excludes: bronchial lavage <u>(96.56)</u> removal of intraluminal foreign body from bronchus  without incision (98.15)	
	33.99	Other operations on lung Whole lung lavage	
		Excludes: other continuous mechanical ventilation (96.70-96.72) respiratory therapy (93.90-93.99)	
		ntions on chest wall, pleura, mediastinum, and diaphragm les: operations on breast (85.0-85.99)	
		on of chest wall and pleura les: that as operative approach omit code	
	34.01	Incision of chest wall Extrapleural drainage	
		Excludes: incision of pleura (34.09)	
	34.02	Exploratory thoracotomy	
	34.03	Reopening of recent thoracotomy site	
	34.04	Insertion of intercostal catheter for drainage Chest tube Closed chest drainage Revision of intercostal catheter (chest tube) (with lysis of adhesions)	
	34.05	Creation of pleuroperitoneal shunt	
	34.09	Other incision of pleura Creation of pleural window for drainage Intercostal stab Open chest drainage Excludes: thoracoscopy (34.21) thoracotomy for collapse of lung (33.32)	
74		OR procedure Non OR procedure but affects ThaiDRG	

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34.1 Incision of mediastinum
     Excludes: mediastinoscopy (34,22)
               mediastinotomy associated with pneumonectomy (32.5)
34.2 Diagnostic procedures on chest wall, pleura, mediastinum, and diaphragm
     34.21 Transpleural thoracoscopy
     34.22 Mediastinoscopy
            Code also any lymph node biopsy (40.11)
     34.23 Biopsy of chest wall
     34.24 Pleural biopsy
     34.25 Closed [percutaneous] [needle] biopsy of mediastinum
     34.26 Open mediastinal biopsy
     34.27 Biopsy of diaphragm
     34.28 Other diagnostic procedures on chest wall, pleura, and diaphragm
            Excludes: angiocardiography (88.50-88.58)
                     aortography (88.42)
                     arteriography of:
                        intrathoracic vessels NEC (88.44)
                       pulmonary arteries (88.43)
                         microscopic examination of specimen from chest wall,
                               pleura, and diaphragm (90.41-90.49)
                     phlebography of:
                        intrathoracic vessels NEC (88.63)
                        pulmonary veins (88.62)
                     radiological examinations of thorax:
                        C.A.T. scan (87.41)
                        diaphragmatic x-ray (87.49)
                        intrathoracic lymphangiogram (87.34)
                        routine chest x-ray (87.44)
                        sinogram of chest wall (87.38)
                        soft tissue x-ray of chest wall NEC (87.39)
                        tomogram of thorax NEC (87.42)
                        ultrasonography of thorax (88.73)
     34.29 Other diagnostic procedures on mediastinum
            Excludes: mediastinal:
                        pneumogram (87.33)
                        x-ray NEC (87.49)
34.3 Excision or destruction of lesion or tissue of mediastinum
     Excludes: biopsy of mediastinum (34.25-34.26)
               mediastinal fistulectomy (34.73)
34.4 Excision or destruction of lesion of chest wall
        Excision of lesion of chest wall NOS (with excision of ribs)
     Excludes: biopsy of chest wall (34.23)
               costectomy not incidental to thoracic procedure (77.91)
               excision of lesion of:
                 breast (85.20-85.25)
                 cartilage (80.89)
                 skin (86.2-86.3)
               fistulectomy (34.73)
```

New code R Revised code 4th digit required

# 34.5 Pleurectomy 34.51 Decortication of lung 34.59 Other excision of pleura Excision of pleural lesion Excludes: biopsy of pleura (34.24) pleural fistulectomy (34.73) 34.6 Scarification of pleura Pleurosclerosis Excludes: injection of sclerosing agent (34.92) 34.7 Repair of chest wall 34.71 Suture of laceration of chest wall Excludes: suture of skin and subcutaneous tissue alone (86.59) 34.72 Closure of thoracostomy 34.73 Closure of other fistula of thorax Closure of bronchopleural fistula bronchopleurocutaneous fistula bronchopleuromediastinal fistula 34.74 Repair of pectus deformity Repair of: pectus carinatum (with implant) pectus excavatum (with implant) 34.79 Other repair of chest wall Repair of chest wall NOS 34.8 Operations on diaphragm 34.81 Excision of lesion or tissue of diaphragm Excludes: biopsy of diaphragm (34.27) 34.82 Suture of laceration of diaphragm 34.83 Closure of fistula of diaphragm Thoracicoabdominal fistulectomy Thoracicogastric fistulectomy Thoracicointestinal fistulectomy 34.84 Other repair of diaphragm Excludes: repair of diaphragmatic hernia (53.7-53.82) 34.85 Implantation of diaphragmatic pacemaker 34.89 Other operations on diaphragm

### 34.9 Other operations on thorax

34.91 Thoracentesis

34.92 Injection into thoracic cavity ®

Chemical pleurodesis Injection of cytotoxic agent or tetracycline Instillation into thoracic cavity

Requires additional code for any cancer chemotherapeutic substance (99.25)

Excludes: that for collapse of lung (33.32)

34.93 Repair of pleura

34.99 Other

Excludes: removal of:

mediastinal drain (97.42) sutures (97.43) thoracotomy tube (97.41)

#### 7. OPERATIONS ON THE CARDIOVASCULAR SYSTEM (35-39)

### 35 Operations on valves and septa of heart

Includes: sternotomy (median) (transverse) as operative approach thoracotomy as operative approach

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machinel (39.61)

#### 35.0 Closed heart valvotomy

Excludes: percutaneous (balloon) valvuloplasty (35.96)

- 35.00 Closed heart valvotomy, unspecified valve
- 35.01 Closed heart valvotomy, aortic valve
- 35.02 Closed heart valvotomy, mitral valve
- 35.03 Closed heart valvotomy, pulmonary valve
- 35.04 Closed heart valvotomy, tricuspid valve

#### 35.1 Open heart valvuloplasty without replacement

Includes: open heart valvotomy

Excludes: that associated with repair of:

endocardial cushion defect (35.54, 35.63, 35.73)

valvular defect associated with atrial and ventricular septal

defects (35.54, 35.63, 35.73)

percutaneous (balloon) valvuloplasty (35.96)

Code also cardiopulmonary bypass if performed [extracorporeal circulation] [heart-lung machine] (39.61)

- 35.10 Open heart valvuloplasty without replacement, unspecified valve
- 35.11 Open heart valvuloplasty of aortic valve without replacement
- 35.12 Open heart valvuloplasty of mitral valve without replacement
- 35.13 Open heart valvuloplasty of pulmonary valve without replacement
- 35.14 Open heart valvuloplasty of tricuspid valve without replacement

#### 35.2 Replacement of heart valve

Includes: excision of heart valve with replacement

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine (39.61)

Excludes: that associated with repair of:

endocardial cushion defect (<u>35.54</u>, <u>35.63</u>, <u>35.73</u>)

valvular defect associated with atrial and ventricular septal defects (35.54, 35.63, 35.73)

35.20 Replacement of unspecified heart valve

Repair of unspecified heart valve with tissue graft or prosthetic implant

#### 35.21 Replacement of aortic valve with tissue graft

Repair of aortic valve with tissue graft (autograft) (heterograft) (homograft)

78	OR procedure	Non OR	procedure b	out affects	ThaiDRG

#### ICD-9-CM TABULAR LIST OF PROCEDURES (FY07)

### 35.22 Other replacement of aortic valve

Repair of aortic valve with replacement:

NOS prosthetic (partial) (synthetic) (total)

### 35.23 Replacement of mitral valve with tissue graft

Repair of mitral valve with tissue graft (autograft) (heterograft) (homograft)

### 35.24 Other replacement of mitral valve

Repair of mitral valve with replacement:

prosthetic (partial) (synthetic) (total)

### 35.25 Replacement of pulmonary valve with tissue graft

Repair of pulmonary valve with tissue graft (autograft) (heterograft) (homograft)

### 35.26 Other replacement of pulmonary valve

Repair of pulmonary valve with replacement:

NOS prosthetic (partial) (synthetic) (total)

### 35.27 Replacement of tricuspid valve with tissue graft

Repair of tricuspid valve with tissue graft (autograft) (heterograft) (homograft)

### 35.28 Other replacement of tricuspid valve

Repair of tricuspid valve with replacement:

prosthetic (partial) (synthetic) (total)

#### 35.3 Operations on structures adjacent to heart valves

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machinel (39.61)

### 35.31 Operations on papillary muscle

Division of papillary muscle Reattachment of papillary muscle Repair of papillary muscle

#### 35.32 Operations on chordae tendineae

Division of chordae tendineae Repair of chordae tendineae

### 35.33 Annuloplasty

Plication of annulus

#### 35.34 Infundibulectomy

Right ventricular infundibulectomy

#### 35.35 Operations on trabeculae carneae cordis

Division of trabeculae carneae cordis Excision of trabeculae carneae cordis Excision of aortic subvalvular ring

#### 35.39 Operations on other structures adjacent to valves of heart

Repair of sinus of Valsalva (aneurysm)

		ICD-9-CM TABULAR LIST OF PROCEDURES (FY07)	
35.4	Produ	ction of septal defect in heart	
	35.41	Enlargement of existing atrial septal defect Rashkind procedure Septostomy (atrial) (balloon)	
	35.42	Creation of septal defect in heart Blalock-Hanlon operation	
35.5	Repair	of atrial and ventricular septa with prosthesis	
	Includes: repair of septa with synthetic implant or patch Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)		
	35.50	Repair of unspecified septal defect of heart with prosthesis	
		Excludes: that associated with repair of: endocardial cushion defect (35.54) septal defect associated with valvular defect (35.54)	
	35.51	Repair of atrial septal defect with prosthesis, open technique Atrioseptoplasty with prosthesis Correction of atrial septal defect with prosthesis Repair: foramen ovale (patent)	
		with prosthesis ostium secundum defect with prosthesis	
		Excludes: that associated with repair of: atrial septal defect associated with valvular and ventricular septal defects (35.54) endocardial cushion defect (35.54)	
	35.52	Repair of atrial septal defect with prosthesis, closed technique Insertion of atrial septal umbrella [King-Mills]	
	35.53	Repair of ventricular septal defect with prosthesis, open technique ®  Correction of ventricular septal defect with prosthesis Repair of supracristal defect with prosthesis	
		Excludes: that associated with repair of: endocardial cushion defect (35.54) ventricular defect associated with valvular and atrial septal defects (35.54)	
	35.54	Repair of endocardial cushion defect with prosthesis Repair:	
		atrioventricular canal with prosthesis (grafted to septa) ostium primum defect with prosthesis (grafted to septa) valvular defect associated with atrial and ventricular septal defects with prosthesis (grafted to septa)	
		Excludes: repair of isolated: atrial septal defect (35.51-35.52) valvular defect (35.20, 35.22, 35.24, 35.26, 35.28) ventricular septal defect (35.53)	

35.55 Repair of ventricular septal defect with prosthesis, closed technique

### 35.6 Repair of atrial and ventricular septa with tissue graft

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machinel (39.61)

### 35.60 Repair of unspecified septal defect of heart with tissue graft

Excludes: that associated with repair of:

endocardial cushion defect (35.63)

septal defect associated withvalvular defect (35.63)

### 35.61 Repair of atrial septal defect with tissue graft

Atrioseptoplasty with tissue graft

Correction of atrial septal defect with tissue graft

Repair:

foramen ovale (patent) with tissue graft ostium secundum defect with tissue graft

Excludes: that associated with repair of:

atrial septal defect associated with valvular and

ventricular septal defects (35.63) endocardial cushion defect (35.63)

### 35.62 Repair of ventricular septal defect with tissue graft

Correction of ventricular septal defect with tissue graft

Repair of supracristal defect with tissue graft

Excludes: that associated with repair of:

endocardial cushion defect(35.63)

ventricular defect associate with valvular and atrial septal

defects (35.63)

### 35.63 Repair of endocardial cushion defect with tissue graft

Repair of:

atrioventricular canal with tissue graft

ostium primum defect with tissue graft

valvular defect associated with atrial and ventricular septal defects with tissue graft

Excludes: repair of isolated:

atrial septal defect (35.61)

valvular defect (35.20-35.21, 35.23, 35.25, 35.27)

ventricular septal defect (35.62)

#### 35.7 Other and unspecified repair of atrial and ventricular septa

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machinel (39.61)

# 35.70 Other and unspecified repair of unspecified septal defect of heart

Repair of septal defect NOS

Excludes: that associated with repair of:

endocardial cushion defect (35.73)

septal defect associated wit valvular defect (35.73)

#### 35.71 Other and unspecified repair of atrial septal defect

Repair NOS:

atrial septum

foramen ovale (patent)

ostium secundum defect

#### ICD-9-CM TABULAR LIST OF PROCEDURES (FY07)

Excludes: that associated with repair of:

atrial septal defect associated with valvular ventricular

septal defects (35.73)

endocardial cushion defect (35.73)

### 35.72 Other and unspecified repair of ventricular septal defect

Repair NOS:

supracristal defect ventricular septum

Excludes: that associated with repair of:

endocardial cushion defect (35.73)

ventricular septal defect associated with valvular and atrial

septal defects (35.73)

### 35.73 Other and unspecified repair of endocardial cushion defect

Repair NOS:

atrioventricular canal

ostium primum defect

valvular defect associated with atrial and ventricular septal defects

Excludes: repair of isolated:

atrial septal defect (35.71)

valvular defect (35.20, 35.22, 35.24, 35.26, 35.28)

ventricular septal defect (35.72)

### 35.8 Total repair of certain congenital cardiac anomalies

Note: For partial repair of defect [e.g. repair of atrial septal defect in tetralogy of Fallot] -- code to specific procedure

#### 35.81 Total repair of tetralogy of Fallot

One-stage total correction of tetralogy of Fallot with or without:

commissurotomy of pulmonary valve

infundibulectomy

outflow tract prosthesis

patch graft of outflow tract

prosthetic tube for pulmonary artery

repair of ventricular septal defect (with prosthesis)

take-down of previous systemic-pulmonary artery anastomosis

### 35.82 Total repair of total anomalous pulmonary venous connection

One-stage total correction of total anomalous pulmonary venous connection with or without:

anastomosis between (horizontal) common pulmonary trunk and posterior wall of left atrium (side-to-side)

enlargement of foramen ovale

incision [excision] of common wall between posterior left atrium and coronary sinus and roofing of resultant defect with patch graft (synthetic)

ligation of venous connection (descending anomalous vein) (to left innominate vein) (to superior vena cava)

repair of atrial septal defect (with prosthesis)

### 35.83 Total repair of truncus arteriosus

One-stage total correction of truncus arteriosus with or without: construction (with aortic homograft) (with prosthesis) of a pulmonary artery placed from right ventricle to arteries supplying the lung

ligation of connections between aorta and pulmonary artery repair of ventricular septal defect (with prosthesis)

### 35.84 Total correction of transposition of great vessels, not elsewhere classified

Arterial switch operation [Jatene]

Total correction of transposition of great arteries at the arterial level by switching the great arteries, including the left or both coronary arteries, implanted in the wall of the pulmonary artery

Excludes: baffle operation [Mustard] [Senning] (35.91) creation of shunt between right ventricle and pulmonary artery [Rastelli] (35.92)

#### 35.9 Other operations on valves and septa of heart

Code also cardiopulmonary bypass, if performed [extracorporeal circulation] [heart-lung machine] (39.61)

### 35.91 Interatrial transposition of venous return

Baffle:

atrial

interatrial

Mustard's operation

Resection of atrial septum and insertion of patch to direct systemic venous return to tricuspid valve and pulmonary venous return to mitral valve

### 35.92 Creation of conduit between right ventricle and pulmonary artery Creation of shunt between right ventricle and (distal) pulmonary artery

Excludes: that associated with total repair of truncus arteriosus (35.83)

# 35.93 Creation of conduit between left ventricle and aorta

Creation of apicoaortic shunt Shunt between apex of left ventricle and aorta

### 35.94 Creation of conduit between atrium and pulmonary artery Fontan procedure

#### 35.95 Revision of corrective procedure on heart

Replacement of prosthetic heart valve poppet Resuture of prosthesis of:

septum

valve

Excludes: complete revision -- code to specific procedure replacement of prosthesis or graft of: septum (35.50-35.63) valve (35.20-35.28)

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35.96 Percutaneous valvuloplastv
              Percutaneous balloon valvuloplasty
     35.98 Other operations on septa of heart
     35.99 Other operations on valves of heart
36 Operations on vessels of heart ®
     Includes: sternotomy (median) (transverse) as operative approach
              thoracotomy as operative approach
     Code also anv:
       cardiopulmonary bypass, if performed [extracorporeal circulation] [heart-
           lung machine] (39.61)
        injection or infusion of platelet inhibitor (99.20)
        injection or infusion of thrombolytic agent (99.10)
36.0 Removal of coronary artery obstruction and insertion of stent(s)
     36.03 Open chest coronary artery angioplasty ®
              Coronary (artery):
                endarterectomy (with patch graft)
                thromboendarterectomy (with patch graft)
              Open surgery for direct relief of coronary artery obstruction
            Excludes: that with coronary artery bypass graft (36.10-36.19)
            Code also anv:
               insertion of drug-eluting coronary stent(s) (36.07)
               insertion of non-drug-eluting coronary stent(s) (36.06)
               number of vascular stents inserted (00.45-00.48)
               number of vessels treated (00.40-00.43)
               procedure on vessel bifurcation (00.44)
     36.04 Intracoronary artery thrombolytic infusion ®
              That by direct coronary artery injection, infusion, or catheterization
                enzyme infusion
                 Platelet inhibitor
            Excludes: infusion of platelet inhibitor (99.20)
                     infusion of thrombolytic agent (99.10)
                     that associated with any procedure in 36.03
     36.06 Insertion of non-drug-eluting coronary artery stent(s) ®
               Rare stent(s)
               Bonded stent(s)
               Drug-coated stent(s), i.e. heparin coated
               Endograft(s)
               Endovascular graft(s)
               Stent grafts
             Code also anv:
                number of vascular stents inserted (00.45-00.48)
                number of vessels treated (00.40-00.43)
                open chest coronary artery angioplasty (36.03)
                percutaneous transluminal coronary angioplasty [PTCA] or
                  coronary atherectomy (00.66)
                procedure on vessel bifurcation (00.44)
            Excludes: insertion of drug-eluting coronary artery stent(s) (36.07)
            OR procedure
                                  Non OR procedure but affects ThaiDRG
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# |36.07| Insertion of drug-eluting coronary artery stent(s) $|8\rangle$ Endograft(s) Endovascular graft(s) Stent graft(s) Code also anv: number of vascular stents inserted (00.45-00.48) number of vessels treated (00.40-00.43) open chest coronary artery angioplasty (36.03) percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy (00.66) procedure on vessel bifurcation (00.44) Excludes: drug-coated stents, e.g., heparin coated (36.06) insertion of non-drug-eluting coronary artery stent(s) (36.06) 36.09 Other removal of coronary artery obstruction ® Coronary angioplasty NOS Code also anv: number of vascular stents inserted (00.45-00.48) number of vessels treated (00.40-00.43) procedure on vessel bifurcation (00.44) Excludes: that by open angioplasty (36.03) that by percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy (00.66) \* Delete code 36.01, 36.02, 36.05 (replace with 00.66) 36.1 Bypass anastomosis for heart revascularization ® Note: Do not assign codes from series 00.40-00.43 with codes from series 36.10-36.19 Code also: cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61) pressurized treatment of venous bypass graft [conduit] with pharmaceutical substance, if performed (00.16) 36.10 Aortocoronary bypass for heart revascularization, not otherwise specified Direct revascularization: cardiac with catheter stent, prosthesis, or vein graft coronary with catheter stent, prosthesis, or vein graft heart muscle with catheter stent, prosthesis, or vein graft myocardial with catheter stent, prosthesis, or vein graft Heart revascularization NOS 36.11 (Aorto)coronary bypass of one coronary artery 36.12 (Aorto)coronary bypass of two coronary arteries 36.13 (Aorto)coronary bypass of three coronary arteries 36.14 (Aorto)coronary bypass of four or more coronary arteries 36.15 Single internal mammary-coronary artery bypass Anastomosis (single): mammary artery to coronary artery

thoracic artery to coronary artery

## 36.16 Double internal mammary-coronary artery bypass Anastomosis, double: mammary artery to coronary artery thoracic artery to coronary artery 36.17 Abdominal - coronary artery bypass Anastomosis: Gastroepiploic - coronary artery 36.19 Other bypass anastomosis for heart revascularization 36.2 Heart revascularization by arterial implant Implantation of: aortic branches [ascending aortic branches] into heart muscle blood vessels into myocardium internal mammary artery [internal thoracic artery] into: heart muscle mvocardium ventricle ventricular wall Indirect heart revascularization NOS 36.3 Other heart revascularization 36.31 Open chest transmyocardial revascularization 36.32 Other transmyocardial revascularization 🛭 36.33 Endoscopic transmyocardial revascularization 🎏 Robot-assisted transmyocardial revascularization Thoracoscopic transmyocardial revascularization 36.34 Percutaneous transmyocardial revascularization 🎏 Endovascular transmyocardial revascularization 36.39 Other heart revascularization Abrasion of epicardium Cardio-omentopexy Intrapericardial poudrage Myocardial graft: mediastinal fat omentum pectoral muscles 36.9 Other operations on vessels of heart Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine (39.61) 36.91 Repair of aneurysm of coronary vessel 36.99 Other operations on vessels of heart Exploration of coronary artery Incision of coronary artery

Ligation of coronary artery Repair of arteriovenous fistula

### 37 Other operations on heart and pericardium

Code also any injection or infusion of platelet inhibitor (99.20)

#### 37.0 Pericardiocentesis

#### 37.1 Cardiotomy and pericardiotomy

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machinel (39 61)

### 37.10 Incision of heart, not otherwise specified

Cardiolysis NOS

#### 37.11 Cardiotomy

Incision of:

atrium

endocardium

mvocardium

ventricle

#### 37.12 Pericardiotomy

Pericardial window operation

Pericardiolysis

Pericardiotomy

### 37.2 Diagnostic procedures on heart and pericardium

### 37.20 Noninvasive programmed electrical stimulation (NIPS) 🎏

Excludes: that as part of intraoperative testing - omit code catheter based invasive electrophysiologic testing (37.26) device interrogation only without arrhythmia induction (bedside check) (89.45-89.49)

# 37.21 Right heart cardiac catheterization

Cardiac catheterization NOS

Excludes: that with catheterization of left heart (37.23)

#### 37.22 Left heart cardiac catheterization

Excludes: that with catheterization of right heart (37.23)

37.23 Combined right and left heart cardiac catheterization

37.24 Biopsy of pericardium

37.25 Biopsy of heart

#### 37.26 Catheter based invasive electrophysiologic testing 8

Electrophysiologic studies [EPS]

Code also any concomitant procedure

Excludes: that as part of intraoperative testing - omit code device interrogation only without arrhythmia induction

> (bedside check) (89.45-89.49) His bundle recording (37.29)

noninvasive programmed electrical stimulation (NIPS)

(37.20)

### 37.27 Cardiac mapping

Code also any concomitant procedure

Excludes: electrocardiogram (89.52)

His bundle recording (37.29)

### 37.28 Intracardiac echocardiography

Echocardiography of heart chambers ICE

Code also any synchronous Doppler flow mapping (88.72)

Excludes: intravascular imaging of coronary vessels (intravascular

ultrasound)(IVUS) (00.24)

### 37.29 Other diagnostic procedures on heart and pericardium

Excludes: angiocardiography (88.50-88.58)

cardiac function tests (89.41-89.69)

cardiovascular radioisotopic scan and function study (92.05)

coronary arteriography (88.55-88.57) diagnostic pericardiocentesis (37.0) diagnostic ultrasound of heart (88.72)

x-ray of heart (87.49)

#### 37.3 Pericardiectomy and excision of lesion of heart

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine (39.61)

#### 37.31 Pericardiectomy

Excision of:

adhesions of pericardium constricting scar of:

epicardium pericardium

### 37.32 Excision of aneurysm of heart

Repair of aneurysm of heart

### 37.33 Excision or destruction of other lesion or tissue of heart, open approach

Ablation of heart tissue (cryoablation) (electrocurrent) (laser) (microwave) (radiofrequency) (resection), open chest approach

Cox-maze procedure Maze procedure

Modified maze procedure, trans-thoracic approach

Excludes: ablation, excision or destruction of lesion or tissue of heart, endovascular approach (37.34)

### 37.34 Excision or destruction of other lesion or tissue of heart, other approach

Ablation of heart tissue (cryoablation) (electrocurrent)(laser) (microwave) (radiofrequency) (resection), via peripherally inserted catheter

Modified maze procedure, endovascular approach

#### 37.35 Partial ventriculectomy

Ventricular reduction surgery Ventricular remodeling

Code also any synchronous:

mitral valve repair (35.02, 35.12)

mitral valve replacement (35.23 - 35.24)

### 37.4 Repair of heart and pericardium

### 37.41 Implantation of prosthetic cardiac support device around the heart

Cardiac support device (CSD)

Epicardial support device

Fabric (textile) (mesh) device

Ventricular support device on surface of heart

#### Code also anv:

cardiopulmonary bypass [extracorporeal circulation] [heart-lung

machinel if performed (39.61)

mitral valve repair (35.02, 35.12)

mitral valve replacement (35.23 - 35.24) transesophageal echocardiography (88.72)

Excludes: circulatory assist systems (37.61 - 37.68)

### 37.49 Other repair of heart and pericardium

#### 37.5 Heart replacement procedures

### 37.51 Heart transplantation

Excludes: combined heart-lung transplantation (33.6)

#### 37.52 Implantation of total replacement heart system

Artificial heart

Implantation of fully implantable total replacement heart system, including ventriculectomy

Excludes: implantation of heart assist system [VAD]

(37.62, 37.65, 37.66)

#### 37.53 Replacement or repair of thoracic unit of total replacement heart system

Excludes: replacement and repair of heart assist system [VAD](37.63)

### 37.54 Replacement or repair of other implantable component of total replacement heart system

Implantable battery

Implantable controller

Transcutaneous energy transfer [TET] device

Excludes: replacement and repair of heart assist system [VAD] (37.63) replacement or repair of thoracic unit of total replacement heart system (37.53)

37.6	Impla	ntation of heart and circulatory assist system 🖔
	Exclud	es: implantation of prosthetic cardiac support system (37.41)
	37.61	Implant of pulsation balloon
	37.62	Insertion of non-implantable heart assist system Insertion of heart assist system, NOS Insertion of heart pump
		Excludes: implantation of total replacement heart system (37.52) insertion of percutaneous external heart assist device (37.68)
	37.63	Repair of heart assist system Replacement of parts of an existing ventricular assist device (VAD)
	37.64	Excludes: replacement or repair of other implantable component of total replacement heart system [artificial heart] (37.54) replacement or repair of thoracic unit of total replacement heart system [artificial heart] (37.53)  Removal of heart assist system
		Excludes: that with replacement of implant (37.63) explantation [removal] of percutaneous external heart assist device (97.44)
	37.65	nonoperative removal of heart assist system (97.44) Implant of external heart assist system Note: Device (outside the body but connected to heart) with external circulation and pump. Includes open chest (sternotomy) procedure for cannulae attachments
		Excludes: implant of pulsation balloon (37.61) implantation of total replacement heart system (37.52) insertion of percutaneous external heart assist device (37.68)
	37.66	Insertion of implantable heart assist system ® Axial flow heart assist system Diagonal pump heart assist system Left ventricular assist device (LVAD) Pulsatile heart assist system Right ventricular assist device (RVAD) Rotary pump heart assist system Transportable, implantable heart assist system Ventricular assist device (VAD) not otherwise specified
		Note: Device directly connected to the heart and implanted in the upper left quadrant of peritoneal cavity.
		This device can be used for either destination therapy (DT) or bridge-to-transplant (BTT)
	ı	Excludes: implant of pulsation balloon (37.61) implantation of total replacement heart system [artificial heart] (37.52) insertion of percutaneous external heart assist device (37.68)

37.67 Implantation of cardiomyostimulation system

Note: Two-step open procedure consisting of transfer of one end of the latissimus dorsi muscle: wrapping it around the heart: rib resection; implantation of epicardial cardiac pacing leads into the right ventricle: tunneling and pocket creation for the cardiomyostimulator.

37.68 Insertion of percutaneous external heart assist device

Includes percutaneous [femoral] insertion of cannulae attachments Circulatory assist device

Extrinsic heart assist device

σVAD

Percutaneous heart assist device

37.7 Insertion, revision, replacement, and removal of leads; insertion of temporary pacemaker system; or revision of cardiac device pocket ®

Code also any insertion and replacement of pacemaker device (37.80-37.87)

Excludes: implantation or replacement of transvenous lead [electrode] into left ventricular cardiac venous system (00.52)

37.70 Initial insertion of lead [electrode], not otherwise specified

Excludes: insertion of temporary transvenous pacemaker system (37.78)

replacement of atrial and/or ventricular lead(s) (37.76)

37.71 Initial insertion of transvenous lead [electrode] into ventricle Excludes: insertion of temporary transvenous pacemaker system (37.78)

replacement of atrial and/or ventricular lead(s) (37.76)

37.72 Initial insertion of transvenous leads [electrodes] into atrium and ventricle

Excludes: insertion of temporary transvenous pacemaker system (37.78)

replacement of atrial and/or ventricular lead(s) (37.76)

37.73 Initial insertion of transvenous lead [electrode] into atrium Excludes: insertion of temporary transvenous pacemaker system

replacement of atrial and/or ventricular lead(s) (37.76)

37.74 Insertion or replacement of epicardial lead [electrode] into epicardium

Insertion or replacement of epicardial by:

sternotomy

thoracotomy

Excludes: replacement of atrial and/or ventricular lead(s) (37.76)

37.75 Revision of lead [electrode] ®

(37.78)

Repair of electrode [removal with re-insertion] Repositioning of lead(s) (AICD) (cardiac device) (CRT-D) (CRT-P) (defibrillator) (pacemaker) (pacing) (sensing) [electrode] Revision of lead NOS

Excludes: repositioning of temporary transvenous pacemaker system -- omit code



# 37.76 Replacement of transvenous atrial and/or ventricular lead(s) [electrode] Removal or abandonment of existing transvenous or epicardial lead(s) with transvenous lead(s) replacement Excludes: replacement of epicardial lead [electrode] (37.74) 37.77 Removal of lead(s) [electrode] without replacement Removal: epicardial lead (transthoracic approach) transvenous lead(s) Excludes: removal of temporary transvenous pacemaker system -- omit code that with replacement of: atrial and/or ventricular lead(s) [electrode] (37.76) epicardial lead [electrode] (37.74) 37.78 Insertion of temporary transvenous pacemaker system Excludes: intraoperative cardiac pacemaker (39.64) 37.79 Revision or relocation of pacemaker pocket ® Debridement and reforming pocket (skin and subcutaneous tissue) Insertion of loop recorder Relocation of pocket [creation of new pocket] pacemaker or CRT-P Removal of cardiac device/pulse generator without replacement Removal of the implantable hemodynamic presssure sensor (lead) and monitor device Removal without replacement of cardiac resynchronization defibrillator device Repositioning of implantable hemodynamic pressure sensor (lead) and monitor device Repositioning of pulse generator Revision of cardioverter/defibrillator (automatic) pocket Revision of pocket for intracardiac hemodynamic monitoring Revision or relocation of CRT-D pocket Revision or relocation of pacemaker, defibrillator, or other implanted cardiac device pocket Excludes: removal of loop recorder (86.05) 37.8 Insertion, replacement, removal, and revision of pacemaker device ® Note: Device testing during procedure - omit code Code also any lead insertion, lead replacement, lead removal and/or lead revision (37.70-37.77) Excludes: implantation of cardiac resynchronization pacemaker[CRT-P](00.50) implantation or replacement of cardiac resynchronization pacemaker pulse generator only [CRT-P] (00.53) 37.80 Insertion of permanent pacemaker, initial or replacement, type of device not specified 37.81 Initial insertion of single-chamber device, not specified as rate responsive Excludes: replacement of existing pacemaker device (37.85-37.87)

Non OR procedure but affects ThaiDRG

OR procedure

- 37.82 Initial insertion of single-chamber device, rate responsive Rate responsive to physiologic stimuli other than atrial rate Excludes: replacement of existing pacemaker device (37.85-37.87) 37.83 Initial insertion of dual-chamber device Atrial ventricular sequential device Excludes: replacement of existing pacemaker device (37.85-37.87) 37.85 Replacement of any type pacemaker device with single-chamber device, not specified as rate responsive 37.86 Replacement of any type of pacemaker device with singlechamber device, rate responsive Rate responsive to physiologic stimuli other than atrial rate 37.87 Replacement of any type pacemaker device with dual-chamber device Atrial ventricular sequential device 37.89 Revision or removal of pacemaker device Removal without replacement of cardiac resynchronization pacemaker device [CRT-P] Repair of pacemaker device Excludes: removal of temporary transvenous pacemaker system -- omit code replacement of existing pacemaker device (37.85-37.87) replacement of existing pacemaker device with CRT-P pacemaker device (00.53) 37.9 Other operations on heart and pericardium 37.90 Insertion of left atrial appendage device Left atrial filter Left atrial occluder Transseptal catheter technique 37.91 Open chest cardiac massage Excludes: closed chest cardiac massage (99.63) 37.92 Injection of therapeutic substance into heart 37.93 Injection of therapeutic substance into pericardium 37.94 Implantation or replacement of automatic cardioverter/ defibrillator, total system [AICD] ® Implantation of defibrillator with leads (epicardial patches), formation of pocket (abdominal fascia) (subcutaneous), any transvenous leads, intraoperative procedures for evaluation of lead signals, and obtaining defibrillator threshold measurements Techniques: lateral thoracotomy medial sternotomy subxiphoid procedure Note: Device testing during procedure - omit code Code also extracorporeal circulation, if performed (39.61) Code also any concomitant procedure [e.g., coronary bypass] (36.00-36.19)
  - Excludes: implantation of cardiac resynchronization defibrillator, total system [CRT-D] (00.51)

37.95 Implantation of automatic cardioverter/defibrillator lead(s) only 37.96 Implantation of automatic cardioverter/defibrillator pulse generator only ® Note: Device testing during procedure - omit code Excludes: implantation or replacement of cardiac resynchronization defibrillator, pulse generator device only [CRT-D] (00.54) 37.97 Replacement of automatic cardioverter/defibrillator lead(s) only ® Excludes: replacement of epicardial lead [electrode] into epicardium (37.74)replacement of transvenous lead [electrode] into left ventricular coronary venous system (00.52) 37.98 Replacement of automatic cardioverter/defibrillator pulse generator only ® Excludes: replacement of cardiac resynchronization defibrillator, pulse generator device only [CRT-D] (00.54) 37.99 Other ® Excludes: cardiac retraining (93.36) conversion of cardiac rhythm (99.60-99.69) implantation of prosthetic cardiac support device (37.41) insertion of left atrial appendage device (37.90) maze procedure (Cox-maze), open (37.33) maze procedure, endovascular approach (37.34) repositioning of pulse generator (37.79) revision of lead(s) (37.75) revision or relocation of pacemaker, defibrillator or other implanted cardiac device pocket (37.79) 38 Incision, excision, and occlusion of vessels 🙉 Code also any application or administration of an adhesion barrier substance (99.77) cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61) Excludes: that of coronary vessels (00.66, 36.03, 36.04, 36.09, 36.10-36.99) The following fourth-digit subclassification is for use with appropriate categories in section 38.0, 38.1, 38.3, 38.5, 38.6, 38.8, and 38.9 according to site. Valid fourth-digits are in [brackets] at the end of each code/description. O unspecified site 1 intracranial vessels Cerebral (anterior) (middle) Circle of Willis Posterior communicating artery 2 other vessels of head and neck Carotid artery (common) (external) (internal) Jugular vein (external) (internal)

Non OR procedure but affects ThaiDRG

OR procedure

```
3
             upper limb vessels
                  Axillary
                  Brachial
                  Radial
                  Ulnar
         4
             aorta
         5
             other thoracic vessels
                  Innominate
                  Pulmonary (artery) (vein)
                  Subclavian
                  Vena cava, superior
             abdominal arteries
         6
                  Celiac
                                    Mesenteric
                  Gastric
                                    Renal
                  Hepatic
                                    Splenic
                  lliac
                                    Umbilical
             Excludes: abdominal aorta (4)
         7
             abdominal veins
                  lliac
                  Portal
                  Renal
                  Splenic
                  Vena cava (inferior)
         8
             lower limb arteries
                  Femoral (common) (superficial)
                  Popliteal
                  Tibial
             lower limb veins
         q
                  Femoral
                                    Saphenous
                  Popliteal
                                    Tibial
38.0 Incision of vessel 4
         Embolectomy
         Thrombectomy
         Excludes: endovascular removal of obstruction from head and neck
                   vessel(s) (39.74)
                  puncture or catheterization of any:
                     artery (38.91, 38.98)
                     vein (38.92-38.95, 38.99)
38.1 Endarterectomy 4 ®
[0.6,8]
        Endarterectomy with:
           embolectomy
           patch graft
           temporary bypass during procedure
           thrombectomy
       Code also any:
          number of vascular stents inserted (00.45-00.48)
          number of vessels treated (00.40-00.43)
          procedure on vessel bifurcation (00.44)
```

[0-9]

```
38.2 Diagnostic procedures on blood vessels ®
     Excludes: adjunct vascular system procedures (00.40-00.43)
     38.21 Biopsy of blood vessel
     38.22 Percutaneous angioscopy
            Excludes: anaioscopy of eve (95.12)
     38.29 Other diagnostic procedures on blood vessels
             Excludes: blood vessel thermography (88.86)
                      circulatory monitoring (89.61-89.69)
                      contrast:
                        angiocardiography (88.50-88.58)
                        arteriography (88.40-88.49)
                        phleboaraphy (88.60-88.67)
                      impedance phlebography (88.68)
                      peripheral vascular ultrasonography (88.77)
                      plethysmogram (89.58)
38.3 Resection of vessel with anastomosis 4
[0-9]
        Angiectomy
         Excision of:
           aneurysm (arteriovenous) with anastomosis
           blood vessel (lesion) with anastomosis
38.4 Resection of vessel with replacement 4 ®
[0-9]
        Angiectomy
         Excision of:
           aneurysm (arteriovenous) or blood vessel (lesion) with replacement
         Partial resection with replacement
      Excludes: endovascular repair of aneurysm (39.71 - 39.79)
     Requires the use of one of the following fourth-digit subclassifications to
     identify site:
         0
             unspecified site
         1
             intracranial vessels
                  Cerebral (anterior) (middle)
                  Circle of Willis
                  Posterior communicating artery
         2
             other vessels of head and neck
                  Carotid artery (common) (external) (internal)
                 Jugular vein (external) (internal)
         3
             upper limb vessels
                  Axillary
                  Brachial
                  Radial
                  Ulnar
         4
             aorta. abdominal
             Code also any thoracic vessel involvement (thoracoabdominal
                procedure) (38.45)
```

5

thoracic vessels

```
Aorta (thoracic)
                  Innominate
                  Pulmonary (artery) (vein)
                  Subclavian
                  Vena cava, superior
             Code also any abdominal aorta involvement (thoracoabdominal
                      procedure) (38.44)
         6
             abdominal arteries
                  Celiac
                                    Mesenteric
                  Gastric
                                    Renal
                                    Splenic
                  Hepatic
                  lliac
                                    Umbilical
             Excludes: abdominal aorta (4)
         7
             abdominal veins
                  lliac
                  Portal
                  Renal
                  Splenic
                  Vena cava (inferior)
             lower limb arteries
                  Femoral (common) (superficial)
                  Popliteal
                  Tibial
             lower limb veins
                  Femoral
                  Popliteal
                  Saphenous
                  Tibial
38.5 Ligation and stripping of varicose veins 4
[0-3,5,7,9] Excludes: ligation of varices:
                       esophageal (42.91)
                       aastric (44.91)
38.6 Other excision of vessel 4
[0-9]
         Excision of blood vessel (lesion) NOS
     Excludes: excision of vessel for aortocoronary bypass (36.10-36.14)
                excision with:
                  anastomosis (38.30-38.39)
                  graft replacement (38.40-38.49)
                  implant (38.40-38.49)
38.7 Interruption of the vena cava
         Insertion of implant or sieve in vena cava
         Ligation of vena cava (inferior) (superior)
         Plication of vena cava
```

```
38.8 Other surgical occlusion of vessels 4
        Clamping of blood vessel
[0-9]
         Division of blood vessel
         Ligation of blood vessel
         Occlusion of blood vessel
      Excludes: adrenal vessels (07.43)
                esophageal varices (42.91)
                aastric or duodenal vessel for ulcer (44.40-44.49)
                gastric varices (44.91)
                meningeal vessel (02.13)
                percutaneous transcatheter infusion embolization (99.29)
                spermatic vein for varicocele (63.1)
                suraical occlusion of vena cava (38.7)
                that for chemoembolization (99.25)
                that for control of (postoperative) hemorrhage:
                  anus (49.95)
                  bladder (57.93)
                  following vascular procedure (39.41)
                  nose (21.00-21.09)
                  prostate (60.94)
                  tonsil (28.7)
                  thyroid vessel (06.92)
                transcatheter (infusion) (99.29)
38.9 Puncture of vessel
      Excludes: that for circulatory monitoring (89.60-89.69)
     38.91 Arterial catheterization
     38.92 Umbilical vein catheterization
     38.93 Venous catheterization, not elsewhere classified
             Excludes: that for cardiac catheterization (37.21-37.23)
                       that for renal dialysis (38.95)
     38.94 Venous cutdown
      38.95 Venous catheterization for renal dialysis
             Excludes: insertion of totally implantable vascular access device [VAD]
                       (86.07)
      38.98 Other puncture of artery
             Excludes: that for:
                        arteriography (88.40-88.49)
                        coronary arteriography (88.55-88.57)
```

#### 38.99 Other puncture of vein

Phlebotomy

Excludes: that for:

angiography (88.60-88.69)

extracorporeal circulation (39.61, 50.92)

injection or infusion of:

sclerosina solution (39.92)

therapeutic or prophylactic substance (99.11-99.29)

perfusion (39.96-39.97)

phlebography (88.60-88.69) transfusion (99.01-99.09)

### 39 Other operations on vessels

Excludes: those on coronary vessels (36.00-36.99)

### 39.0 Systemic to pulmonary artery shunt

Descending aorta-pulmonary artery anastomosis (graft)

Left to right anastomosis (graft)

Subclavian-pulmonary anastomosis (graft)

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machinel (39.61)

#### 39.1 Intra-abdominal venous shunt

Anastomosis:

mesocaval

portacaval

portal vein to inferior vena cava

splenic and renal veins

transjugular intrahepatic portosystemic shunt (TIPS)

Excludes: peritoneovenous shunt (54.94)

#### 39.2 Other shunt or vascular bypass

Code also pressurized treatment of venous bypass graft (conduit) with pharmaceutical substance, if performed (00.16)

#### 39.21 Caval-pulmonary artery anastomosis

Code also cardiopulmonary bypass (39.61)

#### 39.22 Aorta-subclavian-carotid bypass

Bypass (arterial):

aorta to carotid and brachial aorta to subclavian and carotid carotid to subclavian

### 39.23 Other intrathoracic vascular shunt or bypass

Intrathoracic (arterial) bypass graft NOS

Excludes: coronary artery bypass (36.10-36.19)

#### 39.24 Aorta-renal bypass

```
39.25 Aorta-iliac-femoral bypass
              Bypass:
                aortofemoral
                aortoiliac
                aortoiliac to popliteal
                aortopopliteal
                iliofemoral [iliac-femoral]
     39.26 Other intra-abdominal vascular shunt or bypass
              Bypass:
                aortoceliac
                aortic-superior mesenteric
                common hepatic-common iliac-renal
              Intra-abdominal arterial bypass graft NOS
             Excludes: peritoneovenous shunt (54.94)
     39.27 Arteriovenostomy for renal dialysis
              Anastomosis for renal dialysis
              Formation of (peripheral) arteriovenous
                fistula for renal [kidney] dialysis
              Code also any renal dialysis (39.95)
     39.28 Extracranial-intracranial (EC-IC) vascular bypass
     39.29 Other (peripheral) vascular shunt or bypass
              Bypass (graft):
                axillary-brachial
                axillary-femoral [axillofemoral] (superficial)
                brachial
                femoral-femoral
                femoroperoneal
                femoropopliteal (arteries)
                femorotibial (anterior) (posterior)
                popliteal
                vascular NOS
             Excludes: peritoneovenous shunt (54.94)
39.3 Suture of vessel
       Repair of laceration of blood vessel
     Excludes: any other vascular puncture closure device - omit code
                suture of aneurysm (39.52)
                that for control of hemorrhage (postoperative):
                  anus (49.95)
                  bladder (57.93)
                  following vascular procedure (39.41)
                  nose (21.00-21.09)
                  prostate (60.94)
                  tonsil (28.7)
     39.30 Suture of unspecified blood vessel
     39.31 Suture of artery
     39.32 Suture of vein
```

### 39.4 Revision of vascular procedure

### 39.41 Control of hemorrhage following vascular surgery

Excludes: that for control of hemorrhage (post operative):

anus (49.95) bladder (57.93) nose (21.00-21.09) prostate (60.94) tonsil (28.7)

39.42 Revision of arteriovenous shunt for renal dialysis

Conversion of renal dialysis:

end-to-end anastomosis to end-to-side end-to-side anastomosis to end-to-end

vessel-to-vessel cannula to arteriovenous shunt

Removal of old arteriovenous shunt and creation of new shunt

Excludes: replacement of vessel-to-vessel cannula (39.94)

#### 39.43 Removal of arteriovenous shunt for renal dialysis

Excludes: that with replacement [revision] of shunt (39.42)

#### 39.49 Other revision of vascular procedure

Declotting (graft) Revision of:

> anastomosis of blood vessel vascular procedure (previous)

### 39.5 Other repair of vessels

# 39.50 Angioplasty or atherectomy of other non-coronary vessel(s) ®

Percutaneous transluminal angioplasty (PTA) of non-coronary vessels:

Lower extremity vessels Mesenteric artery Renal artery

Upper extremity vessels

Code also anv:

injection or infusion of thrombolytic agent (99.10) Insertion of non-coronary stent(s) or stent grafts(s) (39.90) percutaneous insertion of carotid artery stent(s) (00.63) number of vascular stents inserted (00.45-00.48)

number of vessels treated (00.40-00.43) procedure on vessel bifurcation (00.44)

Excludes: percutaneous anaioplasty or atherectomy of precerebral or

cerebral vessel(s) (00.61 -00.62)

#### 39.51 Clipping of aneurysm

Excludes: clipping of arteriovenous fistula (39.53)

39.52 Other repair of aneurysm Repair of aneurysm by: coagulation

```
electrocoagulation
          filipuncture
          methyl methacrylate
          suture
          wiring
          wrapping
       Excludes: endovascular repair of aneurysm (39.71 - 39.79)
                re-entry operation (aorta) (39.54)
                that with.
                  graft replacement (38.40-38.49)
                  resection (38.30-38.49, 38.60-38.69)
39.53 Repair of arteriovenous fistula
        Embolization of carotid cavernous fistula
        Repair of arteriovenous fistula by:
          clipping
          coagulation
          ligation and division
       Excludes: repair of:
                  arteriovenous shunt for renal dialysis (39.42)
                  head and neck vessels, endovascular approach (39.72)
                that with.
                  graft replacement (38.40-38.49)
                  resection (38.30-38.49, 38.60-38.69)
39.54 Re-entry operation (aorta)
        Fenestration of dissecting aneurysm of thoracic aorta
        Code also cardiopulmonary bypass [extracorporeal circulation]
          [heart-lung machine] (39.61)
39.55 Reimplantation of aberrant renal vessel
39.56 Repair of blood vessel with tissue patch graft
      Excludes: that with resection (38.40-38.49)
39.57 Repair of blood vessel with synthetic patch graft
      Excludes: that with resection (38.40-38.49)
39.58 Repair of blood vessel with unspecified type of patch graft
      Excludes: that with resection (38.40-38.49)
39.59 Other repair of vessel
        Aorticopulmonary window operation
        Arterioplasty NOS
        Construction of venous valves (peripheral)
        Plication of vein (peripheral)
        Reimplantation of arterv
      Code also cardiopulmonary bypass [extracorporeal circulation]
         [heart-lung machine] (39.61)
       OR procedure | Non OR procedure but affects ThaiDRG
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reimplantation of renal artery (39.55)

Excludes: interruption of the vena cava (38.7)

```
that with:
                        araft (39.56-39.58)
                        resection (38.30-38.49, 38.60-38.69)
39.6 Extracorporeal circulation and procedures auxiliary to heart surgery
     39.61 Extracorporeal circulation auxiliary to open heart surgery
              Artificial heart and lung
              Cardiopulmonary bypass
              Pump oxygenator
            Excludes: extracorporeal hepatic assistance (50.92)
                      extracorporeal membrane oxygenation [ECMO] (39.65)
                      hemodialysis (39.95)
                      percutaneous cardiopulmonary bypass (39.66)
     39.62 Hypothermia (systemic) incidental to open heart surgery
     39.63 Cardioplegia
              Arrest:
                anoxic
                circulatory
     39.64 Intraoperative cardiac pacemaker
              Temporary pacemaker used during and immediately following
                cardiac surgery
     39.65 Extracorporeal membrane oxygenation [ECMO]
            Excludes: extracorporeal circulation auxiliary to open heart surgery
                       (39.61)
                     percutaneous cardiopulmonary bypass (39.66)
     39.66 Percutaneous cardiopulmonary bypass
              Closed chest
            Excludes: extracorporeal circulation auxiliary to open heart surgery
                       (39.61)
                      extracorporeal hepatic assistance (50.92)
                      extracorporeal membrane oxygenation [ECMO] (39.65)
                      hemodialysis (39.95)
39.7 Endovascular repair of vessel
       Endoluminal repair
     Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50)
               insertion of non-drug-eluting peripheral vessel stent(s) (39.90)
               other repair of aneurysm (39.52)
               percutaneous insertion of carotid artery stent(s) (00.63)
               percutaneous insertion of intracranial stent(s) (00.65)
               percutaneous insertion of other precerebral artery stent(s) (00.64)
               resection of abdominal aorta with replacement (38.44)
               resection of lower limb arteries with replacement (38.48)
               resection of thoracic aorta with replacement (38.45)
               resection of upper limb vessels with replacement (38.43)
```







39.71	Endovascular implantation of graft in abdominal aorta Endovascular repair of abdominal aortic aneurysm with graft Stent graft(s)
39.72	Endovascular repair or occlusion of head and neck vessels ® Coil embolization or occlusion Endograft(s) Endovascular graft(s) Liquid tissue adhesive (glue) embolization or occlusion Other implant or substance for repair, embolization or occlusion That for repair of aneurysm, arteriovenous malformation[AVM] or fistula  Excludes: mechanical thrombectomy of pre-cerebral and cerebral vessels (39.74)
	Endovascular implantation of graft in thoracic aorta Endograft(s) Endovascular graft(s) Endovascular repair of defect of thoracic aorta with graft(s) or device(s) Stent graft(s) or device(s) That for repair of aneurysm, dissection, or injury Excludes: fenestration of dissecting aneurysm of thoracic aorta (39.54)
39.74	Endovascular removal of obstruction from head and neck  vessel(s)  Endovascular embolectomy  Endovascular thrombectomy of pre-cerebral and cerebral vessels  Mechanical embolectomy or thrombectomy  Code also: any injection or infusion of thrombolytic agent (99.10)  number of vessels treated (00.40-00.43)  procedure on vessel bifurcation (00.44)  Excludes: endarterectomy of intracranial vessels and other vessels of head and neck (38.11 - 38.12)  occlusive endovascular repair of head or neck vessels (39.72)  open embolectomy or thrombectomy (38.01-38.02)
39.79	Other endovascular repair (of aneurysm) of other vessels ® Coil embolization or occlusion Endograft(s) Endovascular graft(s) Liquid tissue adhesive (glue) embolization or occlusion Other implant or substance for repair, embolization or occlusion  Excludes: endovascular repair or occlusion of head and neck vessels (39.72) insertion of drug-eluting peripheral vessel stent(s) (00.55) insertion of non-drug-eluting peripheral vessel (s) (for other than aneurysm repair) (39.90) non-endovascular repair of arteriovenous fistula (39.53) other surgical occlusion of vessels -see category 38.8 percutaneous transcatheter infusion (99.29) transcatheter embolization for gastric or duodenal bleeding (44.44)
1	OR procedure Non OR procedure but affects ThaiDRG

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39.8 Operations on carotid body and other vascular bodies
          Chemodectomy
          Denervation of
             aortic body
             carotid body
          Glomectomy, carotid
          Implantation into carotid body:
             electronic stimulator
             pacemaker
     Excludes: excision of glomus jugulare (20.51)
39.9 Other operations on vessels
     39.90 Insertion of non-drug-eluting peripheral vessel stent(s) ®
               Bare stent(s)
               Bonded stent(s)
               Drug-coated stent(s), i.e., heparin coated
               Endograft(s)
               Endovascular graft(s)
               Endovascular recanalization techniques
               Stent graft(s)
            Code also any
                non-coronary angioplasty or atherectomy (39.50)
                number of vascular stents inserted (00.45-00.48)
                number of vessels treated (00.40-00.43)
                procedure on vessel bifurcation (00.44)
           Excludes: insertion of drug-eluting peripheral vessel stent(s) (00.55)
                       percutaneous insertion of carotid artery stent(s) (00.63)
                      percutaneous insertion of intracranial stent(s) (00.65)
                       percutaneous insertion of other precerebral artery stent(s)
                           (00.64)
                       that for aneurysm repair (39.71 - 39.79)
     39.91 Freeing of vessel
              Dissection and freeing of adherent tissue:
                artery-vein-nerve bundle
                vascular bundle
     39.92 Injection of sclerosing agent into vein
             Excludes: injection:
                        esophageal varices (42.33)
                        hemorrhoids (49.42)
     39.93 Insertion of vessel-to-vessel cannula
              Formation of:
                arteriovenous:
                         fistula by external cannula
                         shunt by external cannula
             Code also any renal dialysis (39.95)
     39.94 Replacement of vessel-to-vessel cannula
              Revision of vessel-to-vessel cannula
```

```
39.95 Hemodialysis
        Artificial kidney
        Hemodiafiltration
        Hemofiltration
        Renal dialysis
       Excludes: peritoneal dialysis (54.98)
39.96 Total body perfusion
        Code also substance perfused (99.21-99.29)
39.97 Other perfusion
        Perfusion NOS
        Perfusion, local [regional] of:
          carotid artery
          coronary artery
          head
          lower limb
          neck
          upper limb
        Code also substance perfused (99.21-99.29)
       Excludes: perfusion of:
                  kidney (55.95)
                  larae intestine (46.96)
                  liver (50.93)
                  small intestine (46.95)
39.98 Control of hemorrhage, not otherwise specified
        Angiotripsy
        Control of postoperative hemorrhage NOS
        Venotripsy
       Excludes: control of hemorrhage (postoperative):
                  anus (49.95)
                  bladder (57.93)
                  following vascular procedure (39.41)
                  nose (21.00-21.09)
                  prostate (60.94)
                  tonsil (28.7)
                that by:
                  ligation (38.80-38.89)
                  suture (39.30-39.32)
39.99 Other operations on vessels
       Excludes: injection or infusion of therapeutic or prophylactic
                  substance (99.11-99.29)
                transfusion of blood and blood components (99.01-99.09)
```

#### 8. OPERATIONS ON THE HEMIC AND LYMPHATIC SYSTEM (40-41)

- 40 Operations on lymphatic system
- 40.0 Incision of lymphatic structures
- 40.1 Diagnostic procedures on lymphatic structures
  - 40.11 Biopsy of lymphatic structure
  - 40.19 Other diagnostic procedures on lymphatic structures

```
Excludes: lymphangiogram:
           abdominal (88.04)
           cervical (87.08)
           intrathoracic (87.34)
           lower limb (88.36)
           upper limb (88.34)
         microscopic examination of specimen (90.71-90.79)
         radioisotope scan (92.16)
         thermography (88.89)
```

- 40.2 Simple excision of lymphatic structure
  - Excludes: biopsy of lymphatic structure (40.11)
  - 40.21 Excision of deep cervical lymph node
  - 40.22 Excision of internal mammary lymph node
  - 40.23 Excision of axillary lymph node
  - 40.24 Excision of inquinal lymph node
  - 40.29 Simple excision of other lymphatic structure

Excision of: cystic hygroma lymphangioma Simple lymphadenectomy

#### 40.3 Regional lymph node excision

Extended regional lymph node excision Regional lymph node excision with excision of lymphatic drainage area including skin, subcutaneous tissue, and fat

#### 40.4 Radical excision of cervical lymph nodes

Resection of cervical lymph nodes down to muscle and deep fascia

Excludes: that associated with radical laryngectomy (30.4)

- 40.40 Radical neck dissection, not otherwise specified
- 40.41 Radical neck dissection, unilateral
- 40.42 Radical neck dissection, bilateral
- 40.5 Radical excision of other lymph nodes

Excludes: that associated with radical mastectomy (85.45-85.48)

40.50 Radical excision of lymph nodes, not otherwise specified Radical (lymph) node dissection NOS



40.51 Radical excision of axillary lymph nodes 40.52 Radical excision of periaortic lymph nodes 40.53 Radical excision of iliac lymph nodes 40.54 Radical groin dissection 40.59 Radical excision of other lymph nodes Excludes: radical neck dissection (40.40-40.42) 40.6 Operations on thoracic duct 40.61 Cannulation of thoracic duct 40.62 Fistulization of thoracic duct 40.63 Closure of fistula of thoracic duct 40.64 Ligation of thoracic duct 40.69 Other operations on thoracic duct 40.9 Other operations on lymphatic structures Anastomosis of peripheral lymphatics Dilation of peripheral lymphatics Ligation of peripheral lymphatics Obliteration of peripheral lymphatics Reconstruction of peripheral lymphatics Repair of peripheral lymphatics Transplantation of peripheral lymphatics Correction of lymphedema of limb, NOS Excludes: reduction of elephantiasis of scrotum (61.3) 41 Operations on bone marrow and spleen 41.0 Bone marrow or hematopoietic stem cell transplant Note: To report donor source - see codes 00.91-00.93 Excludes: aspiration of bone marrow from donor (41.91) 41.00 Bone marrow transplant, not otherwise specified 41.01 Autologous bone marrow transplant without purging Excludes: that with purging (41.09) 41.02 Allogeneic bone marrow transplant with purging Allograft of bone marrow with in vitro removal (purging) of T-cells 41.03 Allogeneic bone marrow transplant without purging Allograft of bone marrow NOS 41.04 Autologous hematopoietic stem cell transplant without purging Excludes: that with purging (41.07) 41.05 Allogeneic hematopoietic stem cell transplant without purging Excludes: that with puraina (41.08) 41.06 Cord blood stem cell transplant 41.07 Autologous hematopoietic stem cell transplant with purging Cell depletion

- 41.08 Allogeneic hematopoietic stem cell transplant Cell depletion
- 41.09 Autologous bone marrow transplant with purging With extracorporeal purging of malignant cells from marrow Cell depletion
- 41.1 Puncture of spleen

Excludes: aspiration biopsy of spleen (41.32)

- 41.2 Splenotomy
- 41.3 Diagnostic procedures on bone marrow and spleen
  - 41.31 Biopsy of bone marrow
  - 41.32 Closed [aspiration] [percutaneous] biopsy of spleen
  - 41.33 Open biopsy of spleen
  - 41.38 Other diagnostic procedures on bone marrow

Excludes: microscopic examination of specimen from bone marrow (90.61-90.69)radioisotope scan (92.05)

#### 41.39 Other diagnostic procedures on spleen

Excludes: microscopic examination of specimen from spleen (90.61-90.69)radioisotope scan (92.05)

#### 41.4 Excision or destruction of lesion or tissue of spleen

Code also any application or administration of an adhesion barrier substance (99.77)

Excludes: excision of accessory spleen (41.93)

- 41.41 Marsupialization of splenic cyst
- 41.42 Excision of lesion or tissue of spleen

Excludes: biopsy of spleen (41.32-41.33)

- 41.43 Partial splenectomy
- 41.5 Total splenectomy

Splenectomy NOS

Code also any application or administration of an adhesion barrier substance (99.77)

#### ICD-9-CM TABULAR LIST OF PROCEDURES (FY07)

## 41.9 Other operations on spleen and bone marrow

Code also any application or administration of an adhesion barrier substance (99.77)

- 41.91 Aspiration of bone marrow from donor for transplant
  - Excludes: biopsy of bone marrow (41.31)
- 41.92 Injection into bone marrow
  - Excludes: bone marrow transplant (41.00-41.03)
- 41.93 Excision of accessory spleen
- 41.94 Transplantation of spleen
- 41.95 Repair and plastic operations on spleen
- 41.98 Other operations on bone marrow
- 41.99 Other operations on spleen

#### 9. OPERATIONS ON THE DIGESTIVE SYSTEM (42-54)

- 42 Operations on esophagus
- 42.0 Esophagotomy
  - 42.01 Incision of esophageal web
  - 42.09 Other incision of esophagus

Esophagotomy NOS

Excludes: esophagomyotomy (42.7) esophagostomy (42.10-42.19)

- 42.1 Esophagostomy
  - 42.10 Esophagostomy, not otherwise specified
  - 42.11 Cervical esophagostomy
  - 42.12 Exteriorization of esophageal pouch
  - 42.19 Other external fistulization of esophagus Thoracic esophagostomy

Code also any resection (42.40-42.42)

- 42.2 Diagnostic procedures on esophagus
  - 42.21 Operative esophagoscopy by incision
  - 42.22 Esophagoscopy through artificial stoma

Excludes: that with biopsy (42.24)

42.23 Other esophagoscopy

Excludes: that with biopsy (42.24)

42.24 Closed [endoscopic] biopsy of esophagus

Brushing or washing for specimen collection

Esophagoscopy with biopsy Suction biopsy of the esophagus

Excludes: esophagogastroduodenoscopy [EGD] with closed biopsy (45.16)

- 42.25 Open biopsy of esophagus
- 42.29 Other diagnostic procedures on esophagus

Excludes: barium swallow (87.61)

esophageal manometry (89.32)

microscopic examination of specimen from esophagus

(90.81-90.89)

- 42.3 Local excision or destruction of lesion or tissue of esophagus
  - 42.31 Local excision of esophageal diverticulum
  - 42.32 Local excision of other lesion or tissue of esophagus

Excludes: biopsy of esophagus (42.24-42.25) esophageal fistulectomy (42.84)

- New code Revised code 4th digit required

42.33 Endoscopic excision or destruction of lesion or tissue of

esophagus

# Ablation of esophageal neoplasm by endoscopic approach Control of esophageal bleeding by endoscopic approach Esophageal polypectomy by endoscopic approach Esophageal varices by endoscopic approach Injection of esophageal varices by endoscopic approach Excludes: biopsy of esophagus (42.24-42.25) fistulectomy (42.84) open ligation of esophageal varices (42.91) 42.39 Other destruction of lesion or tissue of esophagus Excludes: that by endoscopic approach (42.33) 42.4 Excision of esophagus Excludes: esophagogastrectomy NOS (43.99) 42.40 Esophagectomy, not otherwise specified 42.41 Partial esophagectomy Code also any synchronous: anastomosis other than end-to-end (42.51-42.69) esophagostomy (42.10-42.19) gastrostomy (43.11-43.19) 42.42 Total esophagectomy Code also any synchronous: gastrostomy (43.11-43.19) interposition or anastomosis other than end-to-end (42.51-42.69) Excludes: esophagogastrectomy (43.99) 42.5 Intrathoracic anastomosis of esophagus Code also any synchronous: esophagectomy (42.40-42.42) gastrostomy (43.1) 42.51 Intrathoracic esophagoesophagostomy 42.52 Intrathoracic esophagogastrostomy 42.53 Intrathoracic esophageal anastomosis with interposition of small bowel 42.54 Other intrathoracic esophagoenterostomy Anastomosis of esophagus to intestinal segment NOS 42.55 Intrathoracic esophageal anastomosis with interposition of colon 42.56 Other intrathoracic esophagocolostomy Esophagocolostomy NOS 42.58 Intrathoracic esophageal anastomosis with other interposition Construction of artificial esophagus Retrosternal formation of reversed gastric tube 42.59 Other intrathoracic anastomosis of esophagus 112 OR procedure | Non OR procedure but affects ThaiDRG

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42.6 Antesternal anastomosis of esophagus
     Code also any synchronous:
        esophagectomy (42.40-42.42)
        gastrostomy (43.1)
     42.61 Antesternal esophagoesophagostomy
     42.62 Antesternal esophagogastrostomy
     42.63 Antesternal esophageal anastomosis with interposition of small
            bowel
     42.64 Other antesternal esophagoenterostomy
             Antethoracic:
               esophagoenterostomy
               esophagoileostomy
               esophagojejunostomy
     42.65 Antesternal esophageal anastomosis with interposition of colon
     42.66 Other antesternal esophagocolostomy
             Antethoracic esophagocolostomy
     42.68 Other antesternal esophageal anastomosis with interposition
     42.69 Other antesternal anastomosis of esophagus
42.7 Esophagomyotomy
42.8 Other repair of esophagus
     42.81 Insertion of permanent tube into esophagus
     42.82 Suture of laceration of esophagus
     42.83 Closure of esophagostomy
     42.84 Repair of esophageal fistula, not elsewhere classified
            Excludes: repair of fistula:
                       bronchoesophageal (33.42)
                       esophagopleurocutaneous (34.73)
                       pharvnaoesophaaeal (29.53)
                      tracheoesophageal (31.73)
     42.85 Repair of esophageal stricture
     42.86 Production of subcutaneous tunnel without esophageal
            anastomosis
     42.87 Other graft of esophagus
            Excludes: antesternal esophageal anastomosis with interposition of:
                       colon (42.65)
                       small bowel (42.63)
                    antesternal esophageal anastomosis with other interposition
                       (42.68)
                     intrathoracic esophageal anastomosis with interposition of:
                      colon (42.55)
                       small bowel (42.53)
                    intrathoracic esophageal anastomosis with other
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42.89 Other repair of esophagus





interposition (42.58)

# 42.9 Other operations on esophagus 42.91 Ligation of esophageal varices Excludes: that by endoscopic approach (42.33) 42.92 Dilation of esophagus Dilation of cardiac sphincter Excludes: intubation of esophagus (96.03, 96.06-96.08) 42.99 Other Excludes: insertion of Sengstaken tube (96.06) intubation of esophagus (96.03, 96.06-96.08)removal of intraluminal foreign body from esophagus without incision (98.02)tamponade of esophagus (96.06) Incision and excision of stomach 43 Code also any application or administration of an adhesion barrier substance (99.77) 43.0 Gastrotomy Excludes: gastrostomy (43.11-43.19) that for control of hemorrhage (44.49) 43.1 Gastrostomy 43.11 Percutaneous [endoscopic] gastrostomy [PEG] Percutaneous transabdominal gastrostomy 43.19 Other gastrostomy Excludes: percutaneous [endoscopic] gastrostomy [PEG] (43.11) 43.3 Pyloromyotomy 43.4 Local excision or destruction of lesion or tissue of stomach 43.41 Endoscopic excision or destruction of lesion or tissue of stomach Gastric polypectomy by endoscopic approach Gastric varices by endoscopic approach Excludes: biopsy of stomach (44.14-44.15) control of hemorrhage (44.43) open ligation of gastric varices (44.91) 43.42 Local excision of other lesion or tissue of stomach Excludes: biopsy of stomach (44.14-44.15) gastric fistulectomy (44.62-44.63) partial gastrectomy (43.5-43.89) 43.49 Other destruction of lesion or tissue of stomach Excludes: that by endoscopic approach (43.41) 43.5 Partial gastrectomy with anastomosis to esophagus Proximal gastrectomy

## 43.6 Partial gastrectomy with anastomosis to duodenum

Billroth I operation

Distal gastrectomy

Gastropylorectomy

# 43.7 Partial gastrectomy with anastomosis to jejunum

Billroth II operation

## 43.8 Other partial gastrectomy

## 43.81 Partial gastrectomy with jejunal transposition

Henley jejunal transposition operation Code also any synchronous intestinal resection (45.51)

#### 43.89 Other

Partial gastrectomy with bypass gastrogastrostomy Sleeve resection of stomach

#### 43.9 Total gastrectomy

## 43.91 Total gastrectomy with intestinal interposition

## 43.99 Other total gastrectomy

Complete gastroduodenectomy

Esophagoduodenostomy with complete gastrectomy

Esophagogastrectomy NOS

Esophagojejunostomy with complete gastrectomy

Radical gastrectomy

## 44 Other operations on stomach

Code also any application or administration of an adhesion barrier substance (99.77)

## 44.0 Vagotomy

## 44.00 Vagotomy, not otherwise specified

Division of vagus nerve NOS

44.01 Truncal vagotomy

#### 44.02 Highly selective vagotomy

Parietal cell vagotomy Selective proximal vagotomy

44.03 Other selective vagotomy

## 44.1 Diagnostic procedures on stomach

#### 44.11 Transabdominal gastroscopy

Intraoperative gastroscopy

Excludes: that with biopsy (44.14)

#### 44.12 Gastroscopy through artificial stoma

Excludes: that with biopsy (44.14)

# 44.13 Other gastroscopy

Excludes: that with biopsy (44.14)

# 44.14 Closed [endoscopic] biopsy of stomach Brushing or washing for specimen collection Excludes: esophagogastroduodenoscopy [EGD] with closed biopsy (45.16)44.15 Open biopsy of stomach 44.19 Other diagnostic procedures on stomach Excludes: aastric lavaae (96.33) microscopic examination of specimen from stomach (90.81-90.89)upper GI series (87.62) 44.2 Pyloroplasty 44.21 Dilation of pylorus by incision 44.22 Endoscopic dilation of pylorus Dilation with balloon endoscope Endoscopic dilation of gastrojejunostomy site 44.29 Other pyloroplasty Pyloroplasty NOS Revision of pylorus 44.3 Gastroenterostomy without gastrectomy 44.31 High gastric bypass Printen and Mason gastric bypass 44.32 Percutaneous [endoscopic] gastrojejunostomy Endoscopic conversion of gastrostomy to jejunostomy PEG 44.38 Laparoscopic gastroenterostomy Bypass: gastroduodenostomy gastroenterostomy gastrogastrostomy Laparoscopic gastrojejunostomy without gastrectomy NEC Excludes: gastroenterostomy, open approach (44.39) 44.39 Other gastroenterostomy Bypass: gastroduodenostomy gastroenterostomy gastrogastrostomy Gastrojejunostomy without gastrectomy NOS 44.4 Control of hemorrhage and suture of ulcer of stomach or duodenum 44.40 Suture of peptic ulcer, not otherwise specified 44.41 Suture of gastric ulcer site Excludes: ligation of gastric varices (44.91) 44.42 Suture of duodenal ulcer site 44.43 Endoscopic control of gastric or duodenal bleeding

Non OR procedure but affects ThaiDRG

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OR procedure

44.44 Transcatheter embolization for gastric or duodenal bleeding Excludes: surgical occlusion of abdominal vessels (38.86-38.87)

### 44.49 Other control of hemorrhage of stomach or duodenum That with gastrotomy

## 44.5 Revision of gastric anastomosis

Closure of

gastric anastomosis gastroduodenostomy gastrojejunostomy Pantaloon operation

#### 44.6 Other repair of stomach

44.61 Suture of laceration of stomach Excludes: that of ulcer site (44.41)

44.62 Closure of gastrostomy

## 44.63 Closure of other gastric fistula

Closure of: gastrocolic fistula gastrojejunocolic fistula

#### 44.64 Gastropexy

### 44.65 Esophagogastroplasty

Belsey operation Esophagus and stomach cardioplasty

## 44.66 Other procedures for creation of esophagogastric sphincteric competence

Fundoplication Gastric cardioplasty Nissen's fundoplication Restoration of cardio-esophageal angle

Excludes: that by laparoscopy (44.67)

# 44.67 Laparoscopic procedures for creation of esophagogastric sphincteric competence

**Fundoplication** Gastric cardioplasty Nissen's fundoplication Restoration of cardio-esophageal angle

## 44.68 Laparoscopic gastroplasty

Banding

Silastic vertical banding

Vertical banded gastroplasty (VBG)

Code also any synchronous laparoscopic gastroenterostomy (44.38)

Excludes: insertion, laparoscopic adjustable gastric band (restrictive procedure) (44.95) other repair of stomach, open approach (44.61-44.65, 44.69)

#### 44.69 Other

Inversion of gastric diverticulum Repair of stomach NOS





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44.9 Other operations on stomach
      44.91 Ligation of gastric varices
             Excludes: that by endoscopic approach (43.41)
      44.92 Intraoperative manipulation of stomach
              Reduction of gastric volvulus
     44.93 Insertion of gastric bubble (balloon)
     44.94
               Removal of gastric bubble (balloon)
      44.95
               Laparoscopic gastric restrictive procedure
              Adjustable gastric band and port insertion
             Excludes: laparoscopic gastroplasty (44.68)
                      other repair of stomach (44.69)
      44.96 Laparoscopic revision of gastric restrictive procedure
              Revision or replacement of:
                adjustable gastric band
                subcutaneous gastric port device
      44.97 Laparoscopic removal of gastric restrictive device(s)
              Removal of either or both:
                adjustable gastric band
                subcutaneous port device
             Excludes: nonoperative removal of gastric restrictive device(s) (97.86)
                      open removal of aastric restrictive device(s) (44.99)
      44.98 (Laparoscopic) adjustment of size of adjustable gastric restrictive
             device
              Infusion of saline for device tightening
              Withdrawal of saline for device loosening
             Code also any:
                abdominal ultrasound (88.76)
                abdominal wall fluoroscopy (88.09)
                barium swallow (87.61)
      44.99 Other
             Excludes: change of gastrostomy tube (97.02)
                      dilation of cardiac sphincter (42.92)
                      gastric:
                        cooling (96.31)
                        freezing (96.32)
                        gavage (96.35)
                        hypothermia (96.31)
                        lavage (96.33)
                      insertion of nasogastric tube (96.07)
                      irrigation of gastrostomy (96.36)
                      irrigation of nasogastric tube (96.34)
                      removal of:
                        gastrostomy tube (97.51)
                        intraluminal foreign body from stomach without incision
                            (98.03)
                      replacement of:
                        gastrostomy tube (97.02)
                        (naso-)gastric tube (97.01)
```

## 45 Incision, excision, and anastomosis of intestine

Code also any application or administration of an adhesion barrier substance (99.77)

#### 45.0 Enterotomy

Excludes: duodenocholedochotomy (51.41-51.42, 51.51)

that for destruction of lesion (45.30-45.34) that of exteriorized intestine (46.14, 46.24, 46.31)

- 45.00 Incision of intestine, not otherwise specified
- 45.01 Incision of duodenum
- 45.02 Other incision of small intestine
- 45.03 Incision of large intestine

Excludes: proctotomy (48.0)

#### 45.1 Diagnostic procedures on small intestine

Code also any laparotomy (54.11-54.19)

# 45.11 Transabdominal endoscopy of small intestine

Intraoperative endoscopy of small intestine

Excludes: that with biopsy (45.14)

## 45.12 Endoscopy of small intestine through artificial stoma

Excludes: that with biopsy (45.14)

## 45.13 Other endoscopy of small intestine

Esophagogastroduodenoscopy [EGD]

Excludes: that with biopsy (45.14, 45.16)

## 45.14 Closed [endoscopic] biopsy of small intestine

Brushing or washing for specimen collection

Excludes: esophagogastroduodenoscopy [EGD] with closed biopsy (45.16)

45.15 Open biopsy of small intestine

#### 45.16 Esophagogastroduodenoscopy [EGD] with closed biopsy

Biopsy of one or more sites involving esophagus, stomach, and/or duodenum

#### 45.19 Other diagnostic procedures on small intestine

Excludes: microscopic examination of specimen from small intestine

(90.91-90.99)

radioisotope scan (92.04)

ultrasonography (88.74)

x-ray (87.61-87.69)

## 45.2 Diagnostic procedures on large intestine

Code also any laparotomy (54.11-54.19)

#### 45.21 Transabdominal endoscopy of large intestine

Intraoperative endoscopy of large intestine

Excludes: that with biopsy (45.25)

#### 45.22 Endoscopy of large intestine through artificial stoma

Excludes: that with biopsy (45.25)

New code Revised code 4th digit required

	45.23	Colonoscopy Flexible fiberoptic colonoscopy
		Excludes: endoscopy of large intestine through artificial stoma (45.22 flexible sigmoidoscopy (45.24) rigid proctosigmoidoscopy (48.23)
		transabdominal endoscopy of large intestine (45.21)
	45.24	Flexible sigmoidoscopy Endoscopy of descending colon
		Excludes: rigid proctosigmoidoscopy (48.23)
	45.25	Closed [endoscopic] biopsy of large intestine Biopsy, closed, of unspecified intestinal site Brushing or washing for specimen collection Colonoscopy with biopsy
		Excludes: proctosigmoidoscopy with biopsy (48.24)
	45.26	Open biopsy of large intestine
	45.27	Intestinal biopsy, site unspecified
	45.28	Other diagnostic procedures on large intestine
	45.29	Other diagnostic procedures on intestine, site unspecified
		Excludes: microscopic examination of specimen (90.91-90.99) scan and radioisotope function study (92.04) ultrasonography (88.74) x-ray (87.61-87.69)
45.3	Local e	excision or destruction of lesion or tissue of small intestine
	45.30	Endoscopic excision or destruction of lesion of duodenum
		Excludes: biopsy of duodenum (45.14-45.15) control of hemorrhage (44.43) fistulectomy (46.72)
	45.31	Other local excision of lesion of duodenum
		Excludes: biopsy of duodenum (45.14-45.15) fistulectomy (46.72) multiple segmental resection (45.61) that by endoscopic approach (45.30)
	45.32	Other destruction of lesion of duodenum
		Excludes: that by endoscopic approach (45.30)
	45.33	Local excision of lesion or tissue of small intestine, except duodenum  Excision of redundant mucosa of ileostomy
		Excludes: biopsy of small intestine (45.14-45.15) fistulectomy (46.74) multiple segmental resection (45.61)
	45.34	Other destruction of lesion of small intestine, except duodenum

## 45.4 Local excision or destruction of lesion or tissue of large intestine

## 45.41 Excision of lesion or tissue of large intestine

Excision of redundant mucosa of colostomy

Excludes: biopsy of large intestine (45,25-45,27)

endoscopic polypectomy of large intestine (45.42)

fistulectomy (46.76)

multiple segmental resection (45.71)

that by endoscopic approach (45.42-45.43)

## 45.42 Endoscopic polypectomy of large intestine

Excludes: that by open approach (45.41)

## 45.43 Endoscopic destruction of other lesion or tissue of large intestine

Endoscopic ablation of tumor of large intestine Endoscopic control of colonic bleeding

Excludes: endoscopic polypectomy of large intestine (45.42)

## 45.49 Other destruction of lesion of large intestine

Excludes: that by endoscopic approach (45.43)

#### 45.5 Isolation of intestinal segment

Code also any synchronous:

anastomosis other than end-to-end (45.90-45.94) enterostomy (46.10-46.39)

### 45.50 Isolation of intestinal segment, not otherwise specified

Isolation of intestinal pedicle flap Reversal of intestinal segment

#### 45.51 Isolation of segment of small intestine

Isolation of ileal loop

Resection of small intestine for interposition

#### 45.52 Isolation of segment of large intestine

Resection of colon for interposition

## 45.6 Other excision of small intestine

Code also any synchronous:

anastomosis other than end-to-end (45.90-45.93, 45.95)

colostomy (46.10-46.13)

enterostomy (46.10-46.39)

Excludes: cecectomy (45.72)

enterocolectomy (45.79)

gastroduodenectomy (43.6-43.99)

ileocolectomy (45.73)

pancreatoduodenectomy (52.51-52.7)

#### 45.61 Multiple segmental resection of small intestine

Segmental resection for multiple traumatic lesions of small intestine

Excludes: duodenectomy with synchronous pancreatectomy (52.51-52.7) resection of cecum and terminal ileum (45.72)

45.62 Other partial resection of small intestine

Duodenectomy Ileectomy Jejunectomy

45.63 Total removal of small intestine

# 45.7 Partial excision of large intestine Code also any synchronous: anastomosis other than end-to-end (45.92-45.94) enterostomy (46.10-46.39) 45.71 Multiple segmental resection of large intestine Segmental resection for multiple traumatic lesions of large intestine 45.72 Cecectomy Resection of cecum and terminal ileum 45.73 Right hemicolectomy Ileocolectomy Right radical colectomy 45.74 Resection of transverse colon 45.75 Left hemicolectomy Excludes: proctosigmoidectomy (48.41-48.69) second stage Mikulicz operation (46.04) 45.76 Sigmoidectomy 45.79 Other partial excision of large intestine Enterocolectomy NEC 45.8 Total intra-abdominal colectomy Excision of cecum, colon, and sigmoid Excludes: coloproctectomy (48.41-48.69) 45.9 Intestinal anastomosis Code also any synchronous resection (45.31-45.8, 48.41-48.69) Excludes: end-to-end anastomosis -- omit code 45.90 Intestinal anastomosis, not otherwise specified 45.91 Small-to-small intestinal anastomosis 45.92 Anastomosis of small intestine to rectal stump Hampton procedure 45.93 Other small-to-large intestinal anastomosis 45.94 Large-to-large intestinal anastomosis Excludes: rectorectostomy (48.74) 45.95 Anastomosis to anus Formation of endorectal ileal pouch (H- pouch) (J-pouch) (S-pouch) with anastomosis of small intestine to anus 122 OR procedure Non OR procedure but affects ThaiDRG

# 46 Other operations on intestine

Code also any application or administration of an adhesion barrier substance (99 77)

#### 46.0 Exteriorization of intestine

Includes: loop enterostomy

multiple stage resection of intestine

46.01 Exteriorization of small intestine

Loop ileostomy

46.02 Resection of exteriorized segment of small intestine

46.03 Exteriorization of large intestine

Exteriorization of intestine NOS First stage Mikulicz exteriorization of intestine Loop colostomy

46.04 Resection of exteriorized segment of large intestine

Resection of exteriorized segment of intestine NOS Second stage Mikulicz operation

#### 46.1 Colostomy

Code also any synchronous resection (45.49, 45.71-45.79, 45.8)

Excludes: loop colostomy (46.03)

that with abdominoperineal resection of rectum (48.5) that with synchronous anterior rectal resection (48.62)

- 46.10 Colostomy, not otherwise specified
- 46.11 Temporary colostomy
- 46.13 Permanent colostomy
- 46.14 Delayed opening of colostomy

#### 46.2 Ileostomy

Code also any synchronous resection (45.34, 45.61-45.63)

Excludes: loop ileostomy (46.01)

- 46.20 Ileostomy, not otherwise specified
- 46.21 Temporary ileostomy
- 46.22 Continent ileostomy
- 46.23 Other permanent ileostomy
- 46.24 Delayed opening of ileostomy

#### 46.3 Other enterostomy

Code also any synchronous resection (45.61-45.8)

- 46.31 Delayed opening of other enterostomy
- 46.32 Percutaneous (endoscopic) jejunostomy [PEJ]
- 46.39 Other

Duodenostomy Feeding enterostomy

# 46.4 Revision of intestinal stoma 46.40 Revision of intestinal stoma, not otherwise specified Plastic enlargement of intestinal stoma Reconstruction of stoma of intestine Release of scar tissue of intestinal stoma Excludes: excision of redundant mucosa (45.41) 46.41 Revision of stoma of small intestine Excludes: excision of redundant mucosa (45.33) 46.42 Repair of pericolostomy hernia 46.43 Other revision of stoma of large intestine Excludes: excision of redundant mucosa (45.41) 46.5 Closure of intestinal stoma Code also any synchronous resection (45.34, 45.49, 45.61-45.8) 46.50 Closure of intestinal stoma, not otherwise specified 46.51 Closure of stoma of small intestine 46.52 Closure of stoma of large intestine Closure or take-down of: cecostomy colostomy sigmoidostomy 46.6 Fixation of intestine 46.60 Fixation of intestine, not otherwise specified Fixation of intestine to abdominal wall 46.61 Fixation of small intestine to abdominal wall lleopexy 46.62 Other fixation of small intestine Noble plication of small intestine Plication of ieiunum 46.63 Fixation of large intestine to abdominal wall Cecocoloplicopexy Sigmoidopexy (Moschowitz) 46.64 Other fixation of large intestine Cecofixation Colofixation 46.7 Other repair of intestine Excludes: closure of: ulcer of duodenum (44.42) vesicoenteric fistula (57.83) 46.71 Suture of laceration of duodenum 46.72 Closure of fistula of duodenum

46.73 Suture of laceration of small intestine, except duodenum

# 46.74 Closure of fistula of small intestine, except duodenum Excludes: closure of: artificial stoma (46.51) vaainal fistula (70.74) repair of gastrojejunocolic fistula (44.63) 46.75 Suture of laceration of large intestine 46.76 Closure of fistula of large intestine Excludes: closure of: *gastrocolic fistula* (44.63) rectal fistula (48.73) sigmoidovesical fistula (57.83) stoma~(46.52)vaainal fistula (70<u>.72-70.73)</u> vesicocolic fistula (57.83) vesicosigmoidovaginal fistula (57.83) 46.79 Other repair of intestine Duodenoplasty 46.8 Dilation and manipulation of intestine 46.80 Intra-abdominal manipulation of intestine, not otherwise specified Correction of intestinal malrotation Reduction of intestinal torsion intestinal volvulus intussusception **Excludes**: reduction of intussusception with: fluoroscopy (96.29) ionizina radiation enema (96.29) ultrasonography guidance (96.29)) 46.81 Intra-abdominal manipulation of small intestine 46.82 Intra-abdominal manipulation of large intestine 46.85 Dilation of intestine Dilation (balloon) of duodenum Dilation (balloon) of ieiunum Endoscopic dilation (balloon) of large intestine That through rectum or colostomy 46.9 Other operations on intestines 46.91 Myotomy of sigmoid colon 46.92 Myotomy of other parts of colon 46.93 Revision of anastomosis of small intestine 46.94 Revision of anastomosis of large intestine 46.95 Local perfusion of small intestine Code also substance perfused (99.21-99.29) 46.96 Local perfusion of large intestine Code also substance perfused (99.21-99.29)

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46.97 Transplant of intestine
             Note: To report donor source - see codes 00.91-00.93
     46.99 Other
             lleoentectropy
            Excludes: diagnostic procedures on intestine (45.11-45.29)
                     dilation of enterostomy stoma (96.24)
                     intestinal intubation (96.08)
                     removal of:
                       intraluminal foreign body from large intestine without
                            incision (98.04)
                       intraluminal foreign body from small intestine without
                            incision (98.03)
                       tube from large intestine (97.53)
                       tube from small intestine (97.52)
                     replacement of:
                        large intestine tube or enterostomy device (97.04)
                       small intestine tube or enterostomy device (97.03)
47 Operations on appendix
     Includes: appendiceal stump
     Code also any application or administration of an adhesion barrier substance
       (99.77)
47.0 Appendectomy
     Excludes: incidental appendectomy, so described
                    laparoscopic (47.11)
                    other (47.19)
     47.01 Laparoscopic appendectomy
     47.09 Other appendectomy
47.1 Incidental appendectomy
     47.11 Laparoscopic incidental appendectomy
     47.19 Other incidental appendectomy
47.2 Drainage of appendiceal abscess
     Excludes: that with appendectomy (47.0)
47.9 Other operations on appendix
     47.91 Appendicostomy
     47.92 Closure of appendiceal fistula
     47.99 Other
             Anastomosis of appendix
            Excludes: diagnostic procedures on appendix (45.21-45.29)
```

48 Operations on rectum, rectosigmoid and perirectal tissue

Code also any application or administration of an adhesion barrier substance (99.77)

48.0 Proctotomy

Decompression of imperforate anus Panas' operation [linear proctotomy]

Excludes: incision of perirectal tissue (48.81)

- 48.1 Proctostomy
- 48.2 Diagnostic procedures on rectum, rectosigmoid and perirectal tissue
  - 48.21 Transabdominal proctosigmoidoscopy Intraoperative proctosigmoidoscopy

Excludes: that with biopsy (48.24)

48.22 Proctosigmoidoscopy through artificial stoma

Excludes: that with biopsy (48.24)

48.23 Rigid proctosigmoidoscopy

Excludes: flexible sigmoidoscopy (45.24)

48.24 Closed [endoscopic] biopsy of rectum

Brushing or washing for specimen collection Proctosigmoidoscopy with biopsy

- 48.25 Open biopsy of rectum
- 48.26 Biopsy of perirectal tissue
- 48.29 Other diagnostic procedures on rectum, rectosigmoid and perirectal tissue

Excludes: digital examination of rectum (89.34) lower GI series (87.64)

microscopic examination of specimen from rectum

(90.91-90.99)

- 48.3 Local excision or destruction of lesion or tissue of rectum
  - 48.31 Radical electrocoagulation of rectal lesion or tissue
  - 48.32 Other electrocoagulation of rectal lesion or tissue
  - 48.33 Destruction of rectal lesion or tissue by laser
  - 48.34 Destruction of rectal lesion or tissue by cryosurgery
  - 48.35 Local excision of rectal lesion or tissue

Excludes: biopsy of rectum (48,24-48,25)

excision of perirectal tissue (48.82)

hemorrhoidectomy (49.46)

[endoscopic] polypectomy of rectum (48.36)

rectal fistulectomy (48.73)

- 48.36 [Endoscopic] polypectomy of rectum

# 48.4 Pull-through resection of rectum Code also any synchronous anastomosis other than end-to-end (45.90, 45.92-45.95) 48.41 Soave submucosal resection of rectum Endorectal pull-through operation 48.49 Other pull-through resection of rectum Abdominoperineal pull-through Altemeier operation Swenson proctectomy Excludes: Duhamel abdominoperineal pull through (48.65) 48.5 Abdominoperineal resection of rectum Includes: with synchronous colostomy Combined abdominoendorectal resection Complete proctectomy Code also any synchronous anastomosis other than end-to-end (45.90, 45.92-45.95) Excludes: Duhamel abdominoperineal pull-through (48.65) that as part of pelvic exenteration (68.8) 48.6 Other resection of rectum Code also any synchronous anastomosis other than end-to-end (45.90, 45.92-45.95) 48.61 Transsacral rectosigmoidectomy 48.62 Anterior resection of rectum with synchronous colostomy 48.63 Other anterior resection of rectum Excludes: that with synchronous colostomy (48.62) 48.64 Posterior resection of rectum 48.65 Duhamel resection of rectum Duhamel abdominoperineal pull-through 48.69 Other Partial proctectomy Rectal resection NOS 48.7 Repair of rectum Excludes: repair of: current obstetric laceration (75.62) *vaginal rectocele* (70.50, 70.52) 48.71 Suture of laceration of rectum 48.72 Closure of proctostomy 48.73 Closure of other rectal fistula **Excludes**: fistulectomy: perirectal (48.93) rectourethral (58.43) rectovaginal (70.73)

rectovesical (57.83) rectovesicovaginal (57.83)

```
48.74 Rectorectostomy
              Rectal anastomosis NOS
     48.75 Abdominal proctopexy
              Frickman procedure
              Ripstein repair of rectal prolapse
     48.76 Other proctopexy
              Delorme repair of prolapsed rectum
              Proctosiamoidopexy
              Puborectalis sling operation
             Excludes: manual reduction of rectal prolapse (96.26)
     48.79 Other repair of rectum
              Repair of old obstetric laceration of rectum
             Excludes: anastomosis to:
                        larae intestine (45.94)
                        small intestine (45.92-45.93)
                        current obstetrica laceration (75.62)
                        vaginal rectocele (70.50, 70.52)
48.8 Incision or excision of perirectal tissue or lesion
     Includes: pelvirectal tissue
              rectovaginal septum
     48.81 Incision of perirectal tissue
              Incision of rectovaginal septum
      48.82 Excision of perirectal tissue
             Excludes: perirectal biopsy (48.26)
                      perirectofistulectomy (48.93)
                      rectal fistulectomy (48.73)
48.9 Other operations on rectum and perirectal tissue
     48.91 Incision of rectal stricture
     48.92 Anorectal myectomy
     48.93 Repair of perirectal fistula
             Excludes: that opening into rectum (48.73)
     48.99 Other
             Excludes: digital examination of rectum (89.34)
                      dilation of rectum (96.22)
                      insertion of rectal tube (96.09)
                      irrigation of rectum (96.38-96.39)
                      manual reduction of rectal prolapse (96.26)
                      proctoclysis (96.37)
                      rectal massage (99.93)
                      rectal packing (96.19)
                      removal of:
                        impacted feces (96.38)
                        intraluminal foreign body from rectum without incision
                             (98.05)
                        rectal packing (97.59)
                      transanal enema (96.39)
```

# 49 Operations on anus Code also any application or administration of an adhesion barrier substance (99.77)49.0 Incision or excision of perianal tissue 49.01 Incision of perianal abscess 49.02 Other incision of perianal tissue Undercutting of perianal tissue Excludes: anal fistulotomy (49.11) 49.03 Excision of perianal skin tags 49.04 Other excision of perianal tissue Excludes: anal fistulectomy (49.12) biopsy of perianal tissue (49.22) 49.1 Incision or excision of anal fistula Excludes: closure of anal fistula (49.73) 49.11 Anal fistulotomy 49.12 Anal fistulectomy 49.2 Diagnostic procedures on anus and perianal tissue 49.21 Anoscopy 49.22 Biopsy of perianal tissue 49.23 Biopsy of anus 49.29 Other diagnostic procedures on anus and perianal tissue Excludes: microscopic examination of specimen from anus (90.91-90.99)49.3 Local excision or destruction of other lesion or tissue of anus Anal cryptotomy Cauterization of lesion of anus Excludes: biopsy of anus (49.23) control of (postoperative) hemorrhage of anus (49.95) hemorrhoidectomy (49.46) 49.31 Endoscopic excision or destruction of lesion or tissue of anus 49.39 Other local excision or destruction of lesion or tissue of anus Excludes: that by endoscopic approach (49.31) 49.4 Procedures on hemorrhoids 49.41 Reduction of hemorrhoids 49.42 Injection of hemorrhoids 49.43 Cauterization of hemorrhoids Clamp and cautery of hemorrhoids 49.44 Destruction of hemorrhoids by cryotherapy 49.45 Ligation of hemorrhoids 49.46 Excision of hemorrhoids Hemorrhoidectomy NOS

Non OR procedure but affects ThaiDRG

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OR procedure

	49.47	Evacuation of thrombosed hemorrhoids				
	49.49	Other procedures on hemorrhoids Lord procedure				
49.5	on of anal sphincter					
	49.51	Left lateral anal sphincterotomy				
	49.52	Posterior anal sphincterotomy				
	49.59	Other anal sphincterotomy Division of sphincter NOS				
49.6	Excisio	xcision of anus				
49.7	49.7 Repair of anus					
	Exclud	es: repair of current obstetric laceration (75.62)				
	49.71	Suture of laceration of anus				
	49.72	Anal cerclage				
	49.73	Closure of anal fistula				
		Excludes: excision of anal fistula (49.12)				
	49.74	Gracilis muscle transplant for anal incontinence				
	49.75	Implantation or revision of artificial anal sphincter Removal with subsequent replacement Replacement during same or subsequent operative episode				
	49.76	Removal of artificial anal sphincter Explantation or removal without replacement				
		Excludes: revision with implantation during same operative episode (49.75)				
	49.79	Other repair of anal sphincter Repair of old obstetric laceration of anus				
		Excludes: anoplasty with synchronous hemorrhoidectomy (49.46) repair of current obstetric laceration (75.62)				
49.9	.9 Other operations on anus					
	Excludes: dilation of anus (sphincter) (96.23)					
	49.91	Incision of anal septum				
	49.92	Insertion of subcutaneous electrical anal stimulator				
	49.93	Other incision of anus Removal of: foreign body from anus with incision seton from anus				
		Excludes: anal fistulotomy (49.11) removal of intraluminal foreign body without incision (98.05)				
	49.94	Reduction of anal prolapse				
		Excludes: manual reduction of rectal prolapse (96.26)				
	49.95	Control of (postoperative) hemorrhage of anus				
	49.99	Other				

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50 Operations on liver
     Code also any application or administration of an adhesion barrier substance
       (99.77)
50.0 Hepatotomy
        Incision of abscess of liver
        Removal of gallstones from liver
        Stromever-Little operation
50.1 Diagnostic procedures on liver
     50.11 Closed (percutaneous) [needle] biopsy of liver
              Diagnostic aspiration of liver
     50.12 Open biopsy of liver
              Wedge biopsy
     50.19 Other diagnostic procedures on liver
              Laparoscopic liver biopsy
            Excludes: liver scan and radioisotope function study (92.02)
                     microscopic examination of specimen from liver (91.01-91.09)
50.2 Local excision or destruction of liver tissue or lesion
     50.21 Marsupialization of lesion of liver
     50.22 Partial hepatectomy
              Wedge resection of liver
            Excludes: biopsy of liver (50.11-50.12)
                     hepatic lobectomy (50.3)
     50.23
            Open ablation of liver lesion or tissue
     50.24 Percutaneous ablation of liver lesion or tissue
     50.25 Laparoscopic ablation of liver lesion or tissue
     50.26 Other and unspecified ablation of liver lesion or tissue
     50.29 Other destruction of lesion of liver (R)
              Cauterization of hepatic lesion
              Enucleation of hepatic lesion
              Evacuation of hepatic lesion
            Excludes: ablation of liver lesion or tissue
                        laparoscopic (50.25)
                        open (50.23)
                        other (50.26)
                        percutaneous (50.24)
                      percutaneous aspiration of lesion (50.91)
50.3 Lobectomy of liver
          Total hepatic lobectomy with partial excision of other lobe
50.4 Total hepatectomy
50.5 Liver transplant
       Note: To report donor source - see codes 00.91-00.93
     50.51 Auxiliary liver transplant
              Auxiliary hepatic transplantation leaving patient's own liver in situ
     50.59 Other transplant of liver
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            OR procedure
                                   Non OR procedure but affects ThaiDRG
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# 50.6 Repair of liver 50.61 Closure of laceration of liver 50.69 Other repair of liver Hepatopexy 50.9 Other operations on liver Excludes: lysis of adhesions (54.5) 50.91 Percutaneous aspiration of liver Excludes: percutaneous biopsy (50.11) 50.92 Extracorporeal hepatic assistance Liver dialysis 50.93 Localized perfusion of liver 50.94 Other injection of therapeutic substance into liver 50 99 Other 51 Operations on gallbladder and biliary tract Includes: operations on: ampulla of Vater common bile duct cvstic duct hepatic duct intrahepatic bile duct sphincter of Oddi Code also any application or administration of an adhesion barrier substance (99.77)51.0 Cholecystotomy and cholecystostomy 51.01 Percutaneous aspiration of gallbladder Percutaneous cholecystotomy for drainage That by: needle or catheter Excludes: needle biopsy (51.12) 51.02 Trocar cholecystostomy 51.03 Other cholecystostomy 51.04 Other cholecystotomy Cholelithotomy NOS 51.1 Diagnostic procedures on biliary tract Excludes: that for endoscopic procedures classifiable to 51.64, 51.84-51.88, 52.14, 52.21, 52.93-52.94, 52.97-52.98 51.10 Endoscopic retrograde cholangiopancreatography [ERCP] Excludes: endoscopic retrograde: cholangiography [ERC] (51.11) pancreatography [ERP] (52.13) 51.11 Endoscopic retrograde cholangiography [ERC] Laparoscopic exploration of common bile duct Excludes: endoscopic retrograde: cholangiopancreatography [ERCP] (51.10) pancreatography [ERP] (52.13)

	51.12	Percutaneous biopsy of gallbladder or bile ducts Needle biopsy of gallbladder					
	51.13	Open biopsy of gallbladder or bile ducts					
	51.14	Other closed [endoscopic] biopsy of biliary duct or sphincter of Oddi  Brushing or washing for specimen collection Closed biopsy of biliary duct or sphincter of Oddi by procedures classifiable to 51.10-51.11, 52.13					
	51.15	Pressure measurement of sphincter of Oddi Pressure measurement of sphincter by procedures classifiable to 51.10-51.11, 52.13					
	51.19	Other diagnostic procedures on biliary tract					
		Excludes: biliary tract x-ray (87.51-87.59) microscopic examination of specimen from biliary tract (91.01-91.09)					
51.2	Choled	ecystectomy					
	51.21	Other partial cholecystectomy Revision of prior cholecystectomy					
		Excludes: that by laparoscope (51.24)					
	51.22	Cholecystectomy					
		Excludes: laparoscopic cholecystectomy (51.23)					
	51.23	Laparoscopic cholecystectomy That by laser					
	51.24	Laparoscopic partial cholecystectomy					
51.3	Anasto	omosis of gallbladder or bile duct					
	Exclud	es: resection with end-to-end anastomosis (51.61-51.69)					
	51.31	Anastomosis of gallbladder to hepatic ducts					
	51.32	Anastomosis of gallbladder to intestine					
	51.33	Anastomosis of gallbladder to pancreas					
	51.34	Anastomosis of gallbladder to stomach					
	51.35	Other gallbladder anastomosis Gallbladder anastomosis NOS					
	51.36	Choledochoenterostomy					
	51.37	Anastomosis of hepatic duct to gastrointestinal tract Kasai portoenterostomy					
	51.39	Other bile duct anastomosis Anastomosis of bile duct NOS Anastomosis of unspecified bile duct to: intestine liver pancreas stomach					

514	Incision	of hile	duct	for relie	f of	obstruction
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51.41 Common duct exploration for removal of calculus

Excludes: percutaneous extraction (51.96)

- 51.42 Common duct exploration for relief of other obstruction
- 51.43 Insertion of choledochohepatic tube for decompression Hepatocholedochostomy
- 51.49 Incision of other bile ducts for relief of obstruction

#### 51.5 Other incision of bile duct

Excludes: that for relief of obstruction (51.41-51.49)

51.51 Exploration of common duct

Incision of common bile duct

51.59 Incision of other bile duct

## 51.6 Local excision or destruction of lesion or tissue of biliary ducts and sphincter of Oddi

Code also anastomosis other than end-to-end (51.31,51.36-51.39)

Excludes: biopsy of bile duct (51.12-51.13)

- 51.61 Excision of cystic duct remnant
- 51.62 Excision of ampulla of Vater (with reimplantation of common duct)
- 51.63 Other excision of common duct

Choledochectomy

Excludes: fistulectomy (51.72)

## 51.64 Endoscopic excision or destruction of lesion of biliary ducts or sphincter of Oddi

Excision or destruction of lesion of biliary duct by procedures classifiable to 51.10-51.11, 52.13

#### 51.69 Excision of other bile duct

Excision of lesion of bile duct NOS

Excludes: fistulectomy (51.79)

#### 51.7 Repair of bile ducts

- 51.71 Simple suture of common bile duct
- 51.72 Choledochoplasty

Repair of fistula of common bile duct

#### 51.79 Repair of other bile ducts

Closure of artificial opening of bile duct NOS

Suture of bile duct NOS

Excludes: operative removal of prosthetic device (51.95)

#### 51.8 Other operations on biliary ducts and sphincter of Oddi

## 51.81 Dilation of sphincter of Oddi

Dilation of ampulla of Vater

Excludes: that by endoscopic approach (51.84)

51.82	Pancreatic sphincterotomy Incision of pancreatic sphincter Transduodenal ampullary sphincterotomy			
	Excludes: that by endoscopic approach (51.85)			
51.83	Pancreatic sphincteroplasty			
51.84	Endoscopic dilation of ampulla and biliary duct Dilation of ampulla and biliary duct by procedures classifiable to 51.10-51.11, 52.13			
51.85	Endoscopic sphincterotomy and papillotomy Sphincterotomy and papillotomy by procedures classifiable to 51.10-51.11, 52.13			
51.86	Endoscopic insertion of nasobiliary drainage tube Insertion of nasobiliary tube by procedures classifiable to 51.10-51.11, 52.13			
51.87	Endoscopic insertion of stent (tube) into bile duct Endoprosthesis of bile duct Insertion of stent into bile duct by procedures classifiable to 51.10-51.11, 52.13  Excludes: nasobiliary drainage tub (51.86) replacement of stent (tube) (97.05)			
	Endoscopic removal of stone(s) from biliary tract Laparoscopic removal of stone(s) from biliary tract Removal of biliary tract stone(s) by procedures classifiable to 51.10-51.11, 52.13 Excludes: percutaneous extraction of common duct stones (51.96)			
51.89	Other operations on sphincter of Oddi			
	er operations on biliary tract			
51.91	Repair of laceration of gallbladder			
	Closure of cholecystostomy			
51.93	Closure of other biliary fistula Cholecystogastroenteric fistulectomy			
51.94	Revision of anastomosis of biliary tract			
51.95	Removal of prosthetic device from bile duct Excludes: nonoperative removal (97.55)			
51.96	Percutaneous extraction of common duct stones			
51.98	Other percutaneous procedures on biliary tract  Percutaneous biliary endoscopy via existing T-tube or other tract fo dilation of biliary duct stricture removal of stone(s) except common duct stone exploration (postoperative)  Percutaneous transhepatic biliary drainage  Excludes: percutaneous aspiration of gallbladder (51.01) percutaneous biopsy and/or collection of specimen by brushing or washing (51.12) percutaneous removal of common duct stone(s) (51.96)			
	51.83 51.84 51.85 51.86 51.87 51.88 51.89 Other 51.91 51.92 51.93 51.94 51.95			

### 51.99 Other

Insertion or replacement of biliary tract prosthesis

Excludes: biopsy of gallbladder (51.12-51.13)

irrigation of cholecystostomy and other biliary tube (96.41)

Ivsis of peritoneal adhesions (54.5)

nonoperative removal of:

cholecvstostomy tube (97.54)

tube from biliary tract or liver (97.55)

#### 52 Operations on pancreas

Includes: operations on pancreatic duct Code also any application or administration of an adhesion barrier substance (99.77)

#### 52.0 Pancreatotomy

52.01 Drainage of pancreatic cyst by catheter

## 52.09 Other pancreatotomy

Pancreatolithotomy

Excludes: drainage by anastomosis (52.4, 52.96) incision of pancreatic sphincte (51.82) marsupialization of cyst (52.3)

#### 52.1 Diagnostic procedures on pancreas

52.11 Closed [aspiration] [needle] [percutaneous] biopsy of pancreas

52.12 Open biopsy of pancreas

52.13 Endoscopic retrograde pancreatography [ERP]

Excludes: endoscopic retrograde:

cholangiography [ERC] (51.11)

cholanajopancreatoaraphy [ERCP] (51.10)

that for procedures classifiable to 51.14-51.15, 51.64,

51.84-51.88, 52.14, 52.21, 52.92-52.94, 52.97-52.98

#### 52.14 Closed [endoscopic] biopsy of pancreatic duct

Closed biopsy of pancreatic duct by procedures classifiable to 51.10-51.11, 52.13

## 52.19 Other diagnostic procedures on pancreas

Excludes: contrast pancreatogram (87.66) endoscopic retrograde pancreatography [ERP] (52.13) microscopic examination of specimen from pancreas (91.01-91.09)

## 52.2 Local excision or destruction of pancreas and pancreatic duct

Excludes: biopsy of pancreas (52.11-52.12, 52.14) pancreatic fistulectomy (52.95)

## 52.21 Endoscopic excision or destruction of lesion or tissue of pancreatic duct

Excision or destruction of lesion or tissue of pancreatic duct by procedures classifiable to 51.10-51.11, 52.13

## 52.22 Other excision or destruction of lesion or tissue of pancreas or pancreatic duct

New code Revised code 4th digit required

# 52.3 Marsupialization of pancreatic cyst Excludes: drainage of cyst by catheter (52.01) 52.4 Internal drainage of pancreatic cyst Pancreaticocystoduodenostomy Pancreaticocystogastrostomy Pancreaticocystojejunostomy 52.5 Partial pancreatectomy Excludes: pancreatic fistulectomy (52.95) 52.51 Proximal pancreatectomy Excision of head of pancreas (with part of body) Proximal pancreatectomy with synchronous duodenectomy 52.52 Distal pancreatectomy Excision of tail of pancreas (with part of body) 52.53 Radical subtotal pancreatectomy 52.59 Other partial pancreatectomy 52.6 Total pancreatectomy Pancreatectomy with synchronous duodenectomy 52.7 Radical pancreaticoduodenectomy One-stage pancreaticoduodenal resection with choledochoieiunal anastomosis, pancreaticojejunal anastomosis, and gastrojejunostomy Two-stage pancreaticoduodenal resection (first stage) (second stage) Radical resection of the pancreas Whipple procedure Excludes: radical subtotal pancreatectomy (52.53) 52.8 Transplant of pancreas Note: To report donor source - see codes 00.91-00.93 52.80 Pancreatic transplant, not otherwise specified 52.81 Reimplantation of pancreatic tissue 52.82 Homotransplant of pancreas 52.83 Heterotransplant of pancreas 52.84 Autotransplantation of cells of Islets of Langerhans Homotransplantation of islet cells of pancreas 52.85 Allotransplantation of cells of Islets of Langerhans Heterotransplantation of islet cells of pancreas 52.86 Transplantation of cells of Islets of Langerhans, not otherwise specified 52.9 Other operations on pancreas 52.92 Cannulation of pancreatic duct Excludes: that by endoscopic approach (52.93) 52.93 Endoscopic insertion of stent (tube) into pancreatic duct Insertion of cannula or stent into pancreatic duct by procedures classifiable to 51.10-51.11, 52.13

replacement of stent (tube) (97.05)

Excludes: endoscopic insertion of nasopancreatic drainage tube (52.97)

52.94 Endoscopic removal of stone(s) from pancreatic duct

Removal of stone(s) from pancreatic duct by procedures classifiable to 51.10-51.11, 52.13

52.95 Other repair of pancreas

Fistulectomy of pancreas Simple suture of pancreas

52.96 Anastomosis of pancreas

Anastomosis of pancreas (duct) to:

intestine ieiunum stomach

Excludes: anastomosis to:

bile duct (51.39) gallbladder (51.33)

52.97 Endoscopic insertion of nasopancreatic drainage tube

Insertion of nasopancreatic drainage tube by procedures classifiable to 51.10-51.11, 52.13

Excludes: drainage of pancreatic cyst by catheter (52.01) replacement of stent (tube) (97.05)

52.98 Endoscopic dilation of pancreatic duct

Dilation of Wirsung's duct by procedures classifiable to 51.10-51.11. 52.13

52.99 Other

Dilation of pancreatic [Wirsung's] duct by open approach Repair of pancreatic [Wirsung's] duct by open approach

Excludes: irrigation of pancreatic tube (96.42) removal of pancreatic tub (97.56)

## 53 Repair of hernia

Includes: hernioplasty herniorrhaphy

Code also any application or administration of an adhesion barrier substance (99.77)

Excludes: manual reduction of hernia (96.27)

53.0 Unilateral repair of inquinal hernia

53.00 Unilateral repair of inquinal hernia, not otherwise specified Inquinal herniorrhaphy NOS

53.01 Repair of direct inquinal hernia

53.02 Repair of indirect inquinal hernia

53.03 Repair of direct inquinal hernia with graft or prosthesis

53.04 Repair of indirect inquinal hernia with graft or prosthesis

53.05 Repair of inquinal hernia with graft or prosthesis, not otherwise specified

53.1	Bilater	al repair of inguinal hernia
	53.10	Bilateral repair of inguinal hernia, not otherwise specified
	53.11	Bilateral repair of direct inguinal hernia
	53.12	Bilateral repair of indirect inguinal hernia
	53.13	Bilateral repair of inguinal hernia, one direct and one indirect
	53.14	Bilateral repair of direct inguinal hernia with graft or prosthesis
	53.15	Bilateral repair of indirect inguinal hernia with graft or prosthesis
	53.16	Bilateral repair of inguinal hernia, one direct and one indirect, with graft or prosthesis
	53.17	Bilateral inguinal hernia repair with graft or prosthesis, not otherwise specified
53.2	Unilate	eral repair of femoral hernia
	53.21	Unilateral repair of femoral hernia with graft or prosthesis
	53.29	Other unilateral femoral herniorrhaphy
533	Rilater	al repair of femoral hernia
33.3		Bilateral repair of femoral hernia with graft or prosthesis
		Other bilateral femoral herniorrhaphy
53.4		of umbilical hernia
JJ. <del>T</del>	•	es: repair of gastroschisis (54.71)
		Repair of umbilical hernia with prosthesis
		Other umbilical herniorrhaphy
<b>-</b> 2 -		• ,
55.5	prosth	of other hernia of anterior abdominal wall (without graft or esis)
		Incisional hernia repair
		Repair of other hernia of anterior abdominal wall
		Repair of hernia:
		epigastric
		hypogastric spigelian
		ventral
53.6	Repair	of other hernia of anterior abdominal wall with graft or prosthesis
	•	Incisional hernia repair with prosthesis
		Repair of other hernia of anterior abdominal wall with prosthesis
53.7		of diaphragmatic hernia, abdominal approach
53.8	Repair	of diaphragmatic hernia, thoracic approach
	53.80	Repair of diaphragmatic hernia with thoracic approach, not otherwise specified  Thoracoabdominal repair of diaphragmatic hernia
	53.81	Plication of the diaphragm
		Repair of parasternal hernia
140		OR procedure Non OR procedure but affects ThaiDRG
-		

## 53.9 Other hernia repair

Repair of hernia:

ischiatic

ischiorectal

lumbar

obturator

omental

retroperitoneal

sciatic

Excludes: relief of strangulated hernia with exteriorization of intestine

(46.01, 46.03)

repair of pericolostomy hernia (46.42) repair of vaginal enterocele (70.92)

## 54 Other operations on abdominal region

Includes: operations on:

epigastric region

flank

aroin region

hypochondrium

inguinal region

loin region

male pelvic cavity

mesentery

omentum

peritoneum

retroperitoneal tissue space

Code also any application or administration of an adhesion barrier

substance (99.77)

Excludes: female pelvic cavity (69.01-70.92)

hernia repair <u>(53.00-53.9)</u>

obliteration of cul-de-sac (70.92) retroperitoneal tissue dissection (59.00-59.09)

skin and subcutaneous tissue of abdominalwall (86.01-86.99)

## 54.0 Incision of abdominal wall

Drainage of:

abdominal wall

extraperitoneal abscess

retroperitoneal abscess

Excludes: incision of peritoneum (54.95)

laparotomy (54.11-54.19)

```
54.1 Laparotomy
     54.11 Exploratory laparotomy
            Excludes: exploration incidental to intra abdominal surgery -- omit code
     54.12 Reopening of recent laparotomy site
             Reopening of recent laparotomy site for:
                control of hemorrhage
                exploration
                incision of hematoma
     54.19 Other laparotomy
             Drainage of intraperitoneal abscess or hematoma
            Excludes: culdocentesis (70.0)
                     drainage of appendiceal abscess (47.2)
                     exploration incidental to intra abdominal surgery -- omit code
                     Ladd operation (54.95)
                     percutaneous drainage of abdomen (54.91)
                     removal of foreign body (54.92)
54.2 Diagnostic procedures of abdominal region
     54.21 Laparoscopy
             Peritoneoscopy
            Excludes: laparoscopic cholecystectomy (51.23)
                     that incidental to destruction of fallopian tubes (66.21-66.29)
     54.22 Biopsy of abdominal wall or umbilicus
     54.23 Biopsy of peritoneum
               Biopsy of:
                  mesentery
                  omentum
                  peritoneal implant
            Excludes: closed biopsy of:
                        omentum (54.24)
                        peritoneum (54.24)
     54.24 Closed [percutaneous] [needle] biopsy of intra-abdominal mass
              Closed biopsy of:
                omentum
                peritoneal implant
                peritoneum
            Excludes: that of:
                       fallopian tube (66.11)
                       ovary (65.11)
                       uterine ligaments (68.15)
                       uterus (68.16)
     54.25 Peritoneal lavage
             Diagnostic peritoneal lavage
```

Excludes: peritoneal dialysis (54.98)

## 54.29 Other diagnostic procedures on abdominal region

```
Excludes: abdominal lymphangiogram (88.04)
         abdominal x-ray NEC (88.19)
         angiocardiography of venae cava (88.51)
         C.A.T. scan of abdomen (88.01)
         contrast x-ray of abdominal cavity (88.11-88.15)
         intra-abdominal arteriography NEC (88.47)
         microscopic examination of peritoneal and retroperitoneal
               specimen (91.11-91.19)
         phleboaraphy of:
           intra-abdominal vessels NEC (88.65)
           portal venous system (88.64)
         sinogram of abdominal wall (88.03)
         soft tissue x-ray of abdominal wall NEC (88.09)
         tomography of abdomen NE (88.02)
         ultrasonoaraphy of abdomen and retroperitoneum (88.76)
```

## 54.3 Excision or destruction of lesion or tissue of abdominal wall or umbilicus

Debridement of abdominal wall Omphalectomy

Excludes: biopsy of abdominal wall or umbilicus (54.22) size reduction operation (86.83) that of skin of abdominal wall (86.22, 86.26, 86.3)

# 54.4 Excision or destruction of peritoneal tissue

Excision of: appendices epiploicae falciform ligament gastrocolic ligament lesion of: mesenterv omentum peritoneum presacral lesion NOS retroperitoneal lesion NOS

Excludes: biopsy of peritoneum (54.23) endometrectomy of cul-de-sac (70.32) 54.5 Lysis of peritoneal adhesions

```
Freeing of adhesions of:
        biliary tract
        intestines
        liver
        pelvic peritoneum
        peritoneum
        spleen
        uterus
     Excludes: lysis of adhesions of:
                    bladder (59.11)
                   fallopian tube and ovary
                      laparoscopic (65.81)
                      other (65.89)
                    kidney (59.02)
                   ureter (59.02)
     54.51 Laparoscopic lysis of peritoneal adhesions
     54.59 Other lysis of peritoneal adhesions
54.6 Suture of abdominal wall and peritoneum
     54.61 Reclosure of postoperative disruption of abdominal wall
     54.62 Delayed closure of granulating abdominal wound
             Tertiary subcutaneous wound closure
     54.63 Other suture of abdominal wall
             Suture of laceration of abdominal wall
            Excludes: closure of operative wound -- omit code
     54.64 Suture of peritoneum
             Secondary suture of peritoneum
            Excludes: closure of operative wound -- omit code
54.7 Other repair of abdominal wall and peritoneum
     54.71 Repair of gastroschisis
     54.72 Other repair of abdominal wall
     54.73 Other repair of peritoneum
             Suture of gastrocolic ligament
     54.74 Other repair of omentum
             Epiplorrhaphy
             Graft of omentum
             Omentopexy
             Reduction of torsion of omentum
            Excludes: cardio-omentopexy (36.39)
     54.75 Other repair of mesentery
             Mesenteric plication
             Mesenteropexy
```

## 54.9 Other operations of abdominal region

Excludes: removal of ectopic pregnancy (74.3)

54.91 Percutaneous abdominal drainage

**Paracentesis** 

Excludes: creation of cutaneoperitoneal fistula (54.93)

- 54.92 Removal of foreign body from peritoneal cavity
- 54.93 Creation of cutaneoperitoneal fistula
- 54.94 Creation of peritoneovascular shunt Peritoneovenous shunt

54.95 Incision of peritoneum

Exploration of ventriculoperitoneal shunt at peritoneal site

Ladd operation

Revision of distal catheter of ventricular shunt

Revision of ventriculoperitoneal shunt at peritoneal site

Excludes: that incidental to laparotomy (54.11-54.19)

# 54.96 Injection of air into peritoneal cavity

Pneumoperitoneum Excludes: that for:

collapse of lung (33.33)

radiography (88.12-88.13, 88.15)

#### 54.97 Injection of locally-acting therapeutic substance into peritoneal cavity

Excludes: peritoneal dialysis (54.98)

#### 54.98 Peritoneal dialysis

Excludes: peritoneal lavage (diagnostic) (54.25)

#### 54.99 Other

Excludes: removal of:

abdominal wall suture (97.83) peritoneal drainage device (97.82) retroperitoneal drainage device (97.81)

#### 10. OPERATIONS ON THE URINARY SYSTEM (55-59)

## 55 Operations on kidney

Includes: operations on renal pelvis

Code also any application or administration of an adhesion barrier substance

(99.77)

Excludes: perirenal tissue (59.00-59.09, 59.21-59.29,59.91-59.92)

#### 55.0 Nephrotomy and nephrostomy

Excludes: drainage by:

anastomosis <u>(55.86)</u> aspiration <u>(55.92)</u>

incision of kidney pelvis (55.11-55.12)

#### 55.01 Nephrotomy

Evacuation of renal cyst Exploration of kidney Nephrolithotomy

## 55.02 Nephrostomy

## 55.03 Percutaneous nephrostomy without fragmentation

Nephrostolithotomy, percutaneous (nephroscopic)

Percutaneous removal of kidney stone(s) by:

basket extraction

forceps extraction (nephroscopic)

Pyelostolithotomy, percutaneous (nephroscopic)

With placement of catheter down ureter

Excludes: percutaneous removal by fragmentation (55.04)

repeat nephroscopic removal during current episode (55.92)

#### 55.04 Percutaneous nephrostomy with fragmentation

Percutaneous nephrostomy with disruption of kidney stone by ultrasonic energy and extraction (suction) through endoscope

With placement of catheter down ureter

With fluoroscopic guidance

Excludes: repeat fragmentation during current episode (59.95)

#### 55.1 Pyelotomy and pyelostomy

Excludes: drainage by anastomosis (55.86)

percutaneous pyelostolithotomy (55.03) removal of calculus without incision (56.0)

#### 55.11 Pvelotomy

Exploration of renal pelvis

Pvelolithotomy

#### 55.12 Pvelostomy

Insertion of drainage tube into renal pelvis

```
55.2 Diagnostic procedures on kidney
     55.21 Nephroscopy
     55.22 Pyeloscopy
     55.23 Closed [percutaneous] [needle] biopsy of kidney
             Endoscopic biopsy via existing nephrostomy, nephrotomy, pyelostomy,
               or pyelotomy
     55.24 Open biopsy of kidney
     55.29 Other diagnostic procedures on kidney
            Excludes: microscopic examination of specimen from kidney (91.21-
                      91.29)
                     pveloaram:
                       intravenous (87.73)
                       percutaneous (87.75)
                       retrograde (87.74)
                     radioisotope scan (92.03)
                     renal arterioaraphy (88.45)
                     tomography:
                       C.A.T. scan (87.71)
                       other (87.72)
55.3 Local excision or destruction of lesion or tissue of kidney
     55.31 Marsupialization of kidney lesion
     55.32 Open ablation of renal lesion or tissue
     55.33 Percutaneous ablation of renal lesion or tissue
     55.34 Laparoscopic ablation of renal lesion or tissue
     55.35 Other and unspecified ablation of renal lesion or tissue
     55.39 Other local destruction or excision of renal lesion or tissue ®
             Obliteration of calvceal diverticulum
            Excludes: ablation of renal lesion or tissue:
                        laparoscopic (55.34)
                        open (55.32)
                        other (55.35)
                        percutaneous (55.33)
                      biopsy of kidney (55.23-55.24)
                      partial nephrectomy (55.4)
                      percutaneous aspiration of kidney (55.92)
```

#### 55.4 Partial nephrectomy

Calycectomy Wedge resection of kidney

Code also any synchronous resection of ureter (56.40-56.42)

wedge resection of kidney (55.4)

# 55.5 Complete nephrectomy Code also any synchronous excision of: adrenal gland (07.21-07.3) bladder segment (57.6) lymph nodes (40.3, 40.52-40.59) 55.51 Nephroureterectomy Nephroureterectomy with bladder cuff Total nephrectomy (unilateral) Excludes: removal of transplanted kidney (55.53) 55.52 Nephrectomy of remaining kidney Removal of solitary kidney Excludes: removal of transplanted kidney (55.53) 55.53 Removal of transplanted or rejected kidney 55.54 Bilateral nephrectomy Excludes: complete nephrectomy NOS (55.51) 55.6 Transplant of kidney Note: To report donor source - see codes 00.91-00.93 55.61 Renal autotransplantation 55.69 Other kidney transplantation 55.7 Nephropexy Fixation or suspension of movable [floating] kidney 55.8 Other repair of kidney 55.81 Suture of laceration of kidney 55.82 Closure of nephrostomy and pyelostomy 55.83 Closure of other fistula of kidney 55.84 Reduction of torsion of renal pedicle 55.85 Symphysiotomy for horseshoe kidney 55.86 Anastomosis of kidney Nephropyeloureterostomy Pyeloureterovesical anastomosis Ureterocalyceal anastomosis Excludes: nephrocystanastomosis NO (56.73) 55.87 Correction of ureteropelvic junction 55.89 Other 55.9 Other operations on kidney Excludes: lysis of perirenal adhesions (59.02) 55.91 Decapsulation of kidney Capsulectomy of kidney Decortication of kidney

# 55.92 Percutaneous aspiration of kidney (pelvis) Aspiration of renal cyst Renipuncture Excludes: percutaneous biopsy of kidney (55,23) 55.93 Replacement of nephrostomy tube 55.94 Replacement of pyelostomy tube 55.95 Local perfusion of kidney 55.96 Other injection of therapeutic substance into kidney Injection into renal cyst 55.97 Implantation or replacement of mechanical kidney 55.98 Removal of mechanical kidney 55.99 Other Excludes: removal of pyelostomy or nephrostomy tube (97.61) 56 Operations on ureter Code also any application or administration of an adhesion barrier substance (99.77)56.0 Transurethral removal of obstruction from ureter and renal pelvis Removal of blood clot from ureter or renal pelvis without incision calculus from ureter or renal pelvis without incision foreign body from ureter or renal pelvis without incision Excludes: manipulation without removal of obstruction (59.8) that by incision (55.11, 56.2) transurethral insertion of ureteral stent for passage of calculus (59.8)56.1 Ureteral meatotomy 56.2 Ureterotomy Incision of ureter for: drainage exploration removal of calculus Excludes: cutting of ureterovesical orifice (56.1) removal of calculus without incision (56.0) transurethral insertion of ureteral stent for passage of calculus *urinary diversion* (56.51-56.79) 56.3 Diagnostic procedures on ureter 56.31 Ureteroscopy



Excludes: endoscopic biopsy of ureter (56.33)

56.32 Closed percutaneous biopsy of ureter



56.33 Closed endoscopic biopsy of ureter

Cystourethroscopy with ureteral biopsy

Transurethral biopsy of ureter

Ureteral endoscopy with biopsy through ureterotomy

Ureteroscopy with biopsy

Excludes: percutaneous biopsy of ureter (56.32)

56.34 Open biopsy of ureter

56.35 Endoscopy (cystoscopy) (looposcopy)of ileal conduit

56.39 Other diagnostic procedures on ureter

Excludes: microscopic examination of specimen from ureter

(91.21-91.29)

#### 56.4 Ureterectomy

Code also anastomosis other than end-to-end (56.51-56.79)

Excludes: fistulectomy (56.84)

nephroureterectomy (55.51-55.54)

56.40 Ureterectomy, not otherwise specified

## 56.41 Partial ureterectomy

Excision of lesion of ureter

Shortening of ureter with reimplantation

Excludes: biopsy of ureter (56.32-56.34)

56.42 Total ureterectomy

#### 56.5 Cutaneous uretero-ileostomy

#### 56.51 Formation of cutaneous uretero-ileostomy

Construction of ileal conduit

External ureteral ileostomy

Formation of open ileal bladder

Ileal loop operation

lleoureterostomy (Bricker's) (ileal bladder)

Transplantation of ureter into ileum with external diversion

Excludes: closed ileal bladder (57.87)

replacement of ureteral defect by ileal segment (56.89)

56.52 Revision of cutaneous uretero-ileostomy

#### 56.6 Other external urinary diversion

#### 56.61 Formation of other cutaneous ureterostomy

Anastomosis of ureter to skin

**Ureterostomy NOS** 

#### 56.62 Revision of other cutaneous ureterostomy

Revision of ureterostomy stoma

Excludes: nonoperative removal of ureterostomy tube (97.62)

# 56.7 Other anastomosis or bypass of ureter Excludes: ureteropyelostomy (55.86) 56.71 Urinary diversion to intestine Anastomosis of ureter to intestine Internal urinary diversion NOS Code also any synchronous colostomy (46.10-46.13) Excludes: external ureteral ileostomy (56.51) 56.72 Revision of ureterointestinal anastomosis Excludes: revision of external ureteral ileostomy (56.52) 56.73 Nephrocystanastomosis, not otherwise specified 56.74 Ureteroneocystostomy Replacement of ureter with bladder flap Ureterovesical anastomosis 56.75 Transureteroureterostomy Excludes: ureteroureterostomy associated with partial resection (56.41) 56.79 Other 56.8 Repair of ureter 56.81 Lysis of intraluminal adhesions of ureter Excludes: Ivsis of periureteral adhesions (59.01-59.02) ureterolysis (59.01-59.02) 56.82 Suture of laceration of ureter 56.83 Closure of ureterostomy 56.84 Closure of other fistula of ureter 56.85 Ureteropexy 56.86 Removal of ligature from ureter 56.89 Other repair of ureter Graft of ureter Replacement of ureter with ileal segment implanted into bladder Ureteroplication 56.9 Other operations on ureter 56.91 Dilation of ureteral meatus 56.92 Implantation of electronic ureteral stimulator 56.93 Replacement of electronic ureteral stimulator

56.94 Removal of electronic ureteral stimulator

Excludes: that with synchronous replacement (56.93)

- 56.95 Ligation of ureter
- 56.99 Other

Excludes: removal of ureterostomy tube an ureteral catheter (97.62) ureteral catheterization (59.8)







# 57 Operations on urinary bladder Code also any application or administration of an adhesion barrier substance (99.77) Excludes: perivesical tissue (59.11-59.29, 59.91-59.92) ureterovesical orifice (56.0-56.99) 57.0 Transurethral clearance of bladder Drainage of bladder without incision Removal of: blood clots from bladder without incision calculus from bladder without incision foreign body from bladder without incision Excludes: that by incision (57.19) 57.1 Cystotomy and cystostomy Excludes: cystotomy and cystostomy as operative approach -- omit code 57.11 Percutaneous aspiration of bladder 57.12 Lysis of intraluminal adhesions with incision into bladder Excludes: transurethral lysis of intraluminal adhesions (57.41) 57.17 Percutaneous cystostomy Closed cystostomy Percutaneous suprapubic cystostomy Excludes: removal of cystostomy tube (97.63) replacement of cystostomy tube (59.94) 57.18 Other suprapubic cystostomy Excludes: percutaneous cystostomy (57.17) removal of cystostomy tub (97.63) replacement of cystostomy tube (59.94) 57.19 Other cystotomy Cystolithotomy Excludes: percutaneous cystostomy (57.17) suprapubic cystostomy (57.18) 57.2 Vesicostomy Excludes: percutaneous cystostomy (57.17) suprapubic cystostomy (57.18) 57.21 Vesicostomy Creation of permanent opening from bladder to skin using a bladder flap 57.22 Revision or closure of vesicostomy Excludes: closure of cystostomy (57.82) 57.3 Diagnostic procedures on bladder 57.31 Cystoscopy through artificial stoma

## 57.32 Other cystoscopy

Transurethral cystoscopy

Excludes: cystourethroscopy with ureteral biopsy (56.33)

retrograde pyelogram (87.74)

that for control of hemorrhage (postoperative):

bladder (57.93) prostate (60.94)

## 57.33 Closed [transurethral] biopsy of bladder

## 57.34 Open biopsy of bladder

## 57.39 Other diagnostic procedures on bladder

Excludes: cvstoaram NEC (87.77)

microscopic examination of specimen from bladder

(91.31-91.39)

retrograde cystourethrogram (87.76) therapeutic distention of bladder (96.25)

## 57.4 Transurethral excision or destruction of bladder tissue

# 57.41 Transurethral lysis of intraluminal adhesions

## 57.49 Other transurethral excision or destruction of lesion or tissue of bladder

Endoscopic resection of bladder lesion

Excludes: transurethral biopsy of bladder (57.33) transurethral fistulectomy (57.83-57.84)

#### 57.5 Other excision or destruction of bladder tissue

Excludes: that with transurethral approach (57.41-57.49)

#### 57.51 Excision of urachus

Excision of urachal sinus of bladder

Excludes: excision of urachal cvst of abdominal wall (54.3)

## 57.59 Open excision or destruction of other lesion or tissue of bladder

Endometrectomy of bladder

Suprapubic excision of bladder lesion Excludes: biopsy of bladder (57.33-57.34) fistulectomy of bladder (57.83-57.84)

#### 57.6 Partial cystectomy

Excision of bladder dome

Trigonectomy

Wedge resection of bladder

## 57.7 Total cystectomy

Includes: total cystectomy with urethrectomy

#### 57.71 Radical cystectomy

Pelvic exenteration in male

Removal of bladder, prostate, seminal vesicles, and fat

Removal of bladder, urethra, and fat in a female

Code also anv:

lymph node dissection (40.3, 40.5) urinary diversion (56.51-56.79)

Excludes: that as part of pelvic exenteration in female (68.8)



# 57.79 Other total cystectomy 57.8 Other repair of urinary bladder Excludes: repair of: current obstetric laceration (75.61) cvstocele (70.50-70.51) that for stress incontinence (59.3-59.79) 57.81 Suture of laceration of bladder 57.82 Closure of cystostomy 57.83 Repair of fistula involving bladder and intestine Rectovesicovaginal fistulectomy Vesicosiamoidovaginal fistulectomy 57.84 Repair of other fistula of bladder Cervicovesical fistulectomy Urethroperineovesical fistulectomy Uterovesical fistulectomy Vaginovesical fistulectomy Excludes: vesicoureterovagina fistulectomy (56.84) 57.85 Cystourethroplasty and plastic repair of bladder neck Plication of sphincter of urinary bladder V-Y plasty of bladder neck 57.86 Repair of bladder exstrophy 57.87 Reconstruction of urinary bladder Anastomosis of bladder with isolated segment of ileum Augmentation of bladder Replacement of bladder with ileum or sigmoid [closed ileal bladder] Code also resection of intestine (45.50-45.52) 57.88 Other anastomosis of bladder Anastomosis of bladder to intestine NOS Cystocolic anastomosis Excludes: formation of closed ilea bladder (57.87) 57.89 Other repair of bladder Bladder suspension, not elsewhere classified Cystopexy NOS Repair of old obstetric laceration of bladder Excludes: repair of current obstetric laceration (75.61) 57.9 Other operations on bladder 57.91 Sphincterotomy of bladder Division of bladder neck 57.92 Dilation of bladder neck 57.93 Control of (postoperative) hemorrhage of bladder 57.94 Insertion of indwelling urinary catheter 57.95 Replacement of indwelling urinary catheter

57.96 Implantation of electronic bladder stimulator 57.97 Replacement of electronic bladder stimulator

# 57.98 Removal of electronic bladder stimulator Excludes: that with synchronou replacement (57.97) 57.99 Other **Excludes**: irrigation of: cvstostomy (96.47) other indwelling urinary catheter (96.48) lysis of external adhesions (59.11) removal of: cvstostomy tube (97.63) other urinary drainage devic (97.64) therapeutic distention of bladder (96.25) 58 Operations on urethra Includes: operations on: bulbourethral gland [Cowper's gland] periurethral tissue Code also any application or administration of an adhesion barrier substance (99.77)58.0 Urethrotomy Excision of urethral septum Formation of urethrovaginal fistula Perineal urethrostomy Removal of calculus from urethra by incision Excludes: drainage of bulbourethral gland or periurethral tissue (58.91) internal urethral meatotomy (58.5) removal of urethral calculus without incision (58.6) 58.1 Urethral meatotomy Excludes: internal urethral meatotomy (58.5) 58.2 Diagnostic procedures on urethra 58.21 Perineal urethroscopy 58.22 Other urethroscopy 58.23 Biopsy of urethra 58.24 Biopsy of periurethral tissue 58.29 Other diagnostic procedures on urethra and periurethral tissue Excludes: microscopic examination of specimen from urethra (91.31-91.39)retrograde cystourethrogram (87.76) urethral pressure profil (89.25)

urethral sphincter electromyogram (89.23)

58.3 Excision or destruction of lesion or tissue of urethra

Excludes: biopsy of urethra (58.23)

## excision of bulbourethral gland (58.92) fistulectomy (58.43) urethrectomy as part of: complete cystectomy (57.79) pelvic evisceration (68.8) radical cystectomy (57.71) 58.31 Endoscopic excision or destruction of lesion or tissue of urethra Fulguration of urethral lesion 58.39 Other local excision or destruction of lesion or tissue of urethra Excision of congenital valve of urethra lesion of urethra stricture of urethra Urethrectomy Excludes: that by endoscopic approach (58.31) 58.4 Repair of urethra Excludes: repair of current obstetric laceration (75.61) 58.41 Suture of laceration of urethra 58.42 Closure of urethrostomy 58.43 Closure of other fistula of urethra Excludes: repair of urethroperineovesical fistula (57.84) 58.44 Reanastomosis of urethra Anastomosis of urethra 58.45 Repair of hypospadias or epispadias 58.46 Other reconstruction of urethra Urethral construction 58.47 Urethral meatoplasty 58.49 Other repair of urethra Benenenti rotation of bulbous urethra Repair of old obstetric laceration of urethra Urethral plication Excludes: repair of: current obstetric laceration (75.61) urethrocele (70.50-70.51) 58.5 Release of urethral stricture Cutting of urethral sphincter Internal urethral meatotomy Urethrolysis 58.6 Dilation of urethra Dilation of urethrovesical junction Passage of sounds through urethra Removal of calculus from urethra without incision Excludes: urethral calibration (89.29) 156 OR procedure Non OR procedure but affects ThaiDRG

## 58.9 Other operations on urethra and periurethral tissue

## 58.91 Incision of periurethral tissue

Drainage of bulbourethral gland

## 58.92 Excision of periurethral tissue

Excludes: biopsy of periurethral tissue (58.24) lysis of periurethral adhesions laparoscopic (59.12) other (59.11)

## 58.93 Implantation of artificial urinary sphincter [AUS]

Placement of inflatable: bladder sphincter urethral sphincter

Removal with replacement of sphincter device [AUS] With pump and/or reservoir

#### 58.99 Other

Removal of inflatable urinary sphincter without replacement Repair of inflatable sphincter pump and/or reservoir Surgical correction of hydraulic pressure of inflatable sphincter device

Excludes: removal of:

intraluminal foreign body from urethra without incision (98.19)

urethral stent (97.65)

## 59 Other operations on urinary tract

Code also any application or administration of an adhesion barrier substance (99.77)

#### 59.0 Dissection of retroperitoneal tissue

- 59.00 Retroperitoneal dissection, not otherwise specified
- 59.02 Other lysis of perirenal or periureteral adhesions

Excludes: that by laparoscope (59.03)

- 59.03 Laparoscopic lysis of perirenal or periureteral adhesions
- 59.09 Other incision of perirenal or periureteral tissue Exploration of perinephric area Incision of perirenal abscess

#### 59.1 Incision of perivesical tissue

- 59.11 Other lysis of perivesical adhesions
- 59.12 Laparoscopic lysis of perivesical adhesions

## 59.19 Other incision of perivesical tissue

Exploration of perivesical tissue Incision of hematoma of space of Retzius Retropubic exploration

#### 59.2 Diagnostic procedures on perirenal and perivesical tissue

## 59.21 Biopsy of perirenal or perivesical tissue

## 59.29 Other diagnostic procedures on perirenal tissue, perivesical tissue, and retroperitoneum

Excludes: microscopic examination of specimen from: perirenal tissue (91.21-91.29) perivesical tissue (91.31-91.39) retroperitoneum NEC (91.11-91.19) retroperitoneal x-ray (88.14-88.16)

#### 59.3 Plication of urethrovesical junction

Kelly-Kennedy operation on urethra Kelly-Stoeckel urethral plication

## 59.4 Suprapubic sling operation

Goebel-Frangenheim-Stoeckel urethrovesical suspension Millin-Read urethrovesical suspension Oxford operation for urinary incontinence Urethrocystopexy by suprapubic suspension

## 59.5 Retropubic urethral suspension

Burch procedure Marshall-Marchetti-Krantz operation Suture of periurethral tissue to symphysis pubis Urethral suspension NOS

## 59.6 Paraurethral suspension

Perevra paraurethral suspension Periurethral suspension

#### 59.7 Other repair of urinary stress incontinence

# 59.71 Levator muscle operation for urethrovesical suspension

Cystourethropexy with levator muscle sling Gracilis muscle transplant for urethrovesical suspension Pubococcygeal sling

#### 59.72 Injection of implant into urethra and/or bladder neck

Collagen implant Endoscopic injection of implant Fat implant Polytef implant

## 59.79 Other

Anterior urethropexy Repair of stress incontinence NOS Tudor "rabbit ear" urethropexy

#### 59.8 Ureteral catheterization

Drainage of kidney by catheter Insertion of ureteral stent Ureterovesical orifice dilation Code also any ureterotomy (56.2)

Excludes: that for:

retrograde pyelogram (87.74)

transurethral removal of calculus or clot from ureter and

renal pelvis (56.0)

## 59.9 Other operations on urinary system

Excludes: nonoperative removal of therapeutic device (97.61-97.69)

## 59.91 Excision of perirenal or perivesical tissue

Excludes: biopsy of perirenal or perivesical tissue (59.21)

## 59.92 Other operations on perirenal or perivesical tissue

## 59.93 Replacement of ureterostomy tube

Change of ureterostomy tube Reinsertion of ureterostomy tube

Excludes: nonoperative removal of ureterostomy tube (97.62)

## 59.94 Replacement of cystostomy tube

Excludes: nonoperative removal of cystostomy tube (97.63)

#### 59.95 Ultrasonic fragmentation of urinary stones

Shattered urinary stones

Excludes: percutaneous nephrostomy with fragmentation (55.04)

shock-wave disintegratio (98.51)

#### 59.99 Other

Excludes: instillation of medication into urinary tract (96.49)

irrigation of urinary tract (96.45-96.48)

## 11. OPERATIONS ON THE MALE GENITAL ORGANS (60-64)

## 60 Operations on prostate and seminal vesicles

Includes: operations on periprostatic tissue

Code also any application or administration of an adhesion barrier substance (99.77)

Excludes: that associated with radical cystectomy (57.71)

#### 60.0 Incision of prostate

Drainage of prostatic abscess

Prostatolithotomy

Excludes: drainage of periprostatic tissue only (60.81)

## 60.1 Diagnostic procedures on prostate and seminal vesicles

## 60.11 Closed [percutaneous] [needle] biopsy of prostate

Approach:

transrectal transurethral

Punch biopsy

#### 60.12 Open biopsy of prostate

# 60.13 Closed [percutaneous] biopsy of seminal vesicles

Needle biopsy of seminal vesicles

## 60.14 Open biopsy of seminal vesicles

60.15 Biopsy of periprostatic tissue

## 60.18 Other diagnostic procedures on prostate and periprostatic tissue

Excludes: microscopic examination of specimen from prostate (91.31-91.39)

x-ray of prostate (87.92)

#### 60.19 Other diagnostic procedures on seminal vesicles

Excludes: microscopic examination of specimen from seminal vesicles

<u>(91.31-91.39)</u>

x-ray:

contrast seminal vesiculogra <u>(87.91)</u> other (87.92)

#### 60.2 Transurethral prostatectomy

Excludes: local excision of lesion of prostate (60.61)

# 60.21 Transurethral (ultrasound) guided laser induced prostatectomy (TULIP)

Ablation (contact) (noncontact) by laser

## 60.29 Other transurethral prostatectomy

Excision of median bar by transurethral approach

Transurethral electrovaporization of prostrate (TEVAP)

Transurethral enucleative procedure

Transurethral prostatectomy NOS

Transurethral resection of prostate (TURP)

		TED 5 CM TABOLAN LIST OF TROCLDONLS (TTO					
60.3	Tra	<b>pubic prostatectomy</b> nsvesical prostatectomy					
	Exclud	es: local excision of lesion of prostate (60.61) radical prostatectomy (60.5)					
60.4	4 Retropubic prostatectomy						
	Exclud	es: local excision of lesion of prostate (60.61) radical prostatectomy (60.5)					
60.5	Radical prostatectomy Prostatovesiculectomy Radical prostatectomy by any approach						
	Exclud	es: cystoprostatectomy <u>(57.71)</u>					
60.6	Other	prostatectomy					
	60.61	Local excision of lesion of prostate					
		Excision of prostatic lesion by any approach					
		Excludes: biopsy of prostate (60.11-60.12)					
	60.62	Perineal prostatectomy Cryoablation of prostate Cryoprostatectomy Cryosurgery of prostate Radical cryosurgical ablation of prostate (RCSA)					
		Excludes: local excision of lesion of prostate (60.61)					
	60.69	Other					
60.7	Opera	tions on seminal vesicles					
	60.71	Percutaneous aspiration of seminal vesicle					
		Excludes: needle biopsy of seminal vesicl (60.13)					
	60.72	Incision of seminal vesicle					
	60.73	Excision of seminal vesicle Excision of Müllerian duct cyst Spermatocystectomy					
		Excludes: biopsy of seminal vesicle (60.13-60.14) prostatovesiculectomy (60.5)					
	60.79	Other operations on seminal vesicles					
60.8	Incisio	n or excision of periprostatic tissue					
	60.81	Incision of periprostatic tissue Drainage of periprostatic abscess					
	60.82	Excision of periprostatic tissue Excision of lesion of periprostatic tissue					
		Excludes: biopsy of periprostatic tissue (60.15)					

# 60.9 Other operations on prostate

60.91 Percutaneous aspiration of prostate

Excludes: needle biopsy of prostat (60.11)

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60.92 Injection into prostate test link
     60.93 Repair of prostate
     60.94 Control of (postoperative) hemorrhage of prostate
              Coagulation of prostatic bed
              Cystoscopy for control of prostatic hemorrhage
     60.95 Transurethral balloon dilation of the prostatic urethra
     60.96 Transurethral destruction of prostate tissue by microwave
            thermotherapy
              Transurethral microwave thermotherapy (TUMT) of prostate
            Excludes: Prostatectomy:
                            other (60.61 - 60.69)
                            radical (60.5)
                            retropubic (60.4)
                            suprapubic (60.3)
                            transurethral (60.21 - 60.29)
     60.97
            Other transurethral destruction of prostate tissue by other
            thermotherapy
              Radiofrequency thermotherapy
              Transurethral needle ablation (TUNA) of prostate
            Excludes: Prostatectomy:
                            other (60.61 - 60.69)
                            radical (60.5)
                            retropubic (60.4)
                            suprapubic (60.3)
                            transurethral (60.21 - 60.29)
     60.99 Other
            Excludes: prostatic massage (99.94)
61 Operations on scrotum and tunica vaginalis
61.0 Incision and drainage of scrotum and tunica vaginalis
     Excludes: percutaneous aspiration of hydrocele (61.91)
61.1 Diagnostic procedures on scrotum and tunica vaginalis
     61.11 Biopsy of scrotum or tunica vaginalis
     61.19 Other diagnostic procedures on scrotum and tunica vaginalis
61.2 Excision of hydrocele (of tunica vaginalis)
         Bottle repair of hydrocele of tunica vaginalis
     Excludes: percutaneous aspiration of hydrocele (61.91)
61.3 Excision or destruction of lesion or tissue of scrotum
         Fulguration of lesion of scrotum
         Reduction of elephantiasis of scrotum
         Partial scrotectomy of scrotum
     Excludes: biopsy of scrotum (61.11)
                 scrotal fistulectomy (61.42)
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#### 61.4 Repair of scrotum and tunica vaginalis

- 61.41 Suture of laceration of scrotum and tunica vaginalis
- 61.42 Repair of scrotal fistula
- 61.49 Other repair of scrotum and tunica vaginalis Reconstruction with rotational or pedicle flaps

## 61.9 Other operations on scrotum and tunica vaginalis

- 61.91 Percutaneous aspiration of tunica vaginalis Aspiration of hydrocele of tunica vaginalis
- 61.92 Excision of lesion of tunica vaginalis other than hydrocele Excision of hematocele of tunica vaginalis
- 61.99 Other

Excludes: removal of foreign body from scrotum without incision (98.24)

## 62 Operations on testes

- 62.0 Incision of testis
- 62.1 Diagnostic procedures on testes
  - 62.11 Closed [percutaneous] [needle] biopsy of testis
  - 62.12 Open biopsy of testis
  - 62.19 Other diagnostic procedures on testes

#### 62.2 Excision or destruction of testicular lesion

Excision of appendix testis Excision of cyst of Morgagni in the male Excludes: biopsy of testis (62.11-62.12)

#### 62.3 Unilateral orchiectomy

Orchidectomy (with epididymectomy) NOS

#### 62.4 Bilateral orchiectomy

Male castration

Radical bilateral orchiectomy (with epididymectomy)

Code also any synchronous lymph node dissection (40.3, 40.5)

## 62.41 Removal of both testes at same operative episode Bilateral orchidectomy NOS

# 62.42 Removal of remaining testis

Removal of solitary testis

#### 62.5 Orchiopexy

Mobilization and replacement of testis in scrotum Orchiopexy with detorsion of testis Torek (-Bevan) operation (orchidopexy) (first stage) (second stage) Transplantation to and fixation of testis in scrotum



62.6 F	Repair of testes						
	Excludes: reduction of torsion (63.52)						
6	62.61 Suture of laceration of testis						
6	<b>62.69</b> Other repair of testis Testicular graft						
62.7 I	7 Insertion of testicular prosthesis						
62.9	9 Other operations on testes						
•	62.91 Aspiration of testis						
	Excludes: percutaneous biopsy of testis (62.11)						
6	62.92 Injection of therapeutic substance into testis						
6	62.99 Other						
63 C	Operations on spermatic cord, epididymis, and vas deferens						
63.0 E	Diagnostic procedures on spermatic cord, epididymis, and vas deferens						
6	63.01 Biopsy of spermatic cord, epididymis, or vas deferens						
(	63.09 Other diagnostic procedures on spermatic cord, epididymis, and vas deferens						
	Excludes: contrast epididymogram (87.93)  contrast vasogram (87.94)  other x-ray of epididymis and vas deferens (87.95)						
62.1							
63.1 E	Excision of varicocele and hydrocele of spermatic cord High ligation of spermatic vein Hydrocelectomy of canal of Nuck						
63.2 E	Excision of cyst of epididymis Spermatocelectomy						
	Excision of other lesion or tissue of spermatic cord and epididymis  Excision of appendix epididymis  Excludes: biopsy of spermatic cord or epididymis (63.01)						
63.4 E	Epididymectomy						
I	Excludes: that synchronous with orchiectomy (62.3-62.42)						
63.5 F	3.5 Repair of spermatic cord and epididymis						
6	63.51 Suture of laceration of spermatic cord and epididymis						
6	63.52 Reduction of torsion of testis or spermatic cord						
	Excludes: that associated with orchiopexy (62.5)						
6	63.53 Transplantation of spermatic cord						
	63.59 Other repair of spermatic cord and epididymis						
63.6 \	Vasotomy						
6271	Vasostomy Vasectomy and ligation of vas deferens						
	63.70 Male sterilization procedure, not otherwise specified						
,	os., o maie stermzation procedure, not otherwise specified						
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## 63.71 Ligation of vas deferens

Crushing of vas deferens Division of vas deferens

- 63.72 Ligation of spermatic cord
- 63.73 Vasectomy
- 63.8 Repair of vas deferens and epididymis
  - 63.81 Suture of laceration of vas deferens and epididymis
  - 63.82 Reconstruction of surgically divided vas deferens
  - 63.83 Epididymovasostomy
  - 63.84 Removal of ligature from vas deferens
  - 63.85 Removal of valve from vas deferens
  - 63.89 Other repair of vas deferens and epididymis
- 63.9 Other operations on spermatic cord, epididymis, and vas deferens
  - 63.91 Aspiration of spermatocele
  - 63.92 Epididymotomy
  - 63.93 Incision of spermatic cord
  - 63.94 Lysis of adhesions of spermatic cord
  - 63.95 Insertion of valve in vas deferens
  - 63.99 Other

## 64 Operations on penis

Includes: operations on:

corpora cavernosa alans penis prepuce

- 64.0 Circumcision
- 64.1 Diagnostic procedures on the penis
  - 64.11 Biopsy of penis
  - 64.19 Other diagnostic procedures on penis
- 64.2 Local excision or destruction of lesion of penis

Excludes: biopsy of penis (64.11)

- 64.3 Amputation of penis
- 64.4 Repair and plastic operation on penis
  - 64.41 Suture of laceration of penis
  - 64.42 Release of chordee
  - 64.43 Construction of penis
  - 64.44 Reconstruction of penis
  - 64.45 Replantation of penis

Reattachment of amputated penis



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64.49 Other repair of penis
             Excludes: repair of epispadias and hypospadias (58.45)
64.5 Operations for sex transformation, not elsewhere classified
64.9 Other operations on male genital organs
     64.91 Dorsal or lateral slit of prepuce
      64.92 Incision of penis
      64.93 Division of penile adhesions
     64.94 Fitting of external prosthesis of penis
              Penile prosthesis NOS
     64.95 Insertion or replacement of non-inflatable penile prosthesis
              Insertion of semi-rigid rod prosthesis into shaft of penis
             Excludes: external penile prosthesi (64.94)
                      inflatable penile prosthesis (64.97)
                      plastic repair, penis (64,43-64,49)
                      that associated with:
                        construction (64.43)
                        reconstruction (64.44)
     64.96 Removal of internal prosthesis of penis
              Removal without replacement of non-inflatable or inflatable
                penile prosthesis
     64.97 Insertion or replacement of inflatable penile prosthesis
              Insertion of cylinders into shaft of penis and placement of pump
                and reservoir
             Excludes: external penile prosthesi (64.94)
                      non-inflatable penile prosthesi (64.95)
                      plastic repair, penis (64,43-64,49)
      64.98 Other operations on penis
              Corpora cavernosa-corpus spongiosum shunt
              Corpora-saphenous shunt
              Irrigation of corpus cavernosum
             Excludes: removal of foreign body:
                        intraluminal (98.19)
                        without incision (98.24)
                      stretching of foreskin (99.95)
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64.99 Other

Excludes: collection of sperm fo artificial insemination (99.96)

#### 12. OPERATIONS ON THE FEMALE GENITAL ORGANS (65-71)

65 Operations on ovary

Code also any application or administration of an adhesion barrier substance (99.77)

65.0 Oophorotomy

Salpingo-oophorotomy

- 65.01 Laparoscopic oophorotomy
- 65.09 Other oophorotomy
- 65.1 Diagnostic procedures on ovaries
  - 65.11 Aspiration biopsy of ovary
  - 65.12 Other biopsy of ovary
  - 65.13 Laparoscopic biopsy of ovary
  - 65.14 Other laparoscopic diagnostic procedures on ovaries
  - 65.19 Other diagnostic procedures on ovaries

Excludes: microscopic examination of specimen from ovary (91.41-91.49)

- 65.2 Local excision or destruction of ovarian lesion or tissue
  - 65.21 Marsupialization of ovarian cvst

Excludes: that by laparoscope (65.23)

65.22 Wedge resection of ovary

Excludes: that by laparoscope (65.24)

- 65.23 Laparoscopic marsupialization of ovarian cvst
- 65.24 Laparoscopic wedge resection of ovary
- 65.25 Other laparoscopic local excision or destruction of ovary
- 65.29 Other local excision or destruction of ovary

Bisection of ovary Cauterization of ovary Partial excision of ovary

Excludes: biopsy of ovary (65.11-65.13) that by laparoscope (65.25)

- 65.3 Unilateral oophorectomy
  - 65.31 Laparoscopic unilateral oophorectomy
  - 65.39 Other unilateral oophorectomy

Excludes: that by laparoscope (65.31)

- 65.4 Unilateral salpingo-oophorectomy
  - 65.41 Laparoscopic unilateral salpingo-oophorectomy
  - 65.49 Other unilateral salpingo-oophorectomy

65.5	Bilater	Bilateral oophorectomy				
	65.51	Other removal of both ovaries at same operative episode Female castration				
		Excludes: that by laparoscope (65.53)				
	65.52	Other removal of remaining ovary Removal of solitary ovary				
		Excludes: that by laparoscope (65.54)				
	65.53	Laparoscopic removal of both ovaries at same operative episode				
	65.54	Laparoscopic removal of remaining ovary				
65.6	Bilater	ral salpingo-oophorectomy				
	65.61	Other removal of both ovaries and tubes at same operative episode				
		Excludes: that by laparoscope (65.63)				
	65.62	Other removal of remaining ovary and tube Removal of solitary ovary and tube				
		Excludes: that by laparoscope (65.64)				
	65.63	Laparoscopic removal of both ovaries and tubes at same operative episode				
	65.64	Laparoscopic removal of remaining ovary and tube				
65.7	Repair	of ovary				
	Exclud	es: salpingo-oophorostomy <u>(66.72)</u>				
	65.71	Other simple suture of ovary				
		Excludes: that by laparoscope (65.74)				
	65.72	Other reimplantation of ovary				
		Excludes: that by laparoscope (65.75)				
	65.73	Other salpingo-oophoroplasty				
		Excludes: that by laparoscope (65.76)				
	65.74	Laparoscopic simple suture of ovary				
	65.75	Laparoscopic reimplantation of ovary				
	65.76	Laparoscopic salpingo-oophoroplasty				
	65.79	Other repair of ovary Oophoropexy				
65.8	Lysis (	of adhesions of ovary and fallopian tube				
	65.81	Laparoscopic lysis of adhesions of ovary and fallopian tube				
	65.89	Other lysis of adhesions of ovary and fallopian tube				
		Excludes: that by laparoscope (65.81)				
65.9	Other	operations on ovary				
	65.91	Aspiration of ovary				
		Excludes: aspiration biopsy of ovary (65.11)				

## 65.92 Transplantation of ovary

Excludes: reimplantation of ovary *laparoscopic* (65.75) other (65.72)

- 65.93 Manual rupture of ovarian cvst
- 65.94 Ovarian denervation
- 65.95 Release of torsion of ovary
- 65.99 Other Ovarian drilling

## 66 Operations on fallopian tubes

Code also any application or administration of an adhesion barrier substance (99.77)

- 66.0 Salpingotomy and salpingostomy
  - 66.01 Salpingotomy
  - 66.02 Salpingostomy
- 66.1 Diagnostic procedures on fallopian tubes
  - 66.11 Biopsy of fallopian tube
  - 66.19 Other diagnostic procedures on fallopian tubes

Excludes: microscopic examination of specimen from fallopian tubes (91.41-91.49)radiography of fallopian tubes (87.82-87.83, 87.85) Rubin's test (66.8)

#### 66.2 Bilateral endoscopic destruction or occlusion of fallopian tubes

Includes: bilateral endoscopic destruction or occlusion of fallopian tubes by:

culdoscopy endoscopy hysteroscopy laparoscopy peritoneoscopy

endoscopic destruction of solitary fallopian tube

- 66.21 Bilateral endoscopic ligation and crushing of fallopian tubes
- 66.22 Bilateral endoscopic ligation and division of fallopian tubes
- 66.29 Other bilateral endoscopic destruction or occlusion of fallopian tubes

## 66.3 Other bilateral destruction or occlusion of fallopian tubes

Includes: destruction of solitary fallopian tube

Excludes: endoscopic destruction or occlusion of fallopian tubes (66.21-66.29)

- 66.31 Other bilateral ligation and crushing of fallopian tubes
- 66.32 Other bilateral ligation and division of fallopian tubes Pomeroy operation
- 66.39 Other bilateral destruction or occlusion of fallopian tubes Female sterilization operation NOS
- New code Revised code 4th digit required

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66.4 Total unilateral salpingectomy
66.5 Total bilateral salpingectomy
     Excludes: bilateral partial salpingectomy for sterilization (66.39)
                 that with oophorectomy (65.61-65.64)
     66.51 Removal of both fallopian tubes at same operative episode
     66.52 Removal of remaining fallopian tube
              Removal of solitary fallopian tube
66.6 Other salpingectomy
     Includes: salpingectomy by:
                    cauterization
                    coagulation
                    electrocoagulation
                    excision
     Excludes: fistulectomy (66.73)
     66.61 Excision or destruction of lesion of fallopian tube
            Excludes: biopsy of fallopian tube (66.11)
     66.62 Salpingectomy with removal of tubal pregnancy
             Code also any synchronous oophorectomy (65.31, 65.39)
     66.63 Bilateral partial salpingectomy, not otherwise specified
     66.69 Other partial salpingectomy
66.7 Repair of fallopian tube
     66.71 Simple suture of fallopian tube
     66.72 Salpingo-oophorostomy
     66.73 Salpingo-salpingostomy
     66.74 Salpingo-uterostomy
     66.79 Other repair of fallopian tube
              Graft of fallopian tube
              Reopening of divided fallopian tube
              Salpingoplasty
66.8 Insufflation of fallopian tube
         Insufflation of fallopian tube with:
           air
           dve
           gas
           saline
         Rubin's test
     Excludes: insufflation of therapeutic agent (66.95)
               that for hysterosalpingography (87.82-87.83)
66.9 Other operations on fallopian tubes
     66.91 Aspiration of fallopian tube
     66.92 Unilateral destruction or occlusion of fallopian tube
            Excludes: that of solitary tube (66.21-66.39)
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- 66.93 Implantation or replacement of prosthesis of fallopian tube 66.94 Removal of prosthesis of fallopian tube 66.95 Insufflation of therapeutic agent into fallopian tubes 66.96 Dilation of fallopian tube 66.97 Burying of fimbriae in uterine wall 66.99 Other Excludes: lysis of adhesions of ovary and tube laparoscopic (65.81) other (65.89) Operations on cervix Code also any application or administration of an adhesion barrier substance (99.77)67.0 Dilation of cervical canal Excludes: dilation and curettage (69.01-69.09) that for induction of labor (73.1) 67.1 Diagnostic procedures on cervix 67.11 Endocervical biopsy Excludes: conization of cervix (67.2) 67.12 Other cervical biopsy Punch biopsy of cervix NOS Excludes: conization of cervix (67.2) 67.19 Other diagnostic procedures on cervix Excludes: microscopic examination of specimen from cervix (91.41-91.49)67.2 Conization of cervix Excludes: that by: cryosurgery (67.33) electrosurgery (67.32) 67.3 Other excision or destruction of lesion or tissue of cervix 67.31 Marsupialization of cervical cyst 67.32 Destruction of lesion of cervix by cauterization Flectroconization of cervix LEEP (loop electrosurgical excision procedure) LLETZ (large loop excision of the transformation zone) 67.33 Destruction of lesion of cervix by cryosurgery Cryoconization of cervix 67.39 Other excision or destruction of lesion or tissue of cervix Excludes: biopsy of cervix (67.11-67.12) cervical fistulectomy (67.62) conization of cervix (67.2)
- 67.4 Amputation of cervix

Cervicectomy with synchronous colporrhaphy

# 67.5 Repair of internal cervical os 67.51 Transabdominal cerclage of cervix 67.59 Other repair of internal cervical os Cerclage of isthmus uteri McDonald operation Shirodkar operation Transvaginal cerclage Excludes: laparoscopically assisted supracervical hysterectomy [LASH] (68.31) transabdominal cerclage of cervix (67.51) 67.6 Other repair of cervix Excludes: repair of current obstetric laceration (75.51) 67.61 Suture of laceration of cervix 67.62 Repair of fistula of cervix Cervicosigmoidal fistulectomy Excludes: fistulectomy: cervicovesical (57.84) ureterocervical (56.84) vesicocervicovaginal (57.84) 67.69 Other repair of cervix Repair of old obstetric laceration of cervix 68 Other incision and excision of uterus Code also any application or administration of an adhesion barrier substance (99.77)68.0 Hysterotomy Hysterotomy with removal of hydatidiform mole Excludes: hysterotomy for termination of pregnancy (74.91) 68.1 Diagnostic procedures on uterus and supporting structures 68.11 Digital examination of uterus Excludes: pelvic examination, so describe (89.26) postpartal manual exploration of uterine cavity (75.7) 68.12 Hysteroscopy Excludes: that with biopsy (68.16) 68.13 Open biopsy of uterus Excludes: closed biopsy of uterus (68.16) 68.14 Open biopsy of uterine ligaments Excludes: closed biopsy of uterine ligaments (68.15) 68.15 Closed biopsy of uterine ligaments Endoscopic (laparoscopy) biopsy of uterine adnexa, except ovary and fallopian tube 68.16 Closed biopsy of uterus Endoscopic (laparoscopy) hysteroscopy) biopsy of uterus Excludes: open biopsy of uterus (68.13)

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# 68.19 Other diagnostic procedures on uterus and supporting structures Excludes: diagnostic: aspiration curettage (69.59) dilation and curettage (69.09) microscopic examination of specimen from uterus (91.41-91.49)pelvic examination (89.26) radioisotope scan of: placenta (92.17) uterus (92.19) ultrasonography of uterus (88.78-88.79) x-ray of uterus (87.81-87.89) 68.2 Excision or destruction of lesion or tissue of uterus 68.21 Division of endometrial synechiae Lysis of intraluminal uterine adhesions 68.22 Incision or excision of congenital septum of uterus 68.23 Endometrial ablation Dilation and curettage Hysteroscopic endometrial ablation 68.29 Other excision or destruction of lesion of uterus Uterine myomectomy Excludes: biopsy of uterus (68.13, 68.16) uterine fistulectomy (69.42) 68.3 Subtotal abdominal hysterectomy 68.31 Laparoscopic supracervical hysterectomy [LSH] Classic infrafascial SEMM hysterectomy [CISH] Laparoscopically assisted supracervical hysterectomy [LASH] 68.39 Other and unspecified subtotal abdominal hysterectomy, NOS ® Supracervical hysterectomy Excludes: classic infrafascial SEMM hysterectomy [CISH] (68.31) laparoscopic supracervical hysterectomy [LSH] (68.31) 68.4 Total abdominal hysterectomy Hvsterectomv: extended Code also any synchronous removal of tubes and ovaries (65.31-65.64) Excludes: radical abdominal hysterectomy, any approach (68.61 - 68.69) 68.41 Laparoscopic total abdominal hysterectomy Total laparoscopic hysterectomy [TLH] 68.49 Other and unspecified total abdominal hysterectomy Hysterectomy:

extended

# 68.5 Vaginal hysterectomy Code also any synchronous: removal of tubes and ovaries (65.31-65.64) repair of cystocele or rectocele (70.50-70.52) repair of pelvic floor (70.79) 68.51 Laparoscopically assisted vaginal hysterectomy (LAVH) 68.59 Other and unspecified vaginal hysterectomy (R) Excludes: laparoscopically assisted vaginal hysterectomy (LAVH) (68.51) radical vaginal hysterectomy (68.7) 68.6 Radical abdominal hysterectomy Code also any synchronous: lymph gland dissection (40.3, 40.5) removal of tubes and ovaries (65.31-65.64) Excludes: pelvic evisceration (68.8) 68.61 Laparoscopic radical abdominal hysterectomy 🗱 Laparoscopic modified radical hysterectomy Total laparoscopic radical hysterectomy [TLRH] 68.69 Other and unspecified radical abdominal hysterectomy Modified radical hysterectomy Wertheim's operation Excludes: laparoscopic total abdominal hysterectomy (68.41) laparoscopic radical abdominal hysterectomy (68.61) 68.7 Radical vaginal hysterectomy Code also any synchronous: lymph gland dissection (40.3, 40.5) removal of tubes and ovaries (65.31-65.64) Excludes: abdominal hysterectomy, any approach (68.31-68.39, 68.41-68.49, 68.61-68.69, 68.9) 68.71 Laparoscopic radical vaginal hysterectomy [LRVH] 🎏 68.79 Other and unspecified radical vaginal hysterectomy Hysterocolpectomy Schauta operation 68.8 Pelvic evisceration Removal of ovaries, tubes, uterus, vagina, bladder, and urethra (with removal of sigmoid colon and rectum) Code also any synchronous: colostomy (46.12-46.13) lymph gland dissection (40.3, 40.5) urinary diversion (56.51-56.79) 68.9 Other and unspecified hysterectomy ® Hysterectomy NOS Excludes: abdominal hysterectomy, any approach (68.31-68.39, 68.41-68.49, 68.61-68.69,) vaginal hysterectomy, any approach (68.51-68.59, 68.71-68.79)

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## 69 Other operations on uterus and supporting structures

Code also any application or administration of an adhesion barrier substance (99.77)

## 69.0 Dilation and curettage of uterus

Excludes: aspiration curettage of uterus (69.51-69.59)

- 69.01 Dilation and curettage for termination of pregnancy
- 69.02 Dilation and curettage following delivery or abortion
- 69.09 Other dilation and curettage Diagnostic D and C

69.1 Excision or destruction of lesion or tissue of uterus and supporting structures

69.19 Other excision or destruction of uterus and supporting structures

Excludes: biopsy of uterine ligamen (68.14)

69.2 Repair of uterine supporting structures 69.21 Interposition operation

Watkins procedure

69.22 Other uterine suspension

Hysteropexy Manchester operation Plication of uterine ligament

- 69.23 Vaginal repair of chronic inversion of uterus
- 69.29 Other repair of uterus and supporting structures
- 69.3 Paracervical uterine denervation
- 69.4 Uterine repair

Excludes: repair of current obstetric laceration (75.50-75.52)

- 69.41 Suture of laceration of uterus
- 69.42 Closure of fistula of uterus

Excludes: uterovesical fistulectom (57.84)

69.49 Other repair of uterus

Repair of old obstetric laceration of uterus

69.5 Aspiration curettage of uterus

Excludes: menstrual extraction (69.6)

- 69.51 Aspiration curettage of uterus for termination of pregnancy Therapeutic abortion NOS
- 69.52 Aspiration curettage following delivery or abortion
- 69.59 Other aspiration curettage of uterus
- 69.6 Menstrual extraction or regulation
- 69.7 Insertion of intrauterine contraceptive device

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69.9 Other operations on uterus, cervix, and supporting structures
     Excludes: obstetric dilation or incision of cervix (73.1, 73.93)
     69.91 Insertion of therapeutic device into uterus
            Excludes: insertion of:
                       intrauterine contraceptive device (69.7)
                       laminaria (69.93)
                       obstetric insertion of bag, bougie, or pack (73.1)
     69.92 Artificial insemination
     69.93 Insertion of laminaria
     69.94 Manual replacement of inverted uterus
            Excludes: that in immediate postpartal period (75.94)
     69.95 Incision of cervix
            Excludes: that to assist delivery (73.93)
     69.96 Removal of cerclage material from cervix
     69.97 Removal of other penetrating foreign body from cervix
            Excludes: removal of intraluminal foreign body from cervix (98.16)
     69.98 Other operations on supporting structures of uterus
            Excludes: biopsy of uterine ligamen (68.14)
     69.99 Other operations on cervix and uterus
            Excludes: removal of:
                       foreign body (98.16)
                       intrauterine contraceptive device (97.71)
                       obstetric bag, bougie, or pack (97.72)
                       packing (97.72)
70 Operations on vagina and cul-de-sac
     Code also any application or administration of an adhesion barrier substance
       (99.77)
70.0 Culdocentesis
70.1 Incision of vagina and cul-de-sac
     70.11 Hymenotomy
     70.12 Culdotomy
     70.13 Lysis of intraluminal adhesions of vagina
     70.14 Other vaginotomy
              Division of vaginal septum
              Drainage of hematoma of vaginal cuff
70.2 Diagnostic procedures on vagina and cul-de-sac
     70.21 Vaginoscopy
     70.22 Culdoscopy
     70.23 Biopsy of cul-de-sac
     70.24 Vaginal biopsy
     70.29 Other diagnostic procedures on vagina and cul- de-sac
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70.3	3 Local excision or destruction of vagina and cul-de-sac						
	70.31	1 Hymenectomy					
	70.32	Excision or destruction of lesion of cul-de- sac Endometrectomy of cul-de-sac					
		Excludes: biopsy of cul-de-sac (70.23)					
	70.33	Excision or destruction of lesion of vagina					
		Excludes: biopsy of vagina (70.24) vaginal fistulectomy (70.72-70.75)					
70.4	Obliteration and total excision of vagina Vaginectomy						
	Exclud	es: obliteration of vaginal vault (70.8)					
70.5	Repair	of cystocele and rectocele					
	70.50	Repair of cystocele and rectocele					
	70.51	Repair of cystocele Anterior colporrhaphy (with urethrocele repair)					
	70.52	Repair of rectocele Posterior colporrhaphy					
70.6	.6 Vaginal construction and reconstruction						
	70.61	Vaginal construction					
	70.62	Vaginal reconstruction					
70.7	repair of vagina						
	Exclud	es: lysis of intraluminal adhesions (70.13) repair of current obstetric laceration (75.69) that associated with cervical amputation (67.4)					
	70.71	Suture of laceration of vagina					
	70.72	Repair of colovaginal fistula					
	70.73	Repair of rectovaginal fistula					
	70.74	Repair of other vaginoenteric fistula					
	70.75	Repair of other fistula of vagina					
		Excludes: repair of fistula:     rectovesicovaginal (57.83)     ureterovaginal (56.84)     urethrovaginal (58.43)     uterovaginal (69.42)     vesicocervicovaginal (57.84)     vesicosigmoidovaginal (57.83)     vesicoureterovaginal (56.84)     vesicovaginal (57.84)					
	70.76	Hymenorrhaphy					
	70.77	Vaginal suspension and fixation					
	70.79	Other repair of vagina Colpoperineoplasty Repair of old obstetric laceration of vagina					

# 70.8 Obliteration of vaginal vault LeFort operation 70.9 Other operations on vagina and cul-de-sac 70.91 Other operations on vagina **Excludes**: insertion of: diaphragm (96.17) mold (96.15) pack (96.14) pessary (96.18) suppository (96.49) removal of: *diaphragm* (97.73) foreign body (98.17) pack (97.75) pessary (97.74) replacement of: diaphragm (97.24) pack (97,26) pessary (97.25) vaginal dilation (96.16) vaginal douche (96.44) 70.92 Other operations on cul-de-sac Obliteration of cul-de-sac Repair of vaginal enterocele 71 Operations on vulva and perineum Code also any application or administration of an adhesion barrier substance (99.77)71.0 Incision of vulva and perineum 71.01 Lysis of vulvar adhesions 71.09 Other incision of vulva and perineum Enlargement of introitus NOS Excludes: removal of foreign body without incision (98.23) 71.1 Diagnostic procedures on vulva 71.11 Biopsy of vulva 71.19 Other diagnostic procedures on vulva 71.2 Operations on Bartholin's gland 71.21 Percutaneous aspiration of Bartholin's gland (cyst) 71.22 Incision of Bartholin's gland (cyst)

71.23 Marsupialization of Bartholin's gland (cyst)

71.29 Other operations on Bartholin's gland

71.24 Excision or other destruction of Bartholin's gland (cyst)

# 71.3 Other local excision or destruction of vulva and perineum

Division of Skene's gland

Excludes: biopsy of vulva (71.11)

vulvar fistulectomy (71.72)

## 71.4 Operations on clitoris

Amputation of clitoris

Clitoridotomy

Female circumcision

## 71.5 Radical vulvectomy

Code also any synchronous lymph gland dissection (40.3, 40.5)

## 71.6 Other vulvectomy

- 71.61 Unilateral vulvectomy
- 71.62 Bilateral vulvectomy Vulvectomy NOS

#### 71.7 Repair of vulva and perineum

Excludes: repair of current obstetric laceration (75.69)

## 71.71 Suture of laceration of vulva or perineum

## 71.72 Repair of fistula of vulva or perineum

Excludes: repair of fistula:

urethroperineal (58.43) urethroperineovesical (57.84)

vaginoperineal (70.75)

## 71.79 Other repair of vulva and perineum

Repair of old obstetric laceration of vulva or perineum

#### 71.8 Other operations on vulva

Excludes: removal of:

foreign body without incision (98.23)

packing (97.75)

replacement of packing (97.26)

#### 71.9 Other operations on female genital organs

## 13. OBSTETRICAL PROCEDURES (72-75)

72	Forceps.	vacuum.	and	breech	delivery
----	----------	---------	-----	--------	----------

#### 72.0 Low forceps operation

Outlet forceps operation

## 72.1 Low forceps operation with episiotomy

Outlet forceps operation with episiotomy

## 72.2 Mid forceps operation

- 72.21 Mid forceps operation with episiotomy
- 72.29 Other mid forceps operation

## 72.3 High forceps operation

- 72.31 High forceps operation with episiotomy
- 72.39 Other high forceps operation

## 72.4 Forceps rotation of fetal head

Del ee maneuver

Kev-in-lock rotation

Kielland rotation

Scanzoni's maneuver

Code also any associated forceps extraction (72.0-72.39)

#### 72.5 Breech extraction

- 72.51 Partial breech extraction with forceps to aftercoming head
- 72.52 Other partial breech extraction
- 72.53 Total breech extraction with forceps to aftercoming head
- 72.54 Other total breech extraction

#### 72.6 Forceps application to aftercoming head

Piper forceps operation

Excludes: partial breech extraction with forceps to aftercoming head (72.51) total breech extraction with forceps to aftercoming head (72.53)

#### 72.7 Vacuum extraction

Includes: Malström's extraction

72.71 Vacuum extraction with episiotomy

72.79 Other vacuum extraction

## 72.8 Other specified instrumental delivery

#### 72.9 Unspecified instrumental delivery

## 73 Other procedures inducing or assisting delivery

#### 73.0 Artificial rupture of membranes

# 73.01 Induction of labor by artificial rupture of membranes

Surgical induction NOS

Excludes: artificial rupture of membranes after onset of labor (73.09)

## 73.09 Other artificial rupture of membranes

Artificial rupture of membranes at time of delivery

### 73.1 Other surgical induction of labor

Induction by cervical dilation

Excludes: Injection for abortion (75.0)

insertion of suppository for abortion (96.49)

#### 73.2 Internal and combined version and extraction

## 73.21 Internal and combined version without extraction Version NOS

73.22 Internal and combined version with extraction

#### 73.3 Failed forceps

Application of forceps without delivery Trial forceps

#### 73.4 Medical induction of labor

Excludes: medication to augment active labor -- omit code

#### 73.5 Manually assisted delivery

#### 73.51 Manual rotation of fetal head

#### 73.59 Other manually assisted delivery

Assisted spontaneous delivery Crede maneuver

#### 73.6 Episiotomy

Episioproctotomy

Episiotomy with subsequent episiorrhaphy

#### **Excludes**: that with:

high forceps (72.31) low forceps (72.1) mid forceps (72.21) outlet forceps (72.1) vacuum extraction (72.71)

#### 73.8 Operations on fetus to facilitate delivery

Clavicotomy on fetus Destruction of fetus Needling of hydrocephalic head

## 73.9 Other operations assisting delivery

73.91 External version

# 73.92 Replacement of prolapsed umbilical cord



# 73.93 Incision of cervix to assist delivery

Dührssen's incisions

## 73.94 Pubiotomy to assist delivery

Obstetrical symphysiotomy

#### 73.99 Other

Excludes: dilation of cervix, obstetrical to induce labor (73.1) insertion of bag or bougie to induce labor (73.1)

removal of cerclage material (69.96)

## 74 Cesarean section and removal of fetus

Code also any synchronous:

hysterectomy (<u>68.3-68.4</u>, <u>68.6</u>, <u>68.8</u>)

myomectomy (68.29)

sterilization (66.31-66.39, 66.63)

#### 74.0 Classical cesarean section

Transperitoneal classical cesarean section

#### 74.1 Low cervical cesarean section

Lower uterine segment cesarean section

## 74.2 Extraperitoneal cesarean section

Supravesical cesarean section

## 74.3 Removal of extratubal ectopic pregnancy

Removal of:

ectopic abdominal pregnancy

fetus from peritoneal or extraperitoneal cavity following uterine or tubal

Excludes: that by salpingostomy (66.02)

that by salpingotomy (66.01)

that with synchronous salpingectomy (66.62)

## 74.4 Cesarean section of other specified type

Peritoneal exclusion cesarean section

Transperitoneal cesarean section NOS

Vaginal cesarean section

#### 74.9 Cesarean section of unspecified type

#### 74.91 Hysterotomy to terminate pregnancy

Therapeutic abortion by hysterotomy

#### 74.99 Other cesarean section of unspecified type

Cesarean section NOS

Obstetrical abdominouterotomy

Obstetrical hysterotomy

## 75 Other obstetric operations

## 75.0 Intra-amniotic injection for abortion

Injection of:

prostaglandin for induction of abortion

saline for induction of abortion

Termination of pregnancy by intrauterine injection

Excludes: insertion of prostaglandin suppository for abortion (96.49)

## 75.1 Diagnostic amniocentesis

#### 75.2 Intrauterine transfusion

Exchange transfusion in utero

Insertion of catheter into abdomen of fetus for transfusion

Code also any hysterotomy approach (68.0)

## 75.3 Other intrauterine operations on fetus and amnion

Code also any hysterotomy approach (68.0)

## 75.31 Amnioscopy

Fetoscopy Laparoamnioscopy

#### 75.32 Fetal EKG (scalp)

75.33 Fetal blood sampling and biopsy

#### 75.34 Other fetal monitoring

Antepartum fetal nonstress test

Fetal monitoring, not otherwise specified

Excludes: fetal pulse oximetry (75.38)

#### 75.35 Other diagnostic procedures on fetus and amnion

Intrauterine pressure determination

Excludes: amniocentesis (75.1)

diagnostic procedures on gravid uterus and placenta (87.81,

88.46, 88.78, 92.17)

#### 75.36 Correction of fetal defect

#### 75.37 Amnioinfusion

Code also injection of antibiotic (99.21)

## 75.38 Fetal pulse oximetry

Transcervical fetal oxygen saturation monitoring Transcervical fetal SpO<sub>2</sub> monitoring

## 75.4 Manual removal of retained placenta

Excludes: aspiration curettage (69.52)

dilation and curettage (69.02)

# 75.5 Repair of current obstetric laceration of uterus 75.50 Repair of current obstetric laceration of uterus, not otherwise specified 75.51 Repair of current obstetric laceration of cervix 75.52 Repair of current obstetric laceration of corpus uteri 75.6 Repair of other current obstetric laceration 75.61 Repair of current obstetric laceration of bladder and urethra 75.62 Repair of current obstetric laceration of rectum and sphincter ani 75.69 Repair of other current obstetric laceration Episioperineorrhaphy Repair of: pelvic floor perineum vagina vulva Secondary repair of episiotomy Excludes: repair of routine episiotomy (73.6) 75.7 Manual exploration of uterine cavity, postpartum 75.8 Obstetric tamponade of uterus or vagina Excludes: antepartum tamponade (73.1) 75.9 Other obstetric operations 75.91 Evacuation of obstetrical incisional hematoma of perineum Evacuation of hematoma of: episiotomy perineorrhaphy 75.92 Evacuation of other hematoma of vulva or vagina 75.93 Surgical correction of inverted uterus Spintelli operation Excludes: vaginal repair of chronic inversion of uterus (69.23) 75.94 Manual replacement of inverted uterus 75.99 Other

#### 14. OPERATIONS ON THE MUSCULOSKELETAL SYSTEM (76-84)

## Operations on facial bones and joints

Excludes: accessory sinuses (22.00-22.9) nasal bones (21.00-21.99) skull (01.01-02.99)

#### 76.0 Incision of facial bone without division

## 76.01 Sequestrectomy of facial bone

Removal of necrotic bone chip from facial bone

#### 76.09 Other incision of facial bone

Reopening of osteotomy site of facial bone

Excludes: osteotomy associated with orthogoathic surgery (76.61-76.69)

removal of internal fixation device (76.97)

## 76.1 Diagnostic procedures on facial bones and joints

76.11 Biopsy of facial bone

#### 76.19 Other diagnostic procedures on facial bones and joints

Excludes: contrast arthrogram of temporomandibular joint (87.13) other x-ray (87.11-87.12, 87.14-87.16)

#### 76.2 Local excision or destruction of lesion of facial bone

Excludes: biopsy of facial bone (76.11) excision of odontogenic lesion (24.4)

#### 76.3 Partial ostectomy of facial bone

### 76.31 Partial mandibulectomy Hemimandibulectomy

Excludes: that associated with temporomandibular arthroplasty (76.5)

## 76.39 Partial ostectomy of other facial bone Hemimaxillectomy (with bone graft or prosthesis)

#### 76.4 Excision and reconstruction of facial bones

- 76.41 Total mandibulectomy with synchronous reconstruction
- 76.42 Other total mandibulectomy
- 76.43 Other reconstruction of mandible

Excludes: genioplasty (76.67-76.68) that with synchronous total mandibulectomy (76.41)

- 76.44 Total ostectomy of other facial bone with synchronous reconstruction
- 76.45 Other total ostectomy of other facial bone
- 76.46 Other reconstruction of other facial bone

Excludes: that with synchronous total ostectomy (76.44)

76.5	Tempo	promandibular arthroplasty	
76.6	Other facial bone repair and orthognathic surgery		
	Code also any synchronous: bone graft (76.91) synthetic implant (76.92)		
	Exclud	es: reconstruction of facial bones (76.41-76.46)	
	76.61	Closed osteoplasty [osteotomy] of mandibular ramus Gigli saw osteotomy	
		Open osteoplasty [osteotomy] of mandibular ramus	
		Osteoplasty [osteotomy] of body of mandible	
	76.64	Other orthognathic surgery on mandible Mandibular osteoplasty NOS Segmental or subapical osteotomy	
	76.65	Segmental osteoplasty [osteotomy] of maxilla Maxillary osteoplasty NOS	
	76.66	Total osteoplasty [osteotomy] of maxilla	
	76.67	Reduction genioplasty Reduction mentoplasty	
	76.68	Augmentation genioplasty  Mentoplasty:  NOS  With graft an implant	
	76 60	with graft or implant  Other facial bone repair	
	76.69	Osteoplasty of facial bone NOS	
76.7	Reduc	tion of facial fracture	
	Includes: internal fixation		
	Code also any synchronous:		
		oone graft ( <u>76.91)</u> synthetic implant <u>(76.92)</u>	
		es: that of nasal bones (21.71-21.72)	
		Reduction of facial fracture, not otherwise specified	
		Closed reduction of malar and zygomatic fracture	
	76.72	Open reduction of malar and zygomatic fracture	
	76.73	Closed reduction of maxillary fracture	
	76.74	Open reduction of maxillary fracture	
	76.75	Closed reduction of mandibular fracture	
	76.76	Open reduction of mandibular fracture	
	76.77	Open reduction of alveolar fracture Reduction of alveolar fracture with stabilization of teeth	
	76.78	Other closed reduction of facial fracture Closed reduction of orbital fracture	
		Excludes: nasal bone (21.71)	

OR procedure Non OR procedure but affects ThaiDRG

## 76.79 Other open reduction of facial fracture

Open reduction of orbit rim or wall

Excludes: nasal hone (21, 72)

#### 76.9 Other operations on facial bones and joints

#### 76.91 Bone graft to facial bone

Autogenous graft to facial bone Bone bank graft to facial bone Heterogenous graft to facial bone

## 76.92 Insertion of synthetic implant in facial bone Alloplastic implant to facial bone

- 76.93 Closed reduction of temporomandibular dislocation
- 76.94 Open reduction of temporomandibular dislocation
- 76.95 Other manipulation of temporomandibular joint
- 76.96 Injection of therapeutic substance into temporomandibular joint
- 76.97 Removal of internal fixation device from facial bone

```
Excludes: removal of:
           dental wiring (97.33)
           external mandibular fixation device NEC (97.36)
```

76.99 Other

## 77 Incision, excision, and division of other bones

```
Excludes: laminectomy for decompression (03.09)
          operations on:
             accessory sinuses (22.00-22.9)
             ear ossicles (19.0-19.55)
             facial bones (76.01-76.99)
             ioint structures (80.00-81.99)
             mastoid (19.9-20.99)
             nasal bones (21.00-21.99)
             skull (01.01-02.99)
```

The following fourth-digit subclassification is for use with appropriate categories in section 77 to identify the site. Valid fourth-digit categories are in brackets under each code.

- unspecified site
- 1 scapula, clavicle, and thorax [ribs and sternum]
- 2 humerus
- 3 radius and ulna
- 4 carpals and metacarpals
- 5 femur
- 6 patella
- 7 tibia and fibula
- 8 tarsals and metatarsals
- 9 other

Pelvic bones

Phalanges (of foot) (of hand)

Vertebrae

```
77.0 Sequestrectomy 4
[0-9]
77.1 Other incision of bone without division 4
[0-9]
         Reopening of osteotomy site
     Excludes: aspiration of bone marrow (41.31, 41.91)
                 removal of internal fixation device (78.60-78.69)
77.2 Wedge osteotomy 4
[0-9]
        Excludes: that for hallux valgus (77.51)
77.3 Other division of bone 4
[0-9]
         Osteoarthrotomy
     Excludes: clavicotomy of fetus (73.8)
                 laminotomy or incision of vertebra (03.01-03.09)
                 pubiotomy to assist delivery (73.94)
                 sternotomy incidental to thoracic operation -- omit code
77.4 Biopsy of bone 4
[0-9]
77.5 Excision and repair of bunion and other toe deformities
     77.51 Bunionectomy with soft tissue correction and osteotomy of the
            first metatarsal
     77.52 Bunionectomy with soft tissue correction and arthrodesis
     77.53 Other bunionectomy with soft tissue correction
     77.54 Excision or correction of bunionette
              That with osteotomy
     77.56 Repair of hammer toe
              Fusion of hammer toe
              Phalangectomy (partial) of hammer toe
              Filleting of hammer toe
     77.57 Repair of claw toe
              Fusion of claw toe
              Phalangectomy (partial) of claw toe
              Capsulotomy of claw toe
              Tendon lengthening of claw toe
     77.58 Other excision, fusion and repair of toes
              Cockup toe repair
              Overlapping toe repair
              That with use of prosthetic materials
     77.59 Other bunionectomy
              Resection of hallux valgus joint with insertion of prosthesis
77.6 Local excision of lesion or tissue of bone 4
[0-9] Excludes:
                 biopsy of bone (77,40-77,49)
                 debridement of compound fracture (79.60-79.69)
77.7 Excision of bone for graft 4
[0-9]
```

```
77.8 Other partial ostectomy 4 ®
        Condvlectomy
[0-9]
     Excludes: amputation (84.00-84.19, 84.91)
                arthrectomy (80.90-80.99)
                excision of bone ends associated with:
                  arthrodesis (81.00-81.29)
                  arthroplasty (81.31-81.87)
                excision of cartilage (80.5-80.6, 80.80-80.99)
                excision of head of femur with synchronous replacement
                    (00.70-00.73, 81.51-81.53)
                hemilaminectomy (03.01-03.09)
                laminectomy (03.01-03.09)
                ostectomy for hallux valgus (77.51-77.59)
                partial amputation:
                  finger (84.01)
                  thumb (84.02)
                  toe (84.11)
                resection of ribs incidental to thoracic operation -- omit code
                that incidental to other operation -- omit code
77.9 Total ostectomy 4
[0-9] Excludes: amputation of limb (84.00-84.19, 84.91)
                that incidental to other operation -- omit code
```

## 78 Other operations on bones, except facial bones

```
Excludes: operations on:
             accessory sinuses (22.00-22.9)
             facial bones (76.01-76.99)
             ioint structures (80.00-81.99)
             nasal bones (21.00-21.99)
             skull (01.01-02.99)
```

The following fourth-digit subclassification is for use with categories in section 78 to identify the site. Valid fourth- digit categories are in [brackets] under each code.

```
0
    unspecified site
1
    scapula, clavicle, and thorax [ribs and sternum]
2
    humerus
3
    radius and ulna
4
    carpals and metacarpals
5
    femur
    patella
6
7
    tibia and fibula
8
    tarsals and metatarsals
    other
       Pelvic bones
       Phalanges (of foot) (of hand)
       Vertebrae
```

```
78.0 Bone graft 4
[0-9]
       Bone:
           bank graft
           graft (autogenous) (heterogenous)
       That with debridement of bone graft site (removal of sclerosed, fibrous or
         necrotic bone or tissue)
         Transplantation of bone
     Code also any excision of bone for graft (77.70-77.79)
      Excludes: that for bone lengthening (78.30-78.39)
78.1 Application of external fixator device 4 (8)
[0-9]
        Fixator with insertion of pins/wires/screws into bone
     Code also any type of fixator device, if known (84.71-84.73)
      Excludes: other immobilization, pressure, and attention to wound (93.51-93.59)
78.2 Limb shortening procedures 4
[0,2-5,7-9] Epiphyseal stapling
             Open epiphysiodesis
             Percutaneous epiphysiodesis
             Resection/osteotomy
78.3 Limb lengthening procedures 4
[0,2-5,7-9] Bone graft with or without internal fixation devices or osteotomy
            Distraction technique with or without corticotomy/osteotomy
      Code also any application of an external fixation device (78.10-78.19)
78.4 Other repair or plastic operations on bone 🐠
[0-9]
       Other operation on bone NEC
         Repair of malunion or nonunion fracture NEC
      Excludes: application of external fixation device (78.10-78.19)
                limb lengthening procedures (78.30-78.39)
                limb shortening procedures (78.20-78.29)
                osteotomy (77.3)
                reconstruction of thumb (82.61-82.69)
                repair of pectus deformity (34.74)
                repair with bone graft (78.00-78.09)
78.5 Internal fixation of bone without fracture reduction 4
[0-9]
         Internal fixation of bone (prophylactic)
         Reinsertion of internal fixation device
         Revision of displaced or broken fixation device
      Excludes: arthroplasty and arthrodesis (81.00-81.85)
                  bone graft (78.00-78.09)
                  limb shortening procedures (78.20-78.29)
                  that for fracture reduction (79.10-79.19,79.30-79.59)
78.6 Removal of implanted devices from bone 4
[0-9]
       External fixator device (invasive)
         Internal fixation device
         Removal of bone growth stimulator (invasive)
         Removal of internal limb lengthening device
      Excludes: removal of cast, splint, and traction device (Kirschner wire)
                      (Steinmann pin) (97.88)
                removal of skull tongs or halo traction device (02.95)
78.7 Osteoclasis 4
[0-9]
190
               OR procedure | Non OR procedure but affects ThaiDRG
```

```
78.8 Diagnostic procedures on bone, not elsewhere classified 4
[0-9]
       Excludes: biopsy of bone (77.40-77.49)
                  magnetic resonance imaging (88.94)
                  microscopic examination of specimen from bone (91.51-91.59)
                  radioisotope scan (92.14)
                  skeletal x-ray (87.21-87.29, 87.43, 88.21-88.33)
                  thermography (88.83)
78.9 Insertion of bone growth stimulator 4
[0-9]
        Insertion of
           bone stimulator (electrical) to aid bone healing
           osteogenic electrodes for bone growth stimulation
           totally implanted device (invasive)
     Excludes: non-invasive (transcutaneous) (surface) stimulator (99.86)
79 Reduction of fracture and dislocation ®
     Includes: application of cast or splint
               reduction with insertion of traction device (Kirschner wire)
                 (Steinmann pin)
     Code also anv:
         application of external fixatior device (78.10-78.19)
         type of fixator device, if known (84.71-84.73)
     Excludes: external fixation alone for immobilization of fracture
                        (93.51-93.56, 93.59)
                internal fixation without reduction of fracture (78.50-78.59)
                operations on:
                  facial bones (76.70-76.79)
                  nasal bones (21.71-21.72)
                  orbit (76.78-76.79)
                  skull (02.02)
                  vertebrae (03.53)
                removal of cast or splint (97.88)
                replacement of cast or splint (97.11-97.14)
                traction alone for reduction of fracture (93.41-93.46)
       The following fourth-digit subclassification is for use with appropriate
       categories in section 79 to identify the site. Valid fourth-digit categories
       are in [brackets] under each code.
         0
             unspecified site
         1
             humerus
         2
             radius and ulna
               Arm NOS
         3
             carpals and metacarpals
               Hand NOS
         4
             phalanges of hand
         5
             femur
         6
             tibia and fibula
               Lea NOS
         7
             tarsals and metatarsals
               Foot NOS
         8
             phalanges of foot
             other specified bone
```

		reduction of fracture without internal fixation 🧿
		des: that for separation of epiphysis (79.40-79.49)
		d reduction of fracture with internal fixation (1)
		des: that for separation of epiphysis <u>(79.40-79.49)</u> reduction of fracture without internal fixation 4
	-	des: that for separation of epiphysis (79.50-79.59)
		reduction of fracture with internal fixation 4
		des: that for separation of epiphysis (79.50-79.59)
79.4	Closed	d reduction of separated epiphysis 🤨
		Reduction with or without internal fixation
	•	reduction of separated epiphysis 🕚
		Reduction with or without internal fixation  Jement of open fracture site 4
[0-9]		ebridement of compound fracture
		d reduction of dislocation
19.1		es: closed reduction (with external traction device)
	Exclud	es: closed reduction of dislocation of temporomandibular joint (76.93,
		Closed reduction of dislocation of unspecified site
		Closed reduction of dislocation of shoulder
		Closed reduction of dislocation of elbow
		Closed reduction of dislocation of wrist
		Closed reduction of dislocation of hand and finger
		Closed reduction of dislocation of hip
		Closed reduction of dislocation of knee
		Closed reduction of dislocation of ankle
	79.78	Closed reduction of dislocation of foot and toe
	79.79	Closed reduction of dislocation of other specified sites
79.8	Open	reduction of dislocation
	Includ	es: open reduction (with internal and external fixation devices)
	Exclua	es: open reduction of dislocation of temporomandibular joint (76.94)
	79.80	Open reduction of dislocation of unspecified site
	79.81	Open reduction of dislocation of shoulder
	79.82	Open reduction of dislocation of elbow
	79.83	Open reduction of dislocation of wrist
	79.84	Open reduction of dislocation of hand and finger
	79.85	Open reduction of dislocation of hip
		Open reduction of dislocation of knee
		Open reduction of dislocation of ankle
		Open reduction of dislocation of foot and toe
		Open reduction of dislocation of other specified sites
70.0		·
<b>79.9</b> [0-9]	unspe	cified operation on bone injury 🧐
192		OR procedure Non OR procedure but affects ThaiDRG

## 80 Incision and excision of joint structures

```
Includes: operations on:
           capsule of joint
           cartilage
           condyle
           ligament
           meniscus
           synovial membrane
Excludes: cartilage of:
            ear (18.01-18.9)
            nose (21.00-21.99)
            temporomandibular joint (76.01-76.99)
```

The following fourth-digit subclassification is for use with appropriate categories in section 80 to identify the site:

```
0
    unspecified site
1
    shoulder
2
    elbow
3
    wrist
4
    hand and finger
5
    did
6
    knee
7
    ankle
8
    foot and toe
9
    other specified sites
      Spine
```

```
80.0 Arthrotomy for removal of prosthesis 4 (8)
[0-9] Code also any:
        insertion of (cement)(joint) spacer (84.56)
        removal of (cement)(joint) spacer (84.57)
80.1 Other arthrotomy 4
[0-9]
        Arthrostomy
     Excludes: that for:
                 arthrography (88.32)
                 arthroscopy (80.20-80.29)
                 injection of drug (81.92)
                 operative approach -- omit code
80.2 Arthroscopy 4
```

[0-9] 80.3 Biopsy of joint structure 4 Aspiration biopsy [0-9]

## 80.4 Division of joint capsule, ligament, or cartilage 4 Goldner clubfoot release [0-9] Heyman-Herndon(-Strong) correction of metatarsus varus Release of: adherent or constrictive joint capsule ioint ligament Excludes: symphysiotomy to assist delivery (73.94) that for: carpal tunnel syndrome (04.43) tarsal tunnel syndrome (04.44) 80.5 Excision or destruction of intervertebral disc 80.50 Excision or destruction of intervertebral disc, unspecified Unspecified as to excision or destruction 80.51 Excision of intervertebral disc ® Diskectomy Removal of herniated nucleus pulposus Level: cervical thoracic lumbar (lumbosacral) That by laminotomy or hemilaminectomy That with decompression of spinal nerve root at same level Requires additional code for any concomitant decompression of spinal nerve root at different level from excision site Code also any concurrent spinal fusion (81.00 - 81.09) Excludes: that for insertion of (non-fusion) spinal disc replacement device (84.60 - 84.69) that with corpectomy, (vertebral) (80.99) intervertebral chemonucleolysis (80.52) laminectomy for exploration of intraspinal canal (03.09) laminotomy for decompression of spinal nerve root only (03.09)80.52 Intervertebral chemonucleolysis With aspiration of disc fragments With diskography Injection of proteolytic enzyme into intervertebral space (chymopapain) Excludes: injection of anesthetic substance (03.91) injection of other substances (03.92) 80.59 Other destruction of intervertebral disc Destruction NEC That by laser 80.6 Excision of semilunar cartilage of knee Excision of meniscus of knee

80.7 Synovectomy 4 [0-9] Complete or partial resection of synovial membrane Excludes: excision of Baker's cvst (83.39) 80.8 Other local excision or destruction of lesion of joint 4 [0-9] 80.9 Other excision of joint 4 [0-9] Excludes: cheilectomy of joint (77.80-77.89) excision of bone ends (77.80-77.89) 81 Repair and plastic operations on joint structures 81.0 Spinal fusion ® Includes: arthrodesis of spine with: bone graft internal fixation Code also any insertion of interbody spinal fusion device (84.51) Code also any insertion of recombinant bone morphogenetic protein (84.52) Code also the total number of vertebrae fused (81.62-81.64) Excludes: correction of pseudarthrosis of spine (81.30-81.39) refusion of spine (81.30-81.39) 81.00 Spinal fusion, not otherwise specified 81.01 Atlas-axis spinal fusion Craniocervical fusion by anterior, transoral, or posterior technique C1-C2 fusion by anterior, transoral, or posterior technique Occiput C2 fusion by anterior, transoral, or posterior technique 81.02 Other cervical fusion, anterior technique Arthrodesis of C2 level or below: anterior (interbody) technique anterolateral technique 81.03 Other cervical fusion, posterior technique Arthrodesis of C2 level or below: posterior (interbody) technique posterolateral technique 81.04 Dorsal and dorsolumbar fusion, anterior technique Arthrodesis of thoracic or thoracolumbar region: anterior (interbody) technique anterolateral technique 81.05 Dorsal and dorsolumbar fusion, posterior technique Arthrodesis of thoracic or thoracolumbar region: posterior (interbody) technique posterolateral technique 81.06 Lumbar and lumbosacral fusion, anterior technique ® Anterior lumbar interbody fusion (ALIF) Arthrodesis of lumbar or lumbosacral region:

anterior (interbody) technique anterolateral technique

	81.07	Lumbar and lumbosacral fusion, lateral transverse process technique ${\color{red} {\mathbb R}}$
	81.08	Lumbar and lumbosacral fusion, posterior technique ® Arthrodesis of lumbar or lumbosacral region: posterior (interbody) technique posterolateral technique Posterior lumbar interbody fusion (PLIF) Transforaminal lumbar interbody fusion (TLIF)
81.1	Arthro	desis and arthroereisis of foot and ankle ${f @}$
	Include	es: arthrodesis of foot and ankle with: bone graft external fixation device
	81.11	Ankle fusion Tibiotalar fusion
	81.12	<b>Triple arthrodesis</b> Talus to calcaneus and calcaneus to cuboid and navicular
	81.13	Subtalar fusion ®
		Excludes: arthroereisis (81.18)
		Midtarsal fusion
	81.15	Tarsometatarsal fusion
	81.16	Metatarsophalangeal fusion
	81.17	Other fusion of foot
	81.18	Subtalar joint arthroereisis
81.2	Arthro	desis of other joint
	Include	es: arthrodesis with: bone graft external fixation device excision of bone ends and compression
		Arthrodesis of unspecified joint
		Arthrodesis of hip
		Arthrodesis of knee
		Arthrodesis of shoulder
	-	Arthrodesis of elbow
		Carporadial fusion
		Metacarpocarpal fusion
		Metacarpophalangeal fusion
		Interphalangeal fusion
	81.29	Arthrodesis of other specified joints

## 81.3 Refusion of spine ®

Includes: arthrodesis of spine with:

bone graft internal fixation

correction of pseudarthrosis of spine

Code also any insertion of interbody spinal fusion device (84.51)

Code also any insertion of recombinant bone morphogenetic protein (84.52) Code also the total number of vertebrae fused (81.62-81.64)

81.30 Refusion of spine, not otherwise specified

# 81.31 Refusion of atlas-axis spine

Craniocervical fusion by anterior, transoral, or posterior technique C1-C2 fusion by anterior, transoral, or posterior technique Occiput C2 fusion by anterior, transoral, or posterior technique

## 81.32 Refusion of other cervical spine, anterior technique

Arthrodesis of C2 level or below:

anterior (interbody) technique anterolateral technique

## 81.33 Refusion of other cervical spine, posterior technique

Anterior lumbar interbody fusion (ALIF)

Arthrodesis of C2 level or below: posterior (interbody) technique posterolateral technique

## 81.34 Refusion of dorsal and dorsolumbar spine, anterior technique

Arthrodesis of thoracic or thoracolumbar region:

anterior (interbody) technique anterolateral technique

#### 81.35 Refusion of dorsal and dorsolumbar spine, posterior technique

Arthrodesis of thoracic or thoracolumbar region:

posterior (interbody) technique posterolateral technique

## 81.36 Refusion of lumbar and lumbosacral spine, anterior technique ®

Arthrodesis of lumbar or lumbosacral region:

anterior (interbody) technique anterolateral technique

## 81.37 Refusion of lumbar and lumbosacral spine, lateral transverse process technique

# 81.38 Refusion of lumbar and lumbosacral spine, posterior technique 🙉

Arthrodesis of lumbar or lumbosacral region:

posterior (interbody) technique posterolateral technique

Posterior lumbar interbody fusion (PLIF)

Transforaminal lumbar interbody fusion (TLIF)

#### 81.39 Refusion of spine, not elsewhere classified

## 81.4 Other repair of joint of lower extremity

Includes: arthroplasty of lower extremity with:

external traction or fixation graft of bone (chips) or cartilage

internal fixation device

## 81.40 Repair of hip, not elsewhere classified

#### 81.42 Five-in-one repair of knee

Medial meniscectomy, medial collateral ligament repair, vastus medialis advancement, semitendinosus advancement, and pes anserinus transfer

## 81.43 Triad knee repair

Medial meniscectomy with repair of the anterior cruciate ligament and the medial collateral ligament

O'Donoghue procedure

#### 81.44 Patellar stabilization

Roux-Goldthwait operation for recurrent dislocation of patella

- 81.45 Other repair of the cruciate ligaments
- 81.46 Other repair of the collateral ligaments
- 81.47 Other repair of knee
- 81.49 Other repair of ankle

## 81.5 Joint replacement of lower extremity

Includes: arthroplasty of lower extremity with:

external traction or fixation graft of bone (chips) or cartilage

internal fixation device or prosthesis

removal of cement spacer

# 81.51 Total hip replacement ®

Replacement of both femoral head and acetabulum by prosthesis Total reconstruction of hip

Code also any type of bearing surface, if known (00.74-00.76)

## 81.52 Partial hip replacement ®

Bipolar endoprosthesis

Code also any type of bearing surface, if known (00.74-00.76)

# 81.53 Revision of hip replacement, not otherwise specified ®

Revision of hip replacement, not specified as to components(s) replaced, (acetabular, femoral or both)

Code also any:

removal of (cement)(joint) spacer (84.57) type of bearing surface, if known (00.74-00.76)

Excludes: revision of hip replacement, components specified (00.70-00.73)

#### 81.54 Total knee replacement

Bicompartmental Tricompartmental

Unicompartmental (hemijoint)

81.55 Revision of knee replacement not otherwise specified ®

Code also any removal of (cement) spacer (84.57)

Excludes: arthrodesis of knee (81.22)

revision of knee replacement, components specified (00.80-00.84)

- 81.56 Total ankle replacement
- 81.57 Replacement of joint of foot and toe
- 81.59 Revision of joint replacement of lower extremity, not elsewhere classified

#### 81.6 Other procedures on spine

Note: Number of vertebrae

The vertebral spine consists of 25 vertebrae in the following order and number.

Cervical: C1 (atlas), C2 (axis), C3, C4, C5, C6, C7

Thoracic or Dorsal: T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12

Lumbar and Sacral: L1, L2, L3, L4, L5, S1

Coders should report only one code from the series 81.62 or 81.63 or 81.64 to show the total number of vertebrae fused on the patient.

Code also the level and approach of the fusion or refusion (81.00-81.08. 81.30-81.39)

\* Delete code 81.61

- 81.62 Fusion or refusion of 2-3 vertebrae
- 81.63 Fusion or refusion of 4-8 vertebrae
- 81.64 Fusion or refusion of 9 or more vertebrae
- 81.65 Vertebroplasty

Injection of bone void filler (cement) (polymethylmethacrylate) (PMMA) into the diseased or fractured vertebral body

Excludes: kyphoplasty (81.66)

#### 81.66 Kyphoplasty

Insertion of inflatable balloon, bone tamp, or other device to create a cavity for partial restoration of height of diseased or fractured vertebral body prior to injection of bone void filler (cement)(polymethylmethacrylate) (PMMA)

Excludes: vertebroplasty (81.65)

## 81.7 Arthroplasty and repair of hand, fingers and wrist

Includes: arthroplasty of hand and finger with:

external traction or fixation graft of bone (chips) or cartilage internal fixation device or prosthesis

Excludes: operations on muscle, tendon and fascia of hand (82.01-82.99)

- 81.71 Arthroplasty of metacarpophalangeal and interphalangeal joint with implant
- 81.72 Arthroplasty of metacarpophalangeal and interphalangeal joint without implant







81.74 Arthroplasty of carpocarpal or carpometacarpal joint with implant 81.75 Arthroplasty of carpocarpal or carpometacarpal joint without

81.73 Total wrist replacement

81.79 Other repair of hand, fingers and wrist

implant

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81.8 Arthroplasty and repair of shoulder and elbow
     Includes: arthroplasty of upper limb NEC with:
                external traction or fixation
                graft of bone (chips) or cartilage
                internal fixation device or prosthesis
     81.80 Total shoulder replacement
     81.81 Partial shoulder replacement
     81.82 Repair of recurrent dislocation of shoulder
     81.83 Other repair of shoulder
             Revision of arthroplasty of shoulder
     81.84 Total elbow replacement
     81.85 Other repair of elbow
81.9 Other operations on joint structures
     81.91 Arthrocentesis
             Joint aspiration
            Excludes: that for:
                       arthrography (88.32)
                       biopsy of joint structure (80.30-80.39)
                       injection of drug (81.92)
     81.92 Injection of therapeutic substance into joint or ligament
     81.93 Suture of capsule or ligament of upper extremity
            Excludes: that associated wit arthroplasty (81.71-81.75, 81.80-81.81,
                       81.84)
     81.94 Suture of capsule or ligament of ankle and foot
            Excludes: that associated wit arthroplasty (81.56-81.59)
     81.95 Suture of capsule or ligament of other lower extremity
            Excludes: that associated wit arthroplasty (81.51-81.55, 81.59)
     81.96 Other repair of joint
     81.97 Revision of joint replacement of upper extremity
             Partial
              Removal of cement spacer
             Total
     81.98 Other diagnostic procedures on joint structures
            Excludes: arthroscopy (80.20-80.29)
                     biopsy of joint structure (80.30-80.39)
                     microscopic examination of specimen from joint (91.51-91.59)
                     thermography (88.83)
                     x-ray (87.21-87.29, 88.21-88.33)
     81.99 Other
200
            OR procedure | Non OR procedure but affects ThaiDRG
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## 82 Operations on muscle, tendon, and fascia of hand

Includes: operations on:

aponeurosis

synovial membrane (tendon sheath)

tendon sheath

#### 82.0 Incision of muscle, tendon, fascia, and bursa of hand

## 82.01 Exploration of tendon sheath of hand

Incision of tendon sheath of hand

Removal of rice bodies in tendon sheath of hand

Excludes: division of tendon (82.11)

82.02 Myotomy of hand

Excludes: myotomy for division (82.19)

82.03 Bursotomy of hand

#### 82.04 Incision and drainage of palmar or thenar space

82.09 Other incision of soft tissue of hand

Excludes: incision of skin an subcutaneous tissue alone (86.01-86.09)

#### 82.1 Division of muscle, tendon, and fascia of hand

82.11 Tenotomy of hand

Division of tendon of hand

82.12 Fasciotomy of hand

Division of fascia of hand

## 82.19 Other division of soft tissue of hand

Division of muscle of hand

## 82.2 Excision of lesion of muscle, tendon, and fascia of hand

### 82.21 Excision of lesion of tendon sheath of hand Ganglionectomy of tendon sheath (wrist)

82.22 Excision of lesion of muscle of hand

82.29 Excision of other lesion of soft tissue of hand

Excludes: excision of lesion of skin and subcutaneous tissue (86.21-86.3)

#### 82.3 Other excision of soft tissue of hand

Code also any skin graft (86.61-86.62, 86.73)

Excludes: excision of skin and subcutaneous tissue (86.21-86.3)

82.31 Bursectomy of hand

82.32 Excision of tendon of hand for graft

#### 82.33 Other tenonectomy of hand

Tenosynovectomy of hand

Excludes: excision of lesion of: tendon (82,29)

sheath (82.21) 82.34 Excision of muscle or fascia of hand for graft

	82.35	Other fasciectomy of hand Release of Dupuytren's contracture
		Excludes: excision of lesion of fascia (82.29)
	82.36	Other myectomy of hand
		Excludes: excision of lesion of muscle (82.22)
	82.39	Other excision of soft tissue of hand
		Excludes: excision of skin (86.21-86.3) excision of soft tissue lesion (82.29)
82.4	Suture	of muscle, tendon, and fascia of hand
	82.41	Suture of tendon sheath of hand
	82.42	Delayed suture of flexor tendon of hand
	82.43	Delayed suture of other tendon of hand
	82.44	Other suture of flexor tendon of hand
		Excludes: delayed suture of flexor tendon of hand (82.42)
	82.45	Other suture of other tendon of hand
		Excludes: delayed suture of other tendon of hand (82.43)
	82.46	Suture of muscle or fascia of hand
82.5	Transp	plantation of muscle and tendon of hand
	82.51	Advancement of tendon of hand
	82.52	Recession of tendon of hand
	82.53	Reattachment of tendon of hand
	82.54	Reattachment of muscle of hand
	82.55	Other change in hand muscle or tendon length
	82.56	Other hand tendon transfer or transplantation
		Excludes: pollicization of thumb (82.61) transfer of finger, except thum (82.81)
	82.57	Other hand tendon transposition
	82.58	Other hand muscle transfer or transplantation
	82.59	Other hand muscle transposition
82.6		struction of thumb es: digital transfer to act as thumb
	Code a	llso any amputation for digital transfer ( <u>84.01</u> , <u>84.11</u> )
	82.61	Pollicization operation carrying over nerves and blood supply
	82.69	Other reconstruction of thumb "Cocked-hat" procedure [skin flap and bone] Grafts:
		bone to thumb skin (pedicle) to thumb
82.7	Plastic	operation on hand with graft or implant
	82.71	Tendon pulley reconstruction Reconstruction for opponensplasty
202		OR procedure Non OR procedure but affects ThaiDRG

	82.72	Plastic operation on hand with graft of muscle or fascia
	82.79	Plastic operation on hand with other graft or implant
		Tendon graft to hand
82.8	Other	plastic operations on hand
	82.81	Transfer of finger, except thumb
		Excludes: pollicization of thumb (82.61)
	82.82	Repair of cleft hand
	82.83	Repair of macrodactyly
	82.84	Repair of mallet finger
	82.85	Other tenodesis of hand Tendon fixation of hand NOS
	82.86	Other tenoplasty of hand Myotenoplasty of hand
	82.89	Other plastic operations on hand Plication of fascia Repair of fascial hernia
		Excludes: that with graft or implant (82.71-82.79)
82.9	Other	operations on muscle, tendon, and fascia of hand
	Exclud	es: diagnostic procedures on soft tissue of hand (83.21-83.29)
	82.91	<b>Lysis of adhesions of hand</b> Freeing of adhesions of fascia, muscle, and tendon of hand
		Excludes: decompression of carpal tunnel (04.43) that by stretching o manipulation only (93.26)
	82.92	Aspiration of bursa of hand
	82.93	Aspiration of other soft tissue of hand
		Excludes: skin and subcutaneous tissue (86.01)
	82.94	Injection of therapeutic substance into bursa of hand
	82.95	Injection of therapeutic substance into tendon of hand
	82.96	Other injection of locally-acting therapeutic substance into soft tissue of hand
		Excludes: subcutaneous or intramuscular injection (99.11-99.29)
	82.99	Other operations on muscle, tendon, and fascia of hand
83	Opera	tions on muscle, tendon, fascia, and bursa, except hand
	Include	es: operations on: aponeurosis synovial membrane of bursa and tendon sheaths tendon sheaths
	Exclud	les: diaphragm (34.81-34.89) hand (82.01-82.99) muscles of eye (15.01-15.9)

# 83.0 Incision of muscle, tendon, fascia, and bursa 83.01 Exploration of tendon sheath Incision of tendon sheath Removal of rice bodies from tendon sheath 83.02 Myotomy Excludes: cricopharyngeal myotomy (29.31) 83.03 Bursotomy Removal of calcareous deposit of bursa Excludes: aspiration of burs (percutaneous) (83.94) 83.09 Other incision of soft tissue Incision of fascia Excludes: incision of skin an subcutaneous tissue alone (86.01-86.09) 83.1 Division of muscle, tendon, and fascia 83.11 Achillotenotomy 83.12 Adductor tenotomy of hip 83.13 Other tenotomy Aponeurotomy Division of tendon Tendon release Tendon transection Tenotomy for thoracic outlet decompression 83.14 Fasciotomy Division of fascia Division of iliotibial band Fascia stripping Release of Volkmann's contracture by fasciotomy 83.19 Other division of soft tissue Division of muscle Muscle release Myotomy for thoracic outlet decompression Myotomy with division Scalenotomy Transection of muscle 83.2 Diagnostic procedures on muscle, tendon, fascia, and bursa, including that of hand 83.21 Biopsy of soft tissue Excludes: biopsy of chest wall (34.23) biopsy of skin and subcutaneous tissue (86.11) 83.29 Other diagnostic procedures on muscle, tendon, fascia, and bursa, including that of hand Excludes: microscopic examination of specimen (91.51-91.59)



thermography of muscle (88.84)

soft tissue x-ray (87.09, 87.38-87.39, 88.09, 88.35, 88.37)

## 83.3 Excision of lesion of muscle, tendon, fascia, and bursa

Excludes: biopsy of soft tissue (83.21)

## 83.31 Excision of lesion of tendon sheath

Excision of ganglion of tendon sheath, except of hand

#### 83.32 Excision of lesion of muscle

Excision of:

heterotopic bone

muscle scar for release of Volkmann's contracture myositis ossificans

## 83.39 Excision of lesion of other soft tissue

Excision of Baker's cyst

Excludes: bursectomy (83.5)

excision of lesion of skin and subcutaneous tissue (86.3)

synovectomy (80.70-80.79)

## 83.4 Other excision of muscle, tendon, and fascia

## 83.41 Excision of tendon for graft

#### 83.42 Other tenonectomy

Excision of:

aponeurosis

tendon sheath

Tenosynovectomy

## 83.43 Excision of muscle or fascia for graft

83.44 Other fasciectomy

#### 83.45 Other myectomy

Debridement of muscle NOS

Scalenectomy

#### 83.49 Other excision of soft tissue

#### 83.5 Bursectomy

#### 83.6 Suture of muscle, tendon, and fascia

83.61 Suture of tendon sheath

83.62 Delayed suture of tendon

83.63 Rotator cuff repair

#### 83.64 Other suture of tendon

Achillorrhaphy

Aponeurorrhaphy

Excludes: delayed suture of tendon (83.62)

#### 83.65 Other suture of muscle or fascia

Repair of diastasis recti

#### 83.7 Reconstruction of muscle and tendon

Excludes: reconstruction of muscle and tendon associated with arthroplasty

#### 83.71 Advancement of tendon

#### 83.72 Recession of tendon

83.8

83.9

83.73	Reattachment of tendon		
83.74	Reattachment of muscle		
83.75	Tendon transfer or transplantation		
83.76	Other tendon transposition		
83.77	Muscle transfer or transplantation Release of Volkmann's contracture by muscle transplantation		
83.79	Other muscle transposition		
Other	plastic operations on muscle, tendon, and fascia		
Exclud	es: plastic operations on muscle, tendon, and fascia associated with arthroplasty		
83.81	Tendon graft		
83.82	Graft of muscle or fascia		
83.83	Tendon pulley reconstruction		
83.84	Release of clubfoot, not elsewhere classified Evans operation on clubfoot		
83.85	Other change in muscle or tendon length Hamstring lengthening Heel cord shortening Plastic achillotenotomy Tendon plication		
83.86	Quadricepsplasty		
83.87	Other plastic operations on muscle Musculoplasty Myoplasty		
83.88	Other plastic operations on tendon Myotenoplasty Tendon fixation Tenodesis Tenoplasty		
83.89	Other plastic operations on fascia Fascia lengthening Fascioplasty Plication of fascia		
Other	operations on muscle, tendon, fascia, and bursa		
Exclud	es: nonoperative: manipulation (93.25-93.29) stretching (93.27-93.29)		
83.91	Lysis of adhesions of muscle, tendon, fascia, and bursa		
	Excludes: that for tarsal tunnel syndrome (04.44)		
83.92	Insertion or replacement of skeletal muscle stimulator Implantation, insertion, placement, or replacement of skeletal muscle: electrodes stimulator		

	83.93	Removal of skeletal muscle stimulator
	83.94	Aspiration of bursa
	83.95	Aspiration of other soft tissue
		Excludes: that of skin and subcutaneous tissue (86.01)
	83.96	Injection of therapeutic substance into bursa
	83.97	Injection of therapeutic substance into tendon
	83.98	Injection of locally-acting the rapeutic substance into other soft tissue $% \label{eq:control} % \label{eq:control}$
		Excludes: subcutaneous or intramuscular injection (99.11-99.29)
	83.99	Other operations on muscle, tendon, fascia, and bursa Suture of bursa
84	Other	procedures on musculoskeletal system
84.0	Amput	ation of upper limb
	Exclud	es: revision of amputation stump <u>(84.3)</u>
	84.00	Upper limb amputation, not otherwise specified Closed flap amputation of upper limb NOS Kineplastic amputation of upper limb NOS Open or guillotine amputation of upper limb NOS Revision of current traumatic amputation of upper limb NOS
	84.01	Amputation and disarticulation of finger
		Excludes: ligation of supernumerary finge (86.26)
	84.02	Amputation and disarticulation of thumb
	84.03	Amputation through hand Amputation through carpals
	84.04	Disarticulation of wrist
	84.05	Amputation through forearm Forearm amputation
	84.06	Disarticulation of elbow
		Amputation through humerus Upper arm amputation Disarticulation of shoulder
	04.09	Interthoracoscapular amputation Forequarter amputation
84.1	Amputation of lower limb  Excludes: revision of amputation stump (84.3)	
	84.10	Lower limb amputation, not otherwise specified Closed flap amputation of lower limb NOS Kineplastic amputation of lower limb NOS Open or guillotine amputation of lower limb NOS Revision of current traumatic amputation of lower limb NOS

## 84.11 Amputation of toe

Amputation through metatarsophalangeal joint

Disarticulation of toe

Metatarsal head amputation

Ray amputation of foot (disarticulation of the metatarsal head of the toe extending across the forefoot just proximal to the metatarsophalangeal crease)

Excludes: ligation of supernumerary toe (86.26)

## 84.12 Amputation through foot

Amputation of forefoot

Amputation through middle of foot

Chopart's amputation

Midtarsal amputation

Transmetatarsal amputation (amputation of the forefoot, including all the toes)

Excludes: Ray amputation of foot (84.11)

#### 84.13 Disarticulation of ankle

#### 84.14 Amputation of ankle through malleoli of tibia and fibula

## 84.15 Other amputation below knee

Amputation of leg through tibia and fibula NOS

#### 84.16 Disarticulation of knee

Batch, Spitler, and McFaddin amputation

Mazet amputation

S.P. Roger's amputation

## 84.17 Amputation above knee

Amputation of leg through femur

Amputation of thigh

Conversion of below-knee amputation into above-knee amputation Supracondylar above-knee amputation

#### 84.18 Disarticulation of hip

## 84.19 Abdominopelvic amputation

Hemipelvectomy

Hindquarter amputation

#### 84.2 Reattachment of extremity

- 84.21 Thumb reattachment
- 84.22 Finger reattachment
- 84.23 Forearm, wrist, or hand reattachment
- 84.24 Upper arm reattachment

Reattachment of arm NOS

- 84.25 Toe reattachment
- 84.26 Foot reattachment
- 84.27 Lower leg or ankle reattachment

Reattachment of leg NOS

84.28 Thigh reattachment

## 84.3 Revision of amoutation stump

Reamputation of stump Secondary closure of stump Trimming of stump

Excludes: revision of current traumatic amputation [revision by further amputation of current injury] (84.00-84.19, 84.91)

- 84.4 Implantation or fitting of prosthetic limb device
  - 84.40 Implantation or fitting of prosthetic limb device, not otherwise specified
  - 84.41 Fitting of prosthesis of upper arm and shoulder
  - 84.42 Fitting of prosthesis of lower arm and hand
  - 84.43 Fitting of prosthesis of arm, not otherwise specified
  - 84.44 Implantation of prosthetic device of arm
  - 84.45 Fitting of prosthesis above knee
  - 84.46 Fitting of prosthesis below knee
  - 84.47 Fitting of prosthesis of leg, not otherwise specified
  - 84.48 Implantation of prosthetic device of leg
- 84.5 Implantation of other musculoskeletal devices and substances

Excludes: insertion of (non-fusion) spinal disc replacement device (84.60 - 84.69)

#### 84.51 Insertion of interbody spinal fusion device

Insertion of:cages (carbon, ceramic, metal, plastic or titanium) interbody fusion cage synthetic cages or spacers threaded bone dowels Code also refusion of spine (81.30 - 81.39) Code also spinal fusion (81.00 - 81.08)

## 84.52 Insertion of recombinant bone morphogenetic protein rhBMP

That via collagen sponge, coral, ceramic and other carriers

Code also primary procedure performed:

fracture repair (79.00-79.99) spinal fusion (81.00 - 81.08) spinal refusion (81.30 - 81.39)

## 84.53 Implantation of internal limb lengthening device with kinetic distraction

Code also limb lengthening procedure (78.30 - 78.39)

## 84.54 Implantation of other internal limb lengthening device

Implantation of internal limb lengthening device, Not Otherwise Specified (NOS)

Code also limb lengthening procedure (78.30 - 78.39)

#### 84.55 Insertion of bone void filler

Insertion of:

acrylic cement (PMMA)

bone void cement

calcium based bone void filler polymethylmethacrylate (PMMA)

Excludes: that with kyphoplasty (81.66)

that with vertebroplasty (81.65)

## 84.56 Insertion of (cement) spacer

Insertion of joint spacer

## 84.57 Removal of (cement) spacer

Removal of joint spacer

## 84.58 Implantation of interspinous process decompression device 44.58

Excludes: fusion of spine (81.00-81.08, 81.30-81.39)

## 84.59 Insertion of other spinal devices ®

Insertion of non-fusion spinal stabilization device

### 84.6 Replacement of spinal disc

Includes: non-fusion arthroplasty of the spine with insertion of artificial disc

## 84.60 Insertion of spinal disc prosthesis, not otherwise specified

Replacement of spinal disc, NOS

# Includes: diskectomy (discectomy)

## 84.61 Insertion of partial spinal disc prosthesis, cervical

Nuclear replacement device, cervical Partial artificial disc prosthesis (flexible), cervical Replacement of nuclear disc (nucleus pulposus), cervical

Includes: diskectomy (discectomy)

## 84.62 Insertion of total spinal disc prosthesis, cervical

Replacement of cervical spinal disc, NOS Replacement of total spinal disc, cervical Total artificial disc prosthesis (flexible), cervical

Includes: diskectomy (discectomy)

#### 84.63 Insertion of spinal disc prosthesis, thoracic

Artificial disc prosthesis (flexible), thoracic Replacement of thoracic spinal disc, partial or total

Includes: diskectomy (discectomy)

## 84.64 Insertion of partial spinal disc prosthesis, lumbosacral

Nuclear replacement device, lumbar Partial artificial disc prosthesis (flexible), lumbar

Replacement of nuclear disc (nucleus pulposus), lumbar

Includes: diskectomy (discectomy)



## 84.65 Insertion of total spinal disc prosthesis, lumbosacral

Replacement of lumbar spinal disc. NOS Replacement of total spinal disc. lumbar Total artificial disc prosthesis (flexible), lumbar

Includes: diskectomy (discectomy)

## 84.66 Revision or replacement of artificial spinal disc prosthesis, cervical

Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial) (total) spinal disc prosthesis, cervical Repair of previously inserted spinal disc prosthesis, cervical

## 84.67 Revision or replacement of artificial spinal disc prosthesis, thoracic

Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial) (total) spinal disc prosthesis, thoracic Repair of previously inserted spinal disc prosthesis, thoracic

#### 84.68 Revision or replacement of artificial spinal disc prosthesis, lumbosacral

Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial)(total) spinal disc prosthesis, lumbosacral

Repair of previously inserted spinal disc prosthesis, lumbosacral

## 84.69 Revision or replacement of artificial spinal disc prosthesis, not otherwise specified

Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial)(total) spinal disc prosthesis Repair of previously inserted spinal disc prosthesis

### 84.7 Adjunct codes for external fixator devices

Code also any primary procedure performed: application of external fixator device (78.10, 78.12-78.13, 78.15, 78.17-78.19) reduction of fracture and dislocation (79.00-79.89)

# 84.71 Application of external fixator device, monoplanar system 🗱

Excludes: other hybrid device or system (84.73) ring device or system (84.72)

# 84.72 Application of external fixator device, ring system 4

Ilizarov type Sheffield type

Excludes: monoplanar device or system (84.71) other hybrid device or system (84.73)

## 84.73 Application of hybrid external fixator device

Computer (assisted) (dependent) external fixator device Hybrid system using both ring and monoplanar devices

Excludes: monoplanar device or system, when used alone (84.71) ring device or system, when used alone (84.72)

## 84.9 Other operations on musculoskeletal system

Excludes: nonoperative manipulation (93.25-93.29)

84.91 Amputation, not otherwise specified

84.92 Separation of equal conjoined twins

84.93 Separation of unequal conjoined twins

Separation of conjoined twins NOS

84.99 Other

#### 15. OPERATIONS ON THE INTEGUMENTARY SYSTEM (85-86)

## Operations on the breast

Includes: operations on the skin and subcutaneous tissue of: breast female or male previous mastectomy site female or male

revision of previous mastectomy site

#### 85.0 Mastotomy

Incision of breast (skin) Mammotomy

Excludes: aspiration of breast (85.91) removal of implant (85.94)

## 85.1 Diagnostic procedures on breast

85.11 Closed [percutaneous] [needle] biopsy of breast

85.12 Open biopsy of breast

## 85.19 Other diagnostic procedures on breast

Excludes: mammary ductogram (87.35) mammography NEC (87.37) manual examination (89.36) microscopic examination of specimen (91.61-91.69) thermography (88.85) ultrasonography (88.73) xeroaraphy (87.36)

#### 85.2 Excision or destruction of breast tissue

Excludes: mastectomy (85.41-85.48) reduction mammoplasty (85.31-85.32)

85.20 Excision or destruction of breast tissue, not otherwise specified

## 85.21 Local excision of lesion of breast

Lumpectomy

Removal of area of fibrosis from breast Excludes: biopsy of breast (85.11-85.12)

#### 85.22 Resection of quadrant of breast

## 85.23 Subtotal mastectomy

Excludes: quadrant resection (85.22)

# 85.24 Excision of ectopic breast tissue

Excision of accessory nipple

#### 85.25 Excision of nipple

Excludes: excision of accessory nipple (85.24)

#### 85.3 Reduction mammoplasty and subcutaneous mammectomy

85.31 Unilateral reduction mammoplasty

Unilateral:

amputative mammoplasty size reduction mammoplasty

## 85.32 Bilateral reduction mammoplasty

Amputative mammoplasty

Reduction mammoplasty (for gynecomastia)

# 85.33 Unilateral subcutaneous mammectomy with synchronous implant

Excludes: that without synchronous implant (85.34)

## 85.34 Other unilateral subcutaneous mammectomy

Removal of breast tissue with preservation of skin and nipple Subcutaneous mammectomy NOS

#### 85.35 Bilateral subcutaneous mammectomy with synchronous implant

Excludes: that without synchronous implan (85.36)

85.36 Other bilateral subcutaneous mammectomy

#### 85.4 Mastectomy

#### 85.41 Unilateral simple mastectomy

Mastectomy:

NOS

complete

#### 85.42 Bilateral simple mastectomy

Bilateral complete mastectomy

#### 85.43 Unilateral extended simple mastectomy

Extended simple mastectomy NOS Modified radical mastectomy

Simple mastectomy with excision of regional lymph nodes

#### 85.44 Bilateral extended simple mastectomy

#### 85.45 Unilateral radical mastectomy

Excision of breast, pectoral muscles, and regional lymph nodes [axillary, clavicular, supraclavicular]

Radical mastectomy NOS

#### 85.46 Bilateral radical mastectomy

#### 85.47 Unilateral extended radical mastectomy

Excision of breast, muscles, and lymph nodes [axillary, clavicular, supraclavicular, internal mammary, and mediastinal]
Extended radical mastectomy NOS

## 85.48 Bilateral extended radical mastectomy

85.5	Augm	entation mammoplasty
	Exclud	es: that associated with subcutaneous mammectomy (85.33, 85.35)
	85.50	Augmentation mammoplasty, not otherwise specified
	85.51	Unilateral injection into breast for augmentation
	85.52	Bilateral injection into breast for augmentation Injection into breast for augmentation NOS
	85.53	Unilateral breast implant
	85.54	Bilateral breast implant Breast implant NOS
85.6	Masto	реху
85.7	Total	reconstruction of breast
85.8	Other	repair and plastic operations on breast
	Exclud	es: that for:  augmentation (85.50-85.54)  reconstruction (85.7)  reduction (85.31-85.32)
	85.81	Suture of laceration of breast
	85.82	Split-thickness graft to breast
	85.83	Full-thickness graft to breast
	85.84	Pedicle graft to breast
	85.85	Muscle flap graft to breast
	85.86	Transposition of nipple
	85.87	Other repair or reconstruction of nipple
	85.89	Other mammoplasty
85.9	Other	operations on the breast
	85.91	Aspiration of breast
		Excludes: percutaneous biopsy of breast (85.11)
	85.92	Injection of therapeutic agent into breast
		Excludes: that for augmentation of breast (85.51-85.52)
	85.93	Revision of implant of breast
	85.94	Removal of implant of breast
	85.95	Insertion of breast tissue expander Insertion (soft tissue) of tissue expander (one or more) under muscle or platysma to develop skin flaps for donor use
	85.96	Removal of breast tissue expander
	85.99	Other

## 86 Operations on skin and subcutaneous tissue

Includes: operations on:

hair follicles male perineum

nails

sebaceous glands subcutaneous fat pads sudoriferous glands

superficial fossae

Excludes: those on skin of:

anus (49.01-49.99)

breast (mastectomy site) (85.0-85.99)

ear <u>(18.01-18.9)</u>

eyebrow (08.01-08.99) eyelid (08.01-08.99)

eyella (08.01-08.99)

female perineum <u>(71.01-71.9)</u>

lips <u>(27.0-27.99)</u> nose (21.00-21.99)

penis <u>(64.0-64.99)</u> scrotum (61.0-61.99)

vulva (71.01-71.9)

#### 86.0 Incision of skin and subcutaneous tissue

## 86.01 Aspiration of skin and subcutaneous tissue

Aspiration of:

abscess of nail, skin, or subcutaneous tissue hematoma of nail, skin, or subcutaneous tissue seroma of nail, skin, or subcutaneous tissue

## 86.02 Injection or tattooing of skin lesion or defect

Injection of filling material Insertion of filling material

Pigmenting of skin of filling material

## 86.03 Incision of pilonidal sinus or cyst

Excludes: marsupialization (86.21)

## 86.04 Other incision with drainage of skin and subcutaneous tissue

**Excludes**: drainage of:

fascial compartments of face and mouth (27.0) palmar or thenar space (82.04)

pilonidal sinus or cyst (86.03)

# 86.05 Incision with removal of foreign body or device from skin and subcutaneous tissue

Removal of loop recorder

Removal of neurostimulator pulse generator (single array, dual array) Removal of tissue expander(s) from skin or soft tissue other than

breast tissue

Excludes: removal of foreign body without incision (98.20-98.29)

## 86.06 Insertion of totally implantable infusion pump

Code also any associated catheterization

Excludes: insertion of totally implantable vascular access device (86.07)

86.07 Insertion of totally implantable vascular access device [VAD] Totally implanted port Excludes: insertion of totally implantable infusion pump (86.06) 86.09 Other incision of skin and subcutaneous tissue ® Creation of thalamic stimulator pulse generator pocket, new site Escharotomy Exploration: sinus tract, skin superficial fossa Relocation of subcutaneous device pocket NEC Reopening subcutaneous pocket for device revision without replacement Undercutting of hair follicle Excludes: creation of loop recorder pocket, new site and insertion/relocation of device (37.79) creation of pocket for implantable, patient-activated cardiac event recorder and insertion/relocation of device (37.79) removal of catheter from cranial cavity (01.27) that of: cardiac pacemaker pocket, new site (37.79) fascial compartments of face and mouth (27.0) 86.1 Diagnostic procedures on skin and subcutaneous tissue 86.11 Biopsy of skin and subcutaneous tissue 86.19 Other diagnostic procedures on skin and subcutaneous tissue Excludes: microscopic examination of specimen from skin and subcutaneous tissue (91.61-91.79) 86.2 Excision or destruction of lesion or tissue of skin and subcutaneous tissue 86.21 Excision of pilonidal cyst or sinus Marsupialization of cvst Excludes: incision of pilonidal cyst or sinus (86.03) 86.22 Excisional debridement of wound, infection, or burn Removal by excision of: devitalized tissue necrosis slough Excludes: debridement of: abdominal wall (wound) (54.3) bone (77.60-77.69) muscle (83.45) of hand (82.36) nail (bed) (fold) <u>(86.27)</u> nonexcisional debridement of wound, infection, or burn (86.28)open fracture site (79.60-79.69) pedicle or flap graft (86.75)

86.23 Removal of nail, nail bed, or nail fold





```
86.24 Chemosurgery of skin
              Chemical peel of skin
      86.25 Dermabrasion
              That with laser
            Excludes: dermabrasion of wound to remove embedded debris (86.28)
      86.26 Ligation of dermal appendage
             Excludes: excision of preauricula appendage (18.29)
      86.27 Debridement of nail, nail bed, or nail fold
              Removal of:
                necrosis
                slouah
            Excludes: removal of nail, nail bed, or nail fold (86.23)
      86.28 Nonexcisional debridement of wound, infection or burn 🙉
              Debridement NOS
              Maggot therapy
              Removal of devitalized tissue, necrosis and slough by such methods
                 as:
                brushina
                irrigation (under pressure)
                scrubbing
                washing
             Water scalpel (jet)
86.3 Other local excision or destruction of lesion or tissue of skin and
      subcutaneous tissue
         Destruction of skin by:
           cauterization cryosurgery
           fulguration
           laser beam
         That with Z-plastv
      Excludes: adipectomy (86.83)
                  biopsy of skin (86.11)
                  wide or radical excision of skin (86.4)
                  Z-plasty without excision (86.84)
86.4 Radical excision of skin lesion
       Wide excision of skin lesion involving underlying or adjacent structure
     Code also any lymph node dissection (40.3-40.5)
86.5 Suture or other closure of skin and subcutaneous tissue
      86.51 Replantation of scalp
     86.59 Closure of skin and subcutaneous tissue of other sites
              Adhesives (surgical) (tissue)
              Staples
              Sutures
            Excludes: application of adhesive strips (butterfly) - omit code
```

```
86.6 Free skin graft
```

Includes: excision of skin for autogenous graft

Excludes: construction or reconstruction of:

penis (64.43-64.44) trachea (31.75) vagina (70.61-70.62)

86.60 Free skin graft, not otherwise specified

86.61 Full-thickness skin graft to hand

Excludes: heterograft (86.65) homograft (86.66)

86.62 Other skin graft to hand

Excludes: heterograft (86.65) homograft (86.66)

86.63 Full-thickness skin graft to other sites

Excludes: heterograft (86.65) homograft (86.66)

86.64 Hair transplant

Excludes: hair follicle transplant to eyebrow or eyelash (08.63)

86.65 Heterograft to skin

Pigskin graft Porcine graft

Excludes: application of dressing only (93.57)

86.66 Homograft to skin

Graft to skin of:

amnionic membrane from donor skin from donor

86.67 Dermal regenerative graft

Artificial skin, NOS Creation of "neodermis" Decellularized allodermis Integumentary matrix implants Prosthetic implant of dermal layer of skin

Regenerate dermal layer of skin

Excludes: heterograft to skin (86.65) homograft to skin (86.66)

86.69 Other skin graft to other sites

Excludes: heterograft (86.65) homograft (86.66)

86.7 Pedicle grafts or flaps

Excludes: construction or reconstruction of: penis (64.43-64.44) trachea (31.75) vagina (70.61-70.62)

86.70 Pedicle or flap graft, not otherwise specified

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86.71 Cutting and preparation of pedicle grafts or flaps
              Elevation of pedicle from its bed
              Flap design and raising
              Partial cutting of pedicle or tube
              Pedicle delay
             Excludes: pollicization or digita transfer (82.61, 82.81)
                      revision of pedicle (86.75)
     86.72 Advancement of pedicle graft
     86.73 Attachment of pedicle or flap graft to hand
             Excludes: pollicization or digita transfer (82.61, 82.81)
     86.74 Attachment of pedicle or flap graft to other sites
              Attachment by:
                advanced flap
                double pedicled flap
                pedicle graft
                rotating flap
                sliding flap
                tube graft
     86.75 Revision of pedicle or flap graft
              Debridement of pedicle or flap graft
              Defatting of pedicle or flap graft
86.8 Other repair and reconstruction of skin and subcutaneous tissue
     86.81 Repair for facial weakness
     86.82 Facial rhytidectomy
              Face lift
            Excludes: rhytidectomy of evelid (08.86-08.87)
     86.83 Size reduction plastic operation
              Liposuction
              Reduction of adipose tissue of:
                abdominal wall (pendulous)
                arms (batwing)
                buttock
                thighs (trochanteric lipomatosis)
            Excludes: breast (85.31-85.32)
     86.84 Relaxation of scar or web contracture of skin
              Z-plasty of skin
            Excludes: Z-plasty with excision of lesio (86.3)
     86.85 Correction of syndactyly
     86.86 Onychoplasty
     86.89 Other repair and reconstruction of skin and subcutaneous tissue
            Excludes: mentoplasty (76.67-76.68)
```

86.9	Other o	perations	on skin	and s	ubcutaneous	tissue

86.91 Excision of skin for graft

Excision of skin with closure of donor site

Excludes: that with graft at sam operative episode (86.60-86.69)

86.92 Electrolysis and other epilation of skin

Excludes: epilation of eyelid (08.91-08.93)

86.93 Insertion of tissue expander

Insertion (subcutaneous) (soft tissue) of expander(one or more) in scalp (subgaleal space), face, neck, trunk except breast, and upper and lower extremities for development of skin flaps for donor use

Excludes: flap graft preparation (86.71) tissue expander, breast (85.95)

86.94 Insertion or replacement of single array neurostimulator pulse generator, not specified as rechargeable ®

> Pulse generator (single array, single channel) for intracranial, spinal, and peripheral neurostimulator

Code also any associated lead implantation (02.93,03.93,04.92)

Excludes: insertion or replacement of single array rechargeable neurostimulator pulse generator (86.97)

86.95 Insertion or replacement of dual array neurostimulator pulse generator, not specified as rechargeable 🔞

> Pulse generator (dual array, dual channel) for intracranial, spinal, and peripheral neurostimulator

Code also any associated lead implantation (02.93,03.93,04.92)

Excludes: insertion or replacement of dual array rechargeable neurostimulator pulse generator (86.98)

86.96 Insertion or replacement of other neurostimulator pulse generator ®

Code also any associated lead implantation (02.93,03.93,04.92)

Excludes: insertion of dual array neurostimulator pulse generator

(86.95, 86.98) insertion of single array neurostimulator pulse generator (86.94, 86.97)

86.97 Insertion or replacement of single array rechargeable neurostimulator pulse generator

Rechargeable pulse generator (single array, single channel) for intracranial, spinal, and peripheral neurostimulator

Code also any associated lead implantation (02.93,03.93,04.92)

86.98 Insertion or replacement of dual array rechargeable neurostimulator pulse generator

Rechargeable pulse generator (dual array, dual channel) for intracranial, spinal, and peripheral neurostimulator

Code also any associated lead implantation (02.93,03.93,04.92)



## ICD-9-CM TABULAR LIST OF PROCEDURES (FY07)

#### 86.99 Other

**Excludes**: removal of sutures from: abdomen (97.83) head and neck (97.38) thorax (97.43) trunk NEC (97.84) wound catheter: *irrigation* (96.58) replacement (97.15)

#### 16. MISCELLANEOUS DIAGNOSTIC AND THERAPEUTIC PROCEDURES (87-99)

## Diagnostic Radiology

#### 87.0 Soft tissue x-ray of face, head, and neck

Excludes: angiography (88.40-88.68)

87.01 Pneumoencephalogram

87.02 Other contrast radiogram of brain and skull

Pneumocisternogram Pneumoventriculogram Posterior fossa myelogram

87.03 Computerized axial tomography of head

CAT scan of head

87.04 Other tomography of head

87.05 Contrast dacryocystogram

87.06 Contrast radiogram of nasopharynx

87.07 Contrast laryngogram

87.08 Cervical lymphangiogram

87.09 Other soft tissue x-ray of face, head, and neck

Noncontrast x-ray of:

adenoid

larvnx

nasolacrimal duct

nasopharvnx

salivary gland

thyroid region

uvula

Excludes: x-ray study of eye (95.14)

#### 87.1 Other x-ray of face, head, and neck

Excludes: angiography (88.40-88.68)

87.11 Full-mouth x-ray of teeth

### 87.12 Other dental x-ray

Orthodontic cephalogram or cephalometrics

Panorex examination of mandible

Root canal x-ray

#### 87.13 Temporomandibular contrast arthrogram

87.14 Contrast radiogram of orbit

87.15 Contrast radiogram of sinus

#### 87.16 Other x-ray of facial bones

X-ray of:

frontal area mandible

maxilla



nasal sinuses nose orbit

supraorbital area symphysis menti

zygomaticomaxillary complex 87.17 Other x-ray of skull Lateral projection of skull Sagittal projection Tangential projection 87.2 X-ray of spine 87.21 Contrast myelogram 87.22 Other x-ray of cervical spine 87.23 Other x-ray of thoracic spine 87.24 Other x-ray of lumbosacral spine Sacrococcygeal x-ray 87.29 Other x-ray of spine Spinal x-ray NOS 87.3 Soft tissue x-ray of thorax Excludes: angiocardiography (88.50-88.58) angiography (88.40-88.68) 87.31 Endotracheal bronchogram 87.32 Other contrast bronchogram Transcricoid bronchogram 87.33 Mediastinal pneumogram 87.34 Intrathoracic lymphangiogram 87.35 Contrast radiogram of mammary ducts 87.36 Xerography of breast 87.37 Other mammography 87.38 Sinogram of chest wall Fistulogram of chest wall 87.39 Other soft tissue x-ray of chest wall 87.4 Other x-ray of thorax Excludes: angiocardiography (88.50-88.58) angiography (88.40-88.68) 87.41 Computerized axial tomography of thorax C.A.T. scan of thorax Crystal linea scan of x-ray beam of thorax Electronic substraction of thorax Photoelectric response of thorax Tomography with use of computer, x-rays, and camera of thorax 87.42 Other tomography of thorax Cardiac tomogram 224 OR procedure Non OR procedure but affects ThaiDRG

# 87.43 X-ray of ribs, sternum, and clavicle Examination for: cervical rib fracture 87.44 Routine chest x-ray, so described X-ray of chest NOS 87.49 Other chest x-ray X-ray of: bronchus NOS diaphragm NOS heart NOS luna NOS mediastinum NOS trachea NOS 87.5 Biliary tract x-ray 87.51 Percutaneous hepatic cholangiogram 87.52 Intravenous cholangiogram 87.53 Intraoperative cholangiogram 87.54 Other cholangiogram 87.59 Other biliary tract x-ray Cholecystogram 87.6 Other x-ray of digestive system 87.61 Barium swallow 87.62 Upper GI series 87.63 Small bowel series 87.64 Lower GI series 87.65 Other x-ray of intestine 87.66 Contrast pancreatogram 87.69 Other digestive tract x-ray 87.7 X-ray of urinary system Excludes: angiography of renal vessels (88.45, 88.65) 87.71 Computerized axial tomography of kidney C.A.T. scan of kidney 87.72 Other nephrotomogram 87.73 Intravenous pyelogram Diuretic infusion pyelogram 87.74 Retrograde pyelogram 87.75 Percutaneous pyelogram 87.76 Retrograde cystourethrogram 87.77 Other cystogram 87.78 Ileal conduitogram 87.79 Other x-ray of the urinary system KUB x-ray

87.8 X-ray of female genital organs
87.81 X-ray of gravid uterus Intrauterine cephalometry by x-ray
87.82 Gas contrast hysterosalpingogram
87.83 Opaque dye contrast hysterosalpingogram
87.84 Percutaneous hysterogram
87.85 Other x-ray of fallopian tubes and uterus
87.89 Other x-ray of female genital organs
87.9 X-ray of male genital organs
87.91 Contrast seminal vesiculogram
87.92 Other x-ray of prostate and seminal vesicles
87.93 Contrast epididymogram
87.94 Contrast vasogram
87.95 Other x-ray of epididymis and vas deferens
87.99 Other x-ray of male genital organs
88 Other diagnostic radiology and related techniques
88.0 Soft tissue x-ray of abdomen
Excludes: angiography (88.40-88.68)
88.01 Computerized axial tomography of abdomen C.A.T. scan of abdomen
Excludes: C.A.T. scan of kidney (87.71)
88.02 Other abdomen tomography
Excludes: nephrotomogram (87.72)
88.03 Sinogram of abdominal wall  Fistulogram of abdominal wall
88.04 Abdominal lymphangiogram
88.09 Other soft tissue x-ray of abdominal wall
88.1 Other x-ray of abdomen
88.11 Pelvic opaque dye contrast radiography
88.12 Pelvic gas contrast radiography Pelvic pneumoperitoneum
88.13 Other peritoneal pneumogram
88.14 Retroperitoneal fistulogram
88.15 Retroperitoneal pneumogram
88.16 Other retroperitoneal x-ray
88.19 Other x-ray of abdomen  Flat plate of abdomen
88.2 Skeletal x-ray of extremities and pelvis
Excludes: contrast radiogram of joint (88.32)
OR procedure Non OR procedure but affects ThaiDRG

```
88.21 Skeletal x-ray of shoulder and upper arm
     88.22 Skeletal x-ray of elbow and forearm
     88.23 Skeletal x-ray of wrist and hand
     88.24 Skeletal x-ray of upper limb, not otherwise specified
     88.25 Pelvimetry
     88.26 Other skeletal x-ray of pelvis and hip
     88.27 Skeletal x-ray of thigh, knee, and lower leg
     88.28 Skeletal x-ray of ankle and foot
     88.29 Skeletal x-ray of lower limb, not otherwise specified
88.3 Other x-rav
     88.31 Skeletal series
             X-ray of whole skeleton
     88.32 Contrast arthrogram
            Excludes: that of temporomandibular joint (87.13)
     88.33 Other skeletal x-ray
            Excludes: skeletal x-ray of:
                       extremities and pelvis (88.21-88.29)
                       face, head, and neck (87.11-87.17)
                       spine (87.21-87.29)
                       thorax (87.43)
     88.34 Lymphangiogram of upper limb
     88.35 Other soft tissue x-ray of upper limb
     88.36 Lymphangiogram of lower limb
     88.37 Other soft tissue x-ray of lower limb
            Excludes: femoral angiography (88.48,88.66)
     88.38 Other computerized axial tomography
             C.A.T. scan NOS
            Excludes: C.A.T. scan of:
                       abdomen (88.01)
                        head (87.03)
                        kidney (87.71)
                        thorax (87.41)
     88.39 X-ray, other and unspecified
88.4 Arteriography using contrast material
     Includes: angiography of arteries
               arterial puncture for injection of contrast material
               radiography of arteries (by fluoroscopy)
               retrograde arteriography
       The fourth-digit subclassification identifies the site to be viewed, not the
               site of injection.
     Excludes: arteriography using:
                radioisotopes or radionuclides (92.01-92.19)
                ultrasound (88.71-88.79)
                fluorescein angiography of eye (95.12)
           New code Revised code 4th digit required
```

# 88.40 Arteriography using contrast material, unspecified site 88.41 Arteriography of cerebral arteries Angiography of: basilar artery carotid (internal) posterior cerebral circulation vertebral artery 88.42 Aortography Arteriography of aorta and aortic arch 88.43 Arteriography of pulmonary arteries 88.44 Arteriography of other intrathoracic vessels Excludes: angiocardiography (88.50-88.58) arteriography of coronary arteries (88.55-88.57) 88.45 Arteriography of renal arteries 88.46 Arteriography of placenta Placentogram using contrast material 88.47 Arteriography of other intra-abdominal arteries 88.48 Arteriography of femoral and other lower extremity arteries 88.49 Arteriography of other specified sites 88.5 Angiocardiography using contrast material Includes: arterial puncture and insertion of arterial catheter for injection of contrast material cineangiocardiography selective angiocardiography Code also synchronous cardiac catheterization (37.21-37.23) Excludes: anajography of pulmonary vessels (88.43, 88.62) 88.50 Angiocardiography, not otherwise specified 88.51 Angiocardiography of venae cavae Inferior vena cavography Phlebography of vena cava (inferior) (superior) 88.52 Angiocardiography of right heart structures Angiocardiography of: pulmonary valve right atrium right ventricle (outflow tract) Excludes: that combined with left heart angiocardiography (88.54) 88.53 Angiocardiography of left heart structures Angiocardiography of: aortic valve left atrium left ventricle (outflow tract) Excludes: that combined with right heart angiocardiography (88.54) 88.54 Combined right and left heart angiocardiography

OR procedure | Non OR procedure but affects ThaiDRG

88.55 Coronary arteriography using a single catheter

Coronary arteriography by Sones technique Direct selective coronary arteriography using a single catheter

88.56 Coronary arteriography using two catheters

Coronary arteriography by:

ludkins technique

Ricketts and Abrams technique

Direct selective coronary arteriography using two catheters

88.57 Other and unspecified coronary arteriography

Coronary arteriography NOS

88.58 Negative-contrast cardiac roentgenography

Cardiac roentgenography with injection of carbon dioxide

## 88.6 Phlebography

Includes: angiography of veins

radiography of veins (by fluoroscopy)

retrograde phlebography

venipuncture for injection of contrast material

venography using contrast material

The fourth-digit subclassification (88.60-88.67) identifies the site Note:

to be viewed, not the site of injection.

Excludes: angiography using:

radioisotopes or radionuclides (92.01-92.19)

ultrasound (88.71-88.79)

fluorescein angiography of eye (95.12)

88.60 Phlebography using contrast material, unspecified site

88.61 Phlebography of veins of head and neck using contrast material

88.62 Phlebography of pulmonary veins using contrast material

88.63 Phlebography of other intrathoracic veins using contrast material

88.64 Phlebography of the portal venous system using contrast material Splenoportogram (by splenic arteriography)

88.65 Phlebography of other intra-abdominal veins using contrast material

88.66 Phlebography of femoral and other lower extremity veins using contrast material

88.67 Phlebography of other specified sites using contrast material

88.68 Impedance phlebography

## 88.7 Diagnostic ultrasound

Includes: Echography

Non-invasive ultrasound Ultrasonic angiography Ultrasonography

Excludes: intravascular imaging (adjunctive) (IVUS) (00.21-00.29)

therapeutic ultrasound (00.01 -00.09)



88.71 Diagnostic ultrasound of head and neck
Determination of midline shift of brain

Echoencephalography

Excludes: eye (95.13)

88.72 Diagnostic ultrasound of heart

		Echocardiography Transesophageal echocardiography
		Excludes: echocardiography of heart chambers (37.28) intracardiac echocardiography (ICE) (37.28) intravascular (IVUS) imaging of coronary vessels (00.24)
	88.73	Diagnostic ultrasound of other sites of thorax Aortic arch ultrasonography Breast ultrasonography Lung ultrasonography
	88.74	Diagnostic ultrasound of digestive system
	88.75	Diagnostic ultrasound of urinary system
	88.76	Diagnostic ultrasound of abdomen and retroperitoneum
	88.77	Diagnostic ultrasound of peripheral vascular system ® Deep vein thrombosis ultrasonic scanning
		Excludes: adjunct vascular system procedures (00.40-00.43)
	88.78	Diagnostic ultrasound of gravid uterus Intrauterine cephalometry: echo ultrasonic Placental localization by ultrasound
	88.79	Other diagnostic ultrasound Ultrasonography of: multiple sites nongravid uterus total body
88.8	Therm	ography
	88.81	Cerebral thermography
	88.82	Ocular thermography
	88.83	Bone thermography Osteoarticular thermography
	88.84	Muscle thermography
	88.85	Breast thermography
	88.86	Blood vessel thermography Deep vein thermography
	88.89	Thermography of other sites Lymph gland thermography Thermography NOS
88.9	Other	diagnostic imaging
	88.90	Diagnostic imaging, not elsewhere classified
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## ICD-9-CM TABULAR LIST OF PROCEDURES (FY07)

	88.91	Magnetic resonance imaging of brain and brain stem  Excludes: intraoperative magnetic resonance imaging (88.96)  real-time magnetic resonance imaging (88.96)	
	88.92	Magnetic resonance imaging of chest and myocardium For evaluation of hilar and mediastinal lymphadenopathy	
	88.93	Magnetic resonance imaging of spinal canal Spinal cord levels:     cervical     thoracic     lumbar (lumbosacral) Spinal cord Spine	
	88.94	Magnetic resonance imaging of musculoskeletal Bone marrow blood supply Extremities (upper) (lower)	
	88.95	$\label{eq:magnetic resonance imaging of pelvis, prostate, and bladder} \label{eq:magnetic resonance imaging of pelvis, prostate, and bladder}$	
	88.96	Other intraoperative magnetic resonance imaging iMRI	
		Real-time magnetic resonance imaging	
	88.97	Magnetic resonance imaging of other and unspecified sites Abdomen Eye orbit Face Neck	
	88.98	Bone mineral density studies Dual photon absorptiometry Quantitative computed tomography (CT) studies Radiographic densitometry Single photon absorptiometry	
89	Interv	iew, evaluation, consultation, and examination	
89.0		ostic interview, consultation, and evaluation es: psychiatric diagnostic interview (94.11-94.19)	
	89.01	Interview and evaluation, described as brief Abbreviated history and evaluation	
	89.02	Interview and evaluation, described as limited Interval history and evaluation	
	89.03	Interview and evaluation, described as comprehensive History and evaluation of new problem	
	89.04	Other interview and evaluation	
	89.05	Diagnostic interview and evaluation, not otherwise specified	
		Consultation, described as limited Consultation on a single organ system	
	89.07	Consultation, described as comprehensive	
	89.08	Other consultation	
	89.09	Consultation, not otherwise specified	
	4	Mew code Revised code 4th digit required	231

# 89.1 Anatomic and physiologic measurements and manual examinations -- nervous system and sense organs

Excludes: ear examination (95.41-95.49)

eye examination (95.01-95.26)

the listed procedures when done as part of a general physical examination (89.7)

#### 89.10 Intracarotid amobarbital test

Wada test

- 89.11 Tonometry
- 89.12 Nasal function study
  Rhinomanometry
- 89.13 Neurologic examination
- 89.14 Electroencephalogram

Excludes: that with polysomnogram (89.17)

- 89.15 Other nonoperative neurologic function tests
- 89.16 Transillumination of newborn skull
- 89.17 Polysomnogram

Sleep recording

# 89.18 Other sleep disorder function tests

Multiple sleep latency test [MSLT]

# 89.19 Video and radio-telemetered electroencephalographic monitoring Radiographic EEG monitoring

Video EEG monitoring

# 89.2 Anatomic and physiologic measurements and manual examinations -- genitourinary system

Excludes: the listed procedures when done as part of a general physical examination (89.7)

#### 89.21 Urinary manometry

Manometry through:

indwelling ureteral catheter

nephrostomy

pyelostomy ureterostomy

- 89.22 Cystometrogram
- 89.23 Urethral sphincter electromyogram
- 89.24 Uroflowmetry [UFR]
- 89.25 Urethral pressure profile [UPP]
- 89.26 Gynecological examination

Pelvic examination

#### 89.29 Other nonoperative genitourinary system measurements

Bioassay of urine Renal clearance Urine chemistry

# 89.3 Other anatomic and physiologic measurements and manual examinations Excludes: the listed procedures when done as part of a general physical examination (89.7) 89.31 Dental examination Oral mucosal survey Periodontal survey 89.32 Esophageal manometry 89.33 Digital examination of enterostomy stoma Digital examination of colostomy stoma 89.34 Digital examination of rectum 89.35 Transillumination of nasal sinuses 89.36 Manual examination of breast 89.37 Vital capacity determination 89.38 Other nonoperative respiratory measurements Plethysmography for measurement of respiratory function Thoracic impedance plethysmography 89.39 Other nonoperative measurements and examinations 14 C-Urea breath test Basal metabolic rate [BMR] Gastric: analysis function NEC Excludes: body measurement (93.07) cardiac tests (89.41-89.69) fundus photography (95.11) limb length measurement (93.06) 89.4 Cardiac stress tests, pacemaker and defibrillator checks 89.41 Cardiovascular stress test using treadmill 89.42 Masters' two-step stress test 89.43 Cardiovascular stress test using bicycle ergometer 89.44 Other cardiovascular stress test Thallium stress test with or without transesophageal pacing 89.45 Artificial pacemaker rate check ® Artificial pacemaker function check NOS Bedside device check of pacemaker or cardiac resynchronization pacemaker [CRT-P] Interrogation only without arrhythmia induction Excludes: catheter based invasive electrophysiologic testing (37.26) non-invasive programmed electrical stimulation [NIPS] (arrhythmia induction) (37.20)

- 89.46 Artificial pacemaker artifact wave form check
- 89.47 Artificial pacemaker electrode impedance check
- 89.48 Artificial pacemaker voltage or amperage threshold check

Checking pacing thresholds of device

Interrogation only without arrhythmia induction

[CRT-D]

89.49 Automatic implantable cardioverter/defibrillator (AICD) check 🖲

Bedside check of an AICD or cardiac resynchronization defibrillator

Excludes: catheter based invasive electrophysiologic testing (37.26)

non-invasive programmed electrical stimulation [NIPS] (arrhythmia induction) (37.20) 89.5 Other nonoperative cardiac and vascular diagnostic procedures Excludes: fetal EKG (75.32) 89.50 Ambulatory cardiac monitoring Analog devices [Holter-type] 89.51 Rhythm electrocardiogram Rhythm EKG (with one to three leads) 89.52 Electrocardiogram **ECG NOS** EKG (with 12 or more leads) 89.53 Vectorcardiogram (with ECG) 89.54 Electrographic monitoring Telemetry Excludes: ambulatory cardiac monitorina (89.50) electrographic monitoring during surgery -- omit code 89.55 Phonocardiogram with ECG lead 89.56 Carotid pulse tracing with ECG lead Excludes: oculoplethysmography (89.58) 89.57 Apexcardiogram (with ECG lead) 89.58 Plethysmogram Penile plethysmography with nerve stimulation Excludes: plethysmography (for): measurement of respiratory function (89.38) thoracic impedance (89.38) 89.59 Other nonoperative cardiac and vascular measurements 89.6 Circulatory monitoring ® Excludes: electrocardiographic monitoring during surgery -- omit code implantation or replacement of subcutaneous device for intracardiac hemodynamic monitoring (00.57) insertion or replacement of implantable pressure sensor (lead) for intracardiac hemodynamic monitoring (00.56) 89.60 Continuous intra-arterial blood gas monitoring Insertion of blood gas monitoring system and continuous monitoring of blood gases through an intra-arterial sensor 89.61 Systemic arterial pressure monitoring 89.62 Central venous pressure monitoring 234 OR procedure Non OR procedure but affects ThaiDRG

#### 89.63 Pulmonary artery pressure monitoring

Excludes: pulmonary artery wedge monitoring (89.64)

## 89.64 Pulmonary artery wedge monitoring

Pulmonary capillary wedge [PCW] monitoring

Swan-Ganz catheterization

### 89.65 Measurement of systemic arterial blood gases

Excludes: continuous intra-arterial blood aas monitorina (89.60)

- 89.66 Measurement of mixed venous blood gases
- 89.67 Monitoring of cardiac output by oxygen consumption technique Fick method
- 89.68 Monitoring of cardiac output by other technique Cardiac output monitor by thermodilution indicator
- 89.69 Monitoring of coronary blood flow

Coronary blood flow monitoring by coincidence counting technique

### 89.7 General physical examination

89.8 Autopsy

## 90 Microscopic examination-I

The following fourth-digit subclassification is for use with categories in section 90 to identify type of examination:

- bacterial smear
- 2 culture
- 3 culture and sensitivity
- 4 parasitology
- 5 toxicology
- 6 cell block and Papanicolaou smear
- other microscopic examination
- 90.0 Microscopic examination of specimen from nervous system and of spinal fluid 🙆
- 90.1 Microscopic examination of specimen from endocrine gland, not elsewhere classified 4
- 90.2 Microscopic examination of specimen from eye 4
- 90.3 Microscopic examination of specimen from ear, nose, throat, and larynx 🧿
- 90.4 Microscopic examination of specimen from trachea, bronchus, pleura, lung, and other thoracic specimen, and of sputum
- 90.5 Microscopic examination of blood 4
- 90.6 Microscopic examination of specimen from spleen and of bone marrow 4
- 90.7 Microscopic examination of specimen from lymph node and of lymph 🧿
- 90.8 Microscopic examination of specimen from upper gastrointestinal tract and of vomitus 4
- 90.9 Microscopic examination of specimen from lower gastrointestinal tract and of stool 4

91	Microsc	opic e	examina	tion-II
		<b>-</b>	• /	

The following fourth-digit subclassification is for use with categories in section 91 to identify type of examination

- 1 bacterial smear
- 2 culture
- 3 culture and sensitivity
- 4 parasitology
- 5 toxicology
- 6 cell block and Papanicolaou smear
- 9 other microscopic examination
- 91.0 Microscopic examination of specimen from liver, biliary tract, and pancreas 4
- 91.1 Microscopic examination of peritoneal and retroperitoneal specimen 4
- 91.2 Microscopic examination of specimen from kidney, ureter, perirenal and periureteral tissue 4
- 91.3 Microscopic examination of specimen from bladder, urethra, prostate, seminal vesicle, perivesical tissue, and of urine and semen 4
- 91.4 Microscopic examination of specimen from female genital tract 4

  Amnionic sac

  Fetus
- 91.5 Microscopic examination of specimen from musculoskeletal system and of ioint fluid 4

Microscopic examination of:

bone

bursa

cartilage

fascia

ligament

muscle

synovial membrane

tendon

91.6 Microscopic examination of specimen from skin and other integument

Microscopic examination of:

hair

nails skin

Excludes: mucous membrane -- code to organ site that of operative wound (91.70-91.79)

- 91.7 Microscopic examination of specimen from operative wound 6
- 91.8 Microscopic examination of specimen from other site 4
- 91.9 Microscopic examination of specimen from unspecified site 0

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92	Nucl	ear	med	icine
	ITUC	· · ·		

## 92.0 Radioisotope scan and function study

#### 92.01 Thyroid scan and radioisotope function studies

lodine-131 uptake Protein-bound iodine Radio-iodine uptake

92.02 Liver scan and radioisotope function study

## 92.03 Renal scan and radioisotope function study

Renal clearance study

#### 92.04 Gastrointestinal scan and radioisotope function study

Radio-cobalt B12 Schilling test Radio-iodinated triolein study

#### 92.05 Cardiovascular and hematopoietic scan and radioisotope function study

Bone marrow scan or function study Cardiac output scan or function study Circulation time scan or function study Radionuclide cardiac ventriculogram scan or function study Spleen scan or function study

#### 92.09 Other radioisotope function studies

#### 92.1 Other radioisotope scan

92.11 Cerebral scan Pituitary

#### 92.12 Scan of other sites of head

**Excludes:** eve (95.16)

92.13 Parathyroid scan

92.14 Bone scan

92.15 Pulmonary scan

92.16 Scan of lymphatic system

92.17 Placental scan

92.18 Total body scan

92.19 Scan of other sites

#### 92.2 Therapeutic radiology and nuclear medicine

Excludes: that for:

ablation of pituitary gland (07.64-07.69) destruction of chorioretinal lesion (14.26-14.27)

#### 92.20 Infusion of liquid brachytherapy radioisotope

I-125 radioisotope Intracavitary brachytherapy

Includes: removal of radioisotope

#### 92.21 Superficial radiation

Contact radiation [up to 150 KVP]



92.22 Orthovoltage radiation

Deep radiation [200-300 KVP]

92.23 Radioisotopic teleradiotherapy
Teleradiotherapy using:
cobalt-60
iodine-125

## radioactive cesium 92.24 Teleradiotherapy using photons Megavoltage NOS Supervoltage NOS Use of: Retatron linear accelerator 92.25 Teleradiotherapy using electrons Beta particles 92.26 Teleradiotherapy of other particulate radiation Neutrons Protons NOS 92.27 Implantation or insertion of radioactive elements ® Intravascular brachytherapy Code also incision of site Excludes: infusion of liquid brachytherapy radioisotope (92.20) 92.28 Injection or instillation of radioisotopes ® Injection or infusion of radioimmunoconjugate Intracavitary injection or instillation Intravenous injection or instillation Iodine-131 [I-131] tositumomab Radioimmunotherapy Ytrium-90 [Y-90] ibritumomab tiuxetan Excludes: infusion of liquid brachytherapy radioisotope (92.20) 92.29 Other radiotherapeutic procedure 92.3 Stereotactic radiosurgery Code also stereotactic head frame application (93.59) Excludes: stereotactic biopsy 92.30 Stereotactic radiosurgery, not otherwise specified 92.31 Single source photon radiosurgery High energy x-rays Linear accelerator (LINAC) 92.32 Multi-source photon radiosurgery Cobalt 60 radiation Gamma irradiation 92.33 Particulate radiosurgery Particle beam radiation (cyclotron) Proton accerlerator 92.39 Stereotactic radiosurgery, not elsewhere classified 238 OR procedure Non OR procedure but affects ThaiDRG

93		cal therapy, respiratory therapy, rehabilitation, and related dures				
93.0	Diagnostic physical therapy					
	93.01	Functional evaluation				
	93.02	Orthotic evaluation				
	93.03	Prosthetic evaluation				
	93.04	Manual testing of muscle function				
	93.05	Range of motion testing				
	93.06	Measurement of limb length				
	93.07	Body measurement Girth measurement Measurement of skull circumference				
	93.08	Electromyography				
		Excludes: eye EMG (95.25) that with polysomnogram (89.17) urethral sphincter EMG (89.23)				
	93.09	Other diagnostic physical therapy procedure				
93.1	Physic	Physical therapy exercises				
	93.11	Assisting exercise ®				
		Excludes: assisted exercise in pool (93.31)				
	93.12	Other active musculoskeletal exercise				
	93.13	Resistive exercise				
	93.14	Training in joint movements				
	93.15	Mobilization of spine				
	93.16	Mobilization of other joints				
		Excludes: manipulation o temporomandibular joint (76.95)				
	93.17	Other passive musculoskeletal exercise				
	93.18	Breathing exercise				
	93.19	Exercise, not elsewhere classified				
93.2	Other	physical therapy musculoskeletal manipulation				
	93.21	Manual and mechanical traction				
		Excludes: skeletal traction (93.43-93.44) skin traction (93.45-93.46) spinal traction (93.41-93.42)				
	93.22	Ambulation and gait training				
	93.23	Fitting of orthotic device				
	93.24	Training in use of prosthetic or orthotic device Training in crutch walking				
		Forced extension of limb				
	93.26	Manual rupture of joint adhesions				

	93.27	Stretching of muscle or tendon
	93.28	Stretching of fascia
	93.29	Other forcible correction of deformity
93.3	Other	physical therapy therapeutic procedures
	93.31	Assisted exercise in pool
	93.32	Whirlpool treatment
	93.33	Other hydrotherapy
	93.34	Diathermy
	93.35	Other heat therapy Acupuncture with smouldering moxa Hot packs Hyperthermia NEC Infrared irradiation Moxibustion Paraffin bath Excludes: hyperthermia for treatment of cancer (99.85)
	93.36	Cardiac retraining
	93.37	Prenatal training Training for natural childbirth
	93.38	Combined physical therapy without mention of the components
	93.39	Other physical therapy
93.4	Skelet	al traction and other traction
	93.41	Spinal traction using skull device Traction using:     caliper tongs     Crutchfield tongs     halo device     Vinke tongs  Excludes: insertion of tongs or halo traction device (02.94)
	93.42	Other spinal traction Cotrel's traction
		Excludes: cervical collar (93.52)
	93.43	Intermittent skeletal traction
	93.44	Other skeletal traction Bryant's traction Dunlop's traction Lyman Smith traction Russell's traction
	93.45	Thomas' splint traction
	93.46	Other skin traction of limbs Adhesive tape traction Boot traction Buck's traction Gallows traction

## 93.5 Other immobilization, pressure, and attention to wound ®

Excludes: external fixator device (84.71-84.73) wound cleansing (96.58-96.59)

#### 93.51 Application of plaster jacket

Excludes: Minerva jacket (93.52)

## 93.52 Application of neck support

Application of: cervical collar Minerva iacket molded neck support

#### 93.53 Application of other cast

#### 93.54 Application of splint

Plaster splint Trav splint

Excludes: periodontal splint (24.7)

#### 93.55 Dental wiring

Excludes: that for orthodontia (24.7)

## 93.56 Application of pressure dressing

Application of: Gibney bandage Robert Iones' bandage Shanz dressing

#### 93.57 Application of other wound dressing

Porcine wound dressing

### 93.58 Application of pressure trousers

Application of: anti-shock trousers MAST trousers vasopneumatic device

## 93.59 Other immobilization, pressure, and attention to wound ®

Elastic stockings Electronic gaiter Intermittent pressure device Oxygenation of wound (hyperbaric) Stereotactic head frame application Velpeau dressing

#### 93.6 Osteopathic manipulative treatment

- 93.61 Osteopathic manipulative treatment for general mobilization General articulatory treatment
- 93.62 Osteopathic manipulative treatment using high-velocity, lowamplitude forces

Thrusting forces

## 93.63 Osteopathic manipulative treatment using low-velocity, highamplitude forces

Springing forces



	93.64	Osteopathic manipulative treatment using isotonic, isometric forces
	93.65	Osteopathic manipulative treatment using indirect forces
	93.66	Osteopathic manipulative treatment to move tissue fluids Lymphatic pump
	93.67	Other specified osteopathic manipulative treatment
93.7	Speech	and reading rehabilitation and rehabilitation of the blind
	93.71	Dyslexia training
	93.72	Dysphasia training
	93.73	Esophageal speech training
	93.74	Speech defect training
	93.75	Other speech training and therapy
	93.76	Training in use of lead dog for the blind
	93.77	Training in braille or Moon
	93.78	Other rehabilitation for the blind
93.8	Other	rehabilitation therapy
	93.81	Recreation therapy Diversional therapy Play therapy
		Excludes: play psychotherapy (94.36)
	93.82	Educational therapy Education of bed-bound children Special schooling for the handicapped
	93.83	Occupational therapy Daily living activities therapy
		Excludes: training in activities of daily living for the blind (93.78)
	93.84	Music therapy
	93.85	Vocational rehabilitation Sheltered employment Vocational:   assessment   retraining   training
	93.89	Rehabilitation, not elsewhere classified
93.9	Respir	atory therapy
	Exclud	es: insertion of airway (96.01-96.05) other continuous mechanical ventilation (96.70-96.72)
	93.90	Continuous positive airway pressure [CPAP] Bi-level airway pressure Non-invasive positive pressure (NIPPV)
	93.91	Intermittent positive pressure breathing [IPPB]

### 93.93 Nonmechanical methods of resuscitation

Artificial respiration Manual resuscitation

Mouth-to-mouth resuscitation

### 93.94 Respiratory medication administered by nebulizer Mist therapy

#### 93.95 Hyperbaric oxygenation

Excludes: oxvaenation of wound (93.59)

#### 93.96 Other oxygen enrichment

Catalytic oxygen therapy Cytoreductive effect

Oxygenators Oxygen therapy

Excludes: oxygenation of wound (93.59)

### 93.97 Decompression chamber

## 93.98 Other control of atmospheric pressure and composition

Antigen-free air conditioning

Helium therapy

Excludes: inhaled nitric oxide therapy (INO) (00.12)

## 93.99 Other respiratory procedures

Continuous negative pressure ventilation [CNP] Postural drainage

## 94 Procedures related to the psyche

## 94.0 Psychologic evaluation and testing

#### 94.01 Administration of intelligence test

Administration of:

Stanford-Binet

Wechsler Adult Intelligence Scale

Wechsler Intelligence Scale for Children

#### 94.02 Administration of psychologic test

Administration of:

Bender Visual-Motor Gestalt Test Benton Visual Retention Test

Minnesota Multiphasic Personality Inventory

Wechsler Memory Scale

#### 94.03 Character analysis

- 94.08 Other psychologic evaluation and testing
- 94.09 Psychologic mental status determination, not otherwise specified

#### 94.1 Psychiatric interviews, consultations, and evaluations

#### 94.11 Psychiatric mental status determination

Clinical psychiatric mental status determination

Evaluation for criminal responsibility

Evaluation for testimentary capacity

Medicolegal mental status determination

Mental status determination NOS



94.12 Routine psychiatric visit, not otherwise specified

94.19 Other psychiatric interview and evaluation Follow-up psychiatric interview NOS

94.13 Psychiatric commitment evaluation Pre-commitment interview

94.2	Psychi	atric somatotnerapy
	94.21	Narcoanalysis Narcosynthesis
	94.22	Lithium therapy
	94.23	Neuroleptic therapy
	94.24	Chemical shock therapy
	94.25	Other psychiatric drug therapy
	94.26	Subconvulsive electroshock therapy
	94.27	Other electroshock therapy Electroconvulsive therapy (ECT) EST
	94.29	Other psychiatric somatotherapy
94.3	Individ	lual psychotherapy
	94.31	Psychoanalysis
	94.32	Hypnotherapy Hypnodrome Hypnosis
	94.33	Behavior therapy Aversion therapy Behavior modification Desensitization therapy Extinction therapy Relaxation training Token economy
	94.34	Individual therapy for psychosexual dysfunction Excludes: that performed in group setting (94.41)
	94.35	Crisis intervention
	94.36	Play psychotherapy
	94.37	Exploratory verbal psychotherapy
	94.38	Supportive verbal psychotherapy
	94.39	Other individual psychotherapy Biofeedback
94.4	Other	psychotherapy and counselling
	94.41	Group therapy for psychosexual dysfunction
	94.42	Family therapy
	94.43	Psychodrama
	94.44	Other group therapy
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	94.45	Drug addiction counselling
	94.46	Alcoholism counselling
	94.49	Other counselling
94.5	Referr	al for psychologic rehabilitation
	94.51	Referral for psychotherapy
	94.52	Referral for psychiatric aftercare: That in: halfway house outpatient (clinic) facility
	94.53	Referral for alcoholism rehabilitation
	94.54	Referral for drug addiction rehabilitation
	94.55	Referral for vocational rehabilitation
	94.59	Referral for other psychologic rehabilitation
94.6	Alcoho	ol and drug rehabilitation and detoxification
	94.61	Alcohol rehabilitation
	94.62	Alcohol detoxification
	94.63	Alcohol rehabilitation and detoxification
	94.64	Drug rehabilitation
	94.65	Drug detoxification
	94.66	Drug rehabilitation and detoxification
		Combined alcohol and drug rehabilitation
		Combined alcohol and drug detoxification
	94.69	Combined alcohol and drug rehabilitation and detoxification
95	Ophth	almologic and otologic diagnosis and treatment
95.0	Genera	al and subjective eye examination
	95.01	<b>Limited eye examination</b> Eye examination with prescription of spectacles
	95.02	Comprehensive eye examination  Eye examination covering all aspects of the visual system
	95.03	Extended ophthalmologic work-up Examination (for): glaucoma neuro-ophthalmology retinal disease
	95.04	Eye examination under anesthesia Code also type of examination
	95.05	Visual field study
	95.06	Color vision study
	95.07	Dark adaptation study
	95.09	Eye examination, not otherwise specified Vision check NOS

# ICD-9-CM TABULAR LIST OF PROCEDURES (FY07) 95.1 Examinations of form and structure of eye 95.11 Fundus photography 95.12 Fluorescein angiography or angioscopy of eye 95.13 Ultrasound study of eve 95.14 X-ray study of eye 95.15 Ocular motility study 95.16 P32 and other tracer studies of eve 95.2 Objective functional tests of eve Excludes: that with polysomnogram (89.17) 95.21 Electroretinogram [ERG] 95.22 Electro-oculogram [EOG] 95.23 Visual evoked potential [VEP] 95.24 Electronystagmogram [ENG] 95.25 Electromyogram of eye [EMG] 95.26 Tonography, provocative tests, and other glaucoma testing 95.3 Special vision services 95.31 Fitting and dispensing of spectacles 95.32 Prescription, fitting, and dispensing of contact lens 95.33 Dispensing of other low vision aids 95.34 Ocular prosthetics 95.35 Orthoptic training 95.36 Ophthalmologic counselling and instruction Counselling in: adaptation to visual loss use of low vision aids 95.4 Nonoperative procedures related to hearing 95.41 Audiometry Békésy 5-tone audiometry Impedance audiometry Stapedial reflex response Subjective audiometry Tympanogram 95.42 Clinical test of hearing Tuning fork test Whispered speech test 95.43 Audiological evaluation Audiological evaluation by: Bárány noise machine

blindfold test delayed feedback masking

Weber lateralization

	95.44	Clinical vestibular function tests Thermal test of vestibular function
	95.45	Rotation tests Bárány chair
	95.46	Other auditory and vestibular function tests
	95.47	Hearing examination, not otherwise specified
	95.48	Fitting of hearing aid
		Excludes: implantation of electromagnetic hearing device (20.95)
	95.49	Other nonoperative procedures related to hearing Adjustment (external components) of cochlear prosthetic device
96	Nonop	perative intubation and irrigation
96.0	Nonop	erative intubation of gastrointestinal and respiratory tracts
	96.01	Insertion of nasopharyngeal airway
	96.02	Insertion of oropharyngeal airway
	96.03	Insertion of esophageal obturator airway
	96.04	Insertion of endotracheal tube
	96.05	Other intubation of respiratory tract ® Excludes: endoscopic insertion or replacement of bronchial device or substance (33.71, 33.79)
	96.06	Insertion of Sengstaken tube Esophageal tamponade
	96.07	Insertion of other (naso-)gastric tube Intubation for decompression Excludes: that for enteral infusion of nutritional substance (96.6)
	96.08	Insertion of (naso-)intestinal tube Miller-Abbott tube (for decompression)
	96.09	Insertion of rectal tube Replacement of rectal tube
96.1	6.1 Other nonoperative insertion	
		es: nasolacrimal intubation <u>(09.44)</u>
	96.11	Packing of external auditory canal
	96.14	Vaginal packing
	96.15	Insertion of vaginal mold
	96.16	Other vaginal dilation
	96.17	Insertion of vaginal diaphragm
	96.18	Insertion of other vaginal pessary
	96.19	Rectal packing
96.2	Nonop	erative dilation and manipulation
	96.21	Dilation of frontonasal duct
	96.22	Dilation of rectum
	96.23	Dilation of anal sphincter



	96.24	Dilation and manipulation of enterostomy stoma		
	96.25	Therapeutic distention of bladder Intermittent distention of bladder		
	96.26	Manual reduction of rectal prolapse		
	96.27	Manual reduction of hernia		
	96.28	Manual reduction of enterostomy prolapse		
	96.29	With: fluoroscopy		
		ionizing radiation enema ultrasonography guidance Hydrostatic reduction Pneumatic reduction		
		Excludes: intra-abdominal manipulation of intestine, not otherwise specified (46.80)		
96.3	Nonop	erative alimentary tract irrigation, cleaning, and local instillation		
	96.31	Gastric cooling Gastric hypothermia		
	96.32	Gastric freezing		
	96.33	Gastric lavage		
		Other irrigation of (naso-)gastric tube		
	96.35	Gastric gavage		
	96.36	Irrigation of gastrostomy or enterostomy		
	96.37	Proctoclysis		
	96.38	Removal of impacted feces Removal of impaction: by flushing manually		
	96.39	Other transanal enema Rectal irrigation		
		Excludes: reduction of intussusception of alimentary tract by ionizing radiation enema (96.29)		
96.4		Nonoperative irrigation, cleaning, and local instillation of other digestive and genitourinary organs		
	96.41	Irrigation of cholecystostomy and other biliary tube		
	96.42	Irrigation of pancreatic tube		
	96.43	Digestive tract instillation, except gastric gavage		
	96.44	Vaginal douche		
	96.45	Irrigation of nephrostomy and pyelostomy		
		Irrigation of ureterostomy and ureteral catheter		
	96.47	Irrigation of cystostomy		
		Irrigation of other indwelling urinary catheter		
	96.49	Other genitourinary instillation Insertion of prostaglandin suppository		
248		OR procedure Non OR procedure but affects ThaiDRG		

# 96.5 Other nonoperative irrigation and cleaning 96.51 Irrigation of eve Irrigation of cornea Excludes: irrigation with removal of foreign body (98.21) 96.52 Irrigation of ear Irrigation with removal of cerumen 96.53 Irrigation of nasal passages 96.54 Dental scaling, polishing, and debridement Dental prophylaxis Plaque removal 96.55 Tracheostomy toilette 96.56 Other lavage of bronchus and trachea Excludes: diagnostic bronchoglyeolar layage (BAL)(33.24) whole luna lavage (33.99) 96.57 Irrigation of vascular catheter 96.58 Irrigation of wound catheter 96.59 Other irrigation of wound Wound cleaning NOS Excludes: debridement (86,22, 86,27-86,28) 96.6 Enteral infusion of concentrated nutritional substances 96.7 Other continuous mechanical ventilation Includes: Endotracheal respiratory assistance Intermittent mandatory ventilation [IMV] Positive end expiratory pressure [PEEP] Pressure support ventilation [PSV] That by tracheostomy Weaning of an intubated (endotracheal tube) patient Excludes: bi-level airway pressure (93.90) continuous negative pressure ventilation [CNP] (iron lung) (cuirass) (93.99)continuous positive airway pressure [CPAP] (93.90) intermittent positive pressure breathing [IPPB] (93.91) non-invasive positive pressure (NIPPV) (93.90) that by face mask (93.90-93.99) that by nasal cannula(93.90-93.99) that by nasal catheter (93.90-93.99)) Code also any associated:

#### tracheostomy (31.1-31.29) **Endotracheal Intubation** Note:

endotracheal tube insertion (96.04)

To calculate the number of hours (duration) of continuous mechanical ventilation during a hospitalization, begin the count from the start of the (endotracheal) intubation. The duration ends with (endotracheal) extubation

If a patient is intubated prior to admission, begin counting the duration from the time of the admission. If a patient is transferred (discharged) while intubated, the duration would end at the time of transfer (discharge).

For patients who begin on (endotracheal) intubation and subsequently have a tracheostomy performed for mechanical ventilation, the duration begins with the (endotracheal) intubation and ends when the mechanical ventilation is turned off (after the weaning period).

#### Tracheostomy

To calculate the number of hours of continuous mechanical ventilation during a hospitalization, begin counting the duration when mechanical ventilation is started. The duration ends when the mechanical ventilator is turned off (after the weaning period).

If a patient has received a tracheostomy prior to admission and is on mechanical ventilation at the time of admission, begin counting the duration from the time of admission. If a patient is transferred (discharged) while still on mechanical ventilation via tracheostomy, the duration would end at the time of the transfer (discharge).

- 96.70 Continuous mechanical ventilation of unspecified duration Mechanical ventilation NOS
- 96.71 Continuous mechanical ventilation for less than 96 consecutive hours
- 96.72 Continuous mechanical ventilation for 96 consecutive hours or more
- 97 Replacement and removal of therapeutic appliances
- 97.0 Nonoperative replacement of gastrointestinal appliance
  - 97.01 Replacement of (naso-)gastric or esophagostomy tube
  - 97.02 Replacement of gastrostomy tube
  - 97.03 Replacement of tube or enterostomy device of small intestine
  - 97.04 Replacement of tube or enterostomy device of large intestine
  - 97.05 Replacement of stent (tube) in biliary or pancreatic duct
- 97.1 Nonoperative replacement of musculoskeletal and integumentary system appliance
  - 97.11 Replacement of cast on upper limb
  - 97.12 Replacement of cast on lower limb
  - 97.13 Replacement of other cast
  - 97.14 Replacement of other device for musculoskeletal immobilization
  - 97.15 Replacement of wound catheter
  - 97.16 Replacement of wound packing or drain

Excludes: repacking of: dental wound (97.22) vulvar wound (97.26)

		ICD-9-CM TABULAR LIST OF PROCEDURES (FYU7)			
97.2	Other nonoperative replacement				
	97.21	Replacement of nasal packing			
	97.22	Replacement of dental packing			
	97.23	Replacement of tracheostomy tube			
	97.24	Replacement and refitting of vaginal diaphragm			
	97.25	Replacement of other vaginal pessary			
	97.26	Replacement of vaginal or vulvar packing or drain			
	97.29	Other nonoperative replacements			
97.3	97.3 Nonoperative removal of therapeutic device from head and neck				
	97.31	Removal of eye prosthesis			
		Excludes: removal of ocular implant (16.71) removal of orbital implant (16.72)			
	97.32	Removal of nasal packing			
	97.33	Removal of dental wiring			
	97.34	Removal of dental packing			
	97.35	Removal of dental prosthesis			
	97.36	Removal of other external mandibular fixation device			
	97.37	Removal of tracheostomy tube			
		Removal of sutures from head and neck			
	97.39	Removal of other therapeutic device from head and neck			
		Excludes: removal of skull tongs (02.94)			
97.4	Nonop	perative removal of therapeutic device from thorax			
	97.41	Removal of thoracotomy tube or pleural cavity drain			
	97.42	Removal of mediastinal drain			
	97.43	Removal of sutures from thorax			
	97.44	Nonoperative removal of heart assist system Explantation [removal] of circulatory assist device Explantation [removal] of percutaneous external heart assist device Intra-aortic balloon pump [IABP] Removal of extrinsic heart assist device Removal of pVAD Removal of percutaneous heart assist device			
	97.49	Removal of other device from thorax			
97.5	Nonop	perative removal of therapeutic device from digestive system			
	97.51	Removal of gastrostomy tube			
	97.52	Removal of tube from small intestine			
	97.53	Removal of tube from large intestine or appendix			

Removal of bile duct stent

97.54 Removal of cholecystostomy tube 97.55 Removal of T-tube, other bile duct tube, or liver tube

		97.56	Removal of pancreatic tube or drain			
		97.59	Removal of other device from digestive system Removal of rectal packing			
9	7.6	Nonoperative removal of therapeutic device from urinary system				
		97.61	Removal of pyelostomy and nephrostomy tube			
		97.62	Removal of ureterostomy tube and ureteral catheter			
		97.63	Removal of cystostomy tube			
		97.64	Removal of other urinary drainage device Removal of indwelling urinary catheter			
		97.65	Removal of urethral stent			
		97.69	Removal of other device from urinary system			
9	7.7	Nonop	perative removal of therapeutic device from genital system			
		97.71	Removal of intrauterine contraceptive device			
		97.72	Removal of intrauterine pack			
		97.73	Removal of vaginal diaphragm			
		97.74	Removal of other vaginal pessary			
		97.75	Removal of vaginal or vulvar packing			
		97.79	Removal of other device from genital tract Removal of sutures			
9	7.8	Other	nonoperative removal of therapeutic device			
		97.81	Removal of retroperitoneal drainage device			
		97.82	Removal of peritoneal drainage device			
		97.83	Removal of abdominal wall sutures			
		97.84	Removal of sutures from trunk, not elsewhere classified			
		97.85	Removal of packing from trunk, not elsewhere classified			
		97.86	Removal of other device from abdomen			
		97.87	Removal of other device from trunk			
		97.88	Removal of external immobilization device Removal of: brace cast			
		07.00	splint			
		97.89	Removal of other therapeutic device			

- 98 Nonoperative removal of foreign body or calculus
- 98.0 Removal of intraluminal foreign body from digestive system without incision

Excludes: removal of therapeutic device (97.51-97.59)

- 98.01 Removal of intraluminal foreign body from mouth without incision
- 98.02 Removal of intraluminal foreign body from esophagus without incision
- 98.03 Removal of intraluminal foreign body from stomach and small intestine without incision
- 98.04 Removal of intraluminal foreign body from large intestine without incision
- 98.05 Removal of intraluminal foreign body from rectum and anus without incision
- 98.1 Removal of intraluminal foreign body from other sites without incision

Excludes: removal of therapeutic device (97.31-97.49, 97.61-97.89)

- 98.11 Removal of intraluminal foreign body from ear without incision
- 98.12 Removal of intraluminal foreign body from nose without incision
- 98.13 Removal of intraluminal foreign body from pharynx without incision
- 98.14 Removal of intraluminal foreign body from larynx without incision
- 98.15 Removal of intraluminal foreign body from trachea and bronchus without incision
- 98.16 Removal of intraluminal foreign body from uterus without incision Excludes: removal of intrauterine contraceptive device (97.71)
- 98.17 Removal of intraluminal foreign body from vagina without incision
- 98.18 Removal of intraluminal foreign body from artificial stoma without incision
- 98.19 Removal of intraluminal foreign body from urethra without incision
- 98.2 Removal of other foreign body without incision

Excludes: removal of intraluminal foreign body (98.01-98.19)

- 98.20 Removal of foreign body, not otherwise specified
- 98.21 Removal of superficial foreign body from eve without incision
- 98.22 Removal of other foreign body without incision from head and neck

Removal of embedded foreign body from eyelid or conjunctiva without incision

- 98.23 Removal of foreign body from vulva without incision
- 98.24 Removal of foreign body from scrotum or penis without incision
- 98.25 Removal of other foreign body without incision from trunk except scrotum, penis, or vulva
- 98.26 Removal of foreign body from hand without incision

- 98.27 Removal of foreign body without incision from upper limb, except hand
- 98.28 Removal of foreign body from foot without incision
- 98.29 Removal of foreign body without incision from lower limb, except foot

#### 98.5 Extracorporeal shockwave lithotripsy [ESWL]

Lithotriptor tank procedure

Disintegration of stones by extracorporeal induced shockwaves

That with insertion of stent

- 98.51 Extracorporeal shockwave lithotripsy [ESWL] of the kidney, ureter and/or bladder
- 98.52 Extracorporeal shockwave lithotripsy [ESWL] of the gallbladder and/or bile duct
- 98.59 Extracorporeal shockwave lithotripsy of other sites

#### 99 Other nonoperative procedures

#### 99.0 Transfusion of blood and blood components

Use additional code for that done via catheter or cutdown (38.92-38.94)

# 99.00 Perioperative autologous transfusion of whole blood or blood components

Intraoperative blood collection Postoperative blood collection Salvage

#### 99.01 Exchange transfusion

Transfusion:

exsanguination replacement

# 99.02 Transfusion of previously collected autologous blood Blood component

#### 99.03 Other transfusion of whole blood

Transfusion:

blood NOS hemodilution

NOS

99.04 Transfusion of packed cells

99.05 Transfusion of platelets

Transfusion of thrombocytes

99.06 Transfusion of coagulation factors

Transfusion of antihemophilic factor

## 99.07 Transfusion of other serum

Transfusion of plasma

Excludes: injection [transfusion] of: antivenin (99.16) gamma globulin (99.14)

254	OR procedure	Non	OR	procedure	but	affects	ThaiDRG

#### 99.08 Transfusion of blood expander

Transfusion of Dextran

#### 99.09 Transfusion of other substance

Transfusion of:

blood surrogate granulocytes

Excludes: transplantation [transfusion] of bone marrow (41.0)

### 99.1 Injection or infusion of therapeutic or prophylactic substance

Includes: injection or infusion given:

hypodermically acting locally or systemically intramuscularly acting locally or systemically intravenously acting locally or systemically

### 99.10 Injection or infusion of thrombolytic agent ®

Alteplase

Anistreplase

Reteplase Streptokinase

Tenecteplase

Tissue plasminogen activator (TPA)

Urokinase

Excludes: aspirin - omit code

GP IIB/IIIa platelet inhibitor (99.20)

heparin (99.19) warfarin - omit code

#### 99.11 Injection of Rh immune alobulin

Injection of:

Anti-D (Rhesus) globulin

RhoGAM

#### 99.12 Immunization for allergy

Desensitization

#### 99.13 Immunization for autoimmune disease

## 99.14 Injection of gamma globulin

Injection of immune sera

#### 99.15 Parenteral infusion of concentrated nutritional substances

Hyperalimentation

Total parenteral nutrition [TPN]

Peripheral parenteral nutrition [PPN]

#### 99.16 Injection of antidote

Injection of:

antivenin

heavy metal antagonist

#### 99.17 Injection of insulin

#### 99.18 Injection or infusion of electrolytes

#### 99.19 Injection of anticoagulant

Excludes: infusion of drotrecogin alfa (activated)(00.11)

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99.2 Injection or infusion of other therapeutic or prophylactic substance
      Includes: injection or infusion given:
                 hypodermically acting locally or systemically
                 intramuscularly acting locally or systemically
                 intravenously acting locally or systemically
      Use additional code for:
         iniection (into):
              breast (85.92)
              bursa (82.94, 83.96)
              intraperitoneal (cavity) (54.97)
              intrathecal (03.92)
              joint (76.96, 81.92)
              kidney (55.96)
              liver (50.94)
              orbit (16.91)
              other sites -- see Alphabetic Index
         perfusion:
              NOS (39.97)
              intestine (46.95, 46.96)
              kidney (55.95)
              liver (50.93)
              total body (39.96)
      99.20 Injection or infusion of platelet inhibitor
              Glycoprotein IIB/IIIa inhibitor
               GP IIB/IIIa inhibitor
               GP IIB-IIIa inhibitor
             Excludes: infusion of heparin (99.19)
                       injection or infusion of thrombolytic agent (99.10)
      99.21 Injection of antibiotic
             Excludes: injection or infusion of oxazolidinone class of antibiotics
                        (00.14)
      99.22 Injection of other anti-infective
             Excludes: injection or infusion of oxazolidinone class of antibiotics
                        (00.14)
      99.23 Injection of steroid
              Injection of cortisone
              Subdermal implantation of progesterone
      99.24 Injection of other hormone
      99.25 Injection or infusion of cancer chemotherapeutic substance
              Chemoembolization
               Injection or infusion of antineoplastic agent
             Excludes: immunotherapy, antineoplastic (00.15, 99.28)
                       implantation of chemotherapeutic agent (00.10)
                       injection of radioisotope (92.28)
                       injection or infusion of biological response modifier [BRM] as
                         an antineoplastic agent (99.28)
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99.26 Injection of tranquilizer
     99.27 Iontophoresis
     99.28 Injection or infusion of biological response modifier [BRM] as an
            antineoplastic agent ®
              Low-dose interleukin-2 (IL-2) therapy
              Infusion of cintredekin besudotox
              Immunotherapy, antineoplastic
              Interleukin therapy
              Tumor vaccine
             Excludes: high-dose infusion interleukin-2 [IL-2] (00.15)
     99.29 Injection or infusion of other therapeutic or prophylactic substance
            Excludes: administration of neuroprotective agent (99.75)
                      immunization (99.31-99.59)
                      injection of sclerosina agent into:
                        esophageal varices (42.33)
                        hemorrhoids (49.42)
                        veins (39.92)
                      injection or infusion of human B-type natriuretic peptide
                        (hBNP)(00.13)
                      injection or infusion of nesiritide (00.13)
                      injection or infusion of platelet inhibitor (99.20)
                      injection or infusion of thrombolytic agent (99.10)
99.3 Prophylactic vaccination and inoculation against certain bacterial diseases
     99.31 Vaccination against cholera
     99.32 Vaccination against typhoid and paratyphoid fever
              Administration of TAB vaccine
     99.33 Vaccination against tuberculosis
              Administration of BCG vaccine
     99.34 Vaccination against plague
     99.35 Vaccination against tularemia
     99.36 Administration of diphtheria toxoid
            Excludes: administration of:
                        diphtheria antitoxin (99.58)
                        diphtheria-tetanus-pertussis, combined (99.39)
     99.37 Vaccination against pertussis
            Excludes: administration of diphtheria tetanus-pertussis, combined
     99.38 Administration of tetanus toxoid
            Excludes: administration of:
                        diphtheria-tetanus-pertussis, combined (99.39)
                        tetanus antitoxin (99.56)
     99.39 Administration of diphtheria-tetanus- pertussis, combined
```

99.4	Propn	ylactic vaccination and inoculation against certain viral diseases
	99.41	Administration of poliomyelitis vaccine
	99.42	Vaccination against smallpox
	99.43	Vaccination against yellow fever
	99.44	Vaccination against rabies
	99.45	Vaccination against measles
		Excludes: administration of measles-mumps rubella vaccine (99.48)
	99.46	Vaccination against mumps
		Excludes: administration of measles-mumps rubella vaccine (99.48)
	99.47	Vaccination against rubella
		Excludes: administration of measles-mumps rubella vaccine (99.48)
	99.48	Administration of measles-mumps-rubella vaccine
99.5	Other	vaccination and inoculation
	99.51	Prophylactic vaccination against the common cold
	99.52	Prophylactic vaccination against influenza
	99.53	Prophylactic vaccination against arthropod- borne viral encephalitis
	99.54	Prophylactic vaccination against other arthropod-borne viral diseases
	99.55	Prophylactic administration of vaccine against other diseases  Vaccination against:     anthrax     brucellosis     Rocky Mountain spotted fever     Staphylococcus     Streptococcus     typhus
	99.56	Administration of tetanus antitoxin
	99.57	Administration of botulism antitoxin
	99.58	Administration of other antitoxins Administration of: diphtheria antitoxin gas gangrene antitoxin scarlet fever antitoxin
	99.59	Other vaccination and inoculation Vaccination NOS
		Excludes: injection of: gamma globulin (99.14) Rh immune globulin (99.11) immunization for: allergy (99.12) autoimmune disease (99.13)

99.6 Conversion of cardiac rhythm

```
Excludes: open chest cardiac:
                  electric stimulation (37.91)
                  massage (37.91)
     99.60 Cardiopulmonary resuscitation, not otherwise specified
     99.61 Atrial cardioversion
     99.62 Other electric countershock of heart
             Cardioversion:
               NOS
               external
             Conversion to sinus rhythm
             Defibrillation
             External electrode stimulation
     99.63 Closed chest cardiac massage
             Cardiac massage NOS
             Manual external cardiac massage
     99.64 Carotid sinus stimulation
     99.69 Other conversion of cardiac rhythm
99.7 Therapeutic apheresis or other injection, administration, or infusion of
     other therapeutic or prophylactic substance
     99.71 Therapeutic plasmapheresis
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     99.72 Therapeutic leukopheresis
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     99.73 Therapeutic erythrocytapheresis
             Therapeutic erythropheresis
     99.74 Therapeutic plateletpheresis
     99.75 Administration of neuroprotective agent
     99.76 Extracorporeal immunoadsorption
             Removal of antibodies from plasma with protein A columns
     99.77 Application or administration of adhesion barrier substance
     99.78 Aquapheresis
             Plasma water removal
             Ultrafiltration [for water removal]
            Excludes: hemodiafiltration (39.95)
                     hemodialysis (39.95)
                     therapeutic plasmapheresis (99.71)
     99.79 Other
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99.8 Miscellaneous physical procedures
     99.81 Hypothermia (central) (local)
            Excludes: gastric cooling (96.31)
                     gastric freezing (96.32)
                     that incidental to open heart surgery (39.62)
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99.96 Collection of sperm for artificial insemination

99.98 Extraction of milk from lactating breast

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117 pogrossur ruciui VT./ I	unastoniosis, by site

Anastomosis -veinsCont.	AneurysmectomyCont.
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<u>78.37</u>	Aneurysmorrhaphy NEC 39.52
Anel operation (dilation of lacrimal duct)	by or with
<u>09.42</u>	anastomosis see Aneurysmectomy,
Anesthesia	with anastomosis, by site
acupunture for <u>99.91</u>	clipping <u>39.51</u>
cryoanalgesia nerve (cranial)	coagulation <u>39.52</u>
(peripheral) <u>04.2</u>	electrocoagulation 39.52
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Aneurysmectomy <u>38.60</u>	abdominal aorta 39.71
with	lower extremity artery(s) 39.79
anastomosis <u>38.30</u>	thoracic aorta 39.73
abdominal	upper extremity artery(s) 39.79
artery <u>38.36</u>	excision or resection see also
vein <u>38.37</u>	Aneurys-mectomy, by site
aorta (arch)(ascending)(descending)	with
<u>38.34</u>	anastomosis see Aneurysmectomy,
head and neck NEC 38.32	with anastomosis, by site
intracranial NEC 38.31	graft replacement see
lower limb	Aneurysmectomy, with graft
artery <u>38.38</u>	replacement, by site
vein <u>38.39</u>	filipuncture 39.52
thoracic NEC 38.35	graft replacement see Aneurysmectomy
upper limb (artery) (vein) 38.33	with graft replacement, by site
graft replacement (interposition) 38.40	methyl methacrylate 39.52
abdominal	suture <u>39.52</u>
aorta 38.44	wiring <u>39.52</u>
artery <u>38.46</u>	wrapping <u>39.52</u>
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thoracic)	Angiectomy
abdominal <u>38.44</u>	with
thoracic 38.45	anastomosis 38.30
thoracoabdominal <u>38.45</u> [ <u>38.44</u> ]	abdominal
head and neck NEC 38.42	artery <u>38.36</u>
intracranial NEC 38.41	vein 38.37
lower limb	aorta (arch) (ascending)
artery <u>38.48</u>	(descending) <u>38.34</u>
vein 38.49	head and neck NEC 38.32
thoracic NEC 38.45	intracranial NEC 38.31
upper limb (artery) (vein) 38.43	lower limb
abdominal	artery <u>38.38</u>
artery <u>38.66</u>	vein 38.39
vein 38.67	thoracic vessel NEC 38.35
aorta (arch) (ascending) (descending)	upper limb (artery) (vein) 38.33
<u>38.64</u>	······································



Angiectomy-withCont.	Angioplasty (laser)see also Repair, blood
graft replacement (interposition)	vessel
<u>38.40</u>	Note: Also use 00.40, 00.41, 00.42, or 00.43
abdominal	to show the total number of vessels
aorta <u>38.44</u>	treated. Use code 00.44 once to show
artery <u>38.46</u>	procedure on a bifurcated vessel. In
vein <u>38.47</u>	addition, use 00.45, 00.46, 00.47, or
aorta (arch) (ascending)	00.48 to show the number of vascular
(descending thoracic)	stents inserted.
abdominal <u>38.44</u>	stems inserted.
thoracic <u>38.45</u>	balloon (percutaneous transluminal) NEC <u>39.50</u>
thoracoabdominal <u>38.45</u> [ <u>38.44</u> ]	coronary artery 00.66
head and neck NEC <u>38.42</u>	coronary <u>36.09</u>
intracranial NEC <u>38.41</u>	open chest approach <u>36.03</u>
lower limb	percutaneous transluminal (balloon) 00.66
artery <u>38.48</u>	percutaneous transluminal (balloon)
vein <u>38.49</u>	(single vessel)
thoracic vessel NEC <u>38.45</u>	basilar <u>00.61</u>
upper limb (artery) (vein) 38.43	carotid <u>00.61</u>
Angiocardiography (selective) 88.50	cerebral (intracranial) 00.62
carbon dioxide (negative contrast) 88.58	cerebrovascular
combined right and left heart 88.54	cerebral (intracranial) 00.62
left heart (aortic valve) (atrium) (ventricle)	precerebral (extracranial) 00.61
(ventricular outflow tract) 88.53	carotid 00.61
combined with right heart 88.54	coronary (balloon)) 00.66
right heart (atrium) (pulmonary valve)	femoropopliteal 39.50
(ventricle) (ventricular outflow tract)	iliac <u>39.50</u>
88.52	lower extremity NOS 39.50
combined with left heart 88.54	mesenteric 39.50
vena cava (inferior) (superior) 88.51	peripheral NEC 39.50
Angiography (arterial) see also	precerebral (extracranial) 00.61
Arteriography <u>88.40</u>	carotid 00.61
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by site	vertebral 00.61
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brachial 88.49	cerebrovascular
carotid (internal) <u>88.41</u>	cerebrovasculai cerebral (intracranial) <u>00.62</u>
celiac 88.47	precerebral (extracranial) 00.61
cerebral (posterior circulation) 88.41	peripheral 39.50
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femoral 88.48	vein <u>39.32</u>
heart 88.50	Angioscopy, percutaneous 38.22
intra-abdominal NEC 88.47	eye (fluorescein) 95.12
intracranial 88.41	Angiotomy 38.00
intractanial 50.44	abdominal
lower extremity NEC 88.48	
neck <u>88.41</u>	artery <u>38.06</u>
placenta 88.46	vein 38.07
	aorta (arch) (ascending) (descending) 38.04
pulmonary 88.43	head and neck NEC 38.02
renal 88.45	intracranial NEC <u>38.01</u>
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<u>22.31</u>	skeletal traction) <u>02.94</u>
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88.42	skeletal traction) 02.94
Aortoplasty (aortic valve) (gusset type) 35.11	cast (fiberglass) (plaster) (plastic)NEC <u>93.53</u>
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<b>Apexcardiogram</b> (with ECG lead) <u>89.57</u>	see Reduction, fracture and
Apheresis, therapeutic - see category 99.7	Reduction, dislocation
Apicectomy	spica <u>93.51</u>
lung <u>32.3</u>	cervical collar <u>93.52</u>
petrous pyramid 20.59	with reduction of fracture or dislocation
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with root canal therapy 23.72	Reduction, dislocation
Apicoectomy 23.73	clamp, cerebral aneurysm (Crutchfield)
with root canal therapy 23.72	(Silverstone) 39.51
Apicolysis (lung) 33.39	croupette, croup tent 93.94
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Aponeurorrhaphy	Dunlop's traction 93.44
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<u>82.45</u>	Reduction, dislocation
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ApplicationCont.	ApplicationCont.
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clavicle <u>78.11</u>	see Reduction, fracture and
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fibula <u>78.17</u>	(pneumatic) (tray) <u>93.54</u>
humerus <u>78.12</u>	with fracture reduction
hybrid device or system <u>84.73</u>	see Reduction,fracture
Ilizarov type <u>84.72</u>	stereotactic head frame <u>93.59</u>
monoplanar system or device <u>84.71</u>	strapping (non-traction) 93.59
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pelvic <u>78.19</u>	Thomas collar <u>93.52</u>
phalanges (foot) (hand) 78.19	with reduction of fracture or dislocation
radius <u>78.13</u>	see Reduction, fracture and
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F	



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metacarpocarpal <u>81.26</u>	(bicompartmental) (hemijoint)	
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Arytenoidopexy 31.69	intracranial space (epidural) (extradural)	
Asai operation (larynx) 31.75	(subarachnoid) (subdural)	
Aspiration	(ventricular) <u>01.09</u>	
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breast <u>85.91</u>	hand <u>82.93</u>	
bronchus <u>96.05</u>	nail <u>86.01</u>	
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cataract <u>13.3</u>	with lavage <u>96.56</u>	
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phacofragmentation 13.43	percutaneous see Aspiration, by site	
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cranial (puncture) 01.09 craniobuccal pouch 07.72	prostate (percutaneous) <u>60.91</u> Rathke's pouch 07.72	
craniopharyngioma 07.72	seminal vesicles 60.71	
cul-de-sac (abscess) 70.0	seroma see Aspiration, by site	
curettage, uterus 69.59	skin 86.01	
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to terminate pregnancy 69.51	spermatocele 63.91	
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endotracheal 96.04	stem cell <u>99.79</u>	
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extradural <u>01.09</u>	subcutaneous tissue <u>86.01</u>	
eye (anterior chamber) (therapeutic) <u>12.91</u>	subdural space (cerebral) <u>01.09</u>	
diagnostic <u>12.21</u>	tendon <u>83.95</u>	
fallopian tube <u>66.91</u>	hand <u>82.93</u>	
fascia <u>83.95</u>	testis <u>62.91</u>	
hand <u>82.93</u>	thymus <u>07.92</u>	
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hematoma see also Aspiration, by	postoperative <u>06.02</u>	
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AspirationCont.	Atticoantrostomy (ear) 20.49	
tunica vaginalis (hydrocele)	Atticoantrotomy (ear) 20.49	
(percutaneous) 61.91	Atticotomy (ear) 20.23	
vitreous (and replacement) 14.72	Audiometry (Bekesy 5-tone) (impedance)	
diagnostic <u>14.11</u>	(stapedial reflex response) (subjective)	
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mental status <u>94.11</u>	bladder <u>57.87</u>	
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Assistance	mammoplasty see Mammoplasty,	
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extracorporeal circulation 39.61	outflow tract (pulmonary valve) (gusset	
endotracheal respiratory see category	type) <u>35.26</u>	
<u>96.7</u>	in total repair of tetralogy of Fallot	
hepatic, extracorporeal 50.92	<u>35.81</u>	
respiratory (endotracheal) (mechanical)	vocal cord(s) 31.0	
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see Scan, radioisotope	Autologous see Blood, transfusion	
Atherectomy	Autopsy <u>89.8</u>	
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coronary see Angioplasty	see Blood, transfusion	
peripheral <u>39.50</u>	Autotransplant, autotransplantation	
Atriocommissuropexy (mitral valve) 35.12	see also Reimplantation	
Atrioplasty NEC <u>37.99</u>	adrenal tissue (heterotopic) (orthotopic)	
combined with repair of valvular and	07.45	
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Repair, endocardial cushion defect	lung see Transplant, transplantation,	
septum (heart) NEC 35.71	lung <u>33.5</u>	
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septal defect <u>35.71</u>	parathyroid tissue (heterotopic)	
Atrioseptostomy (balloon) 35.41	(orthotopic) <u>06.95</u>	
Atriotomy <u>37.11</u>	thyroid tissue (heterotopic) (orthotopic)	
Atrioventriculostomy (cerebral-heart) 02.32	<u>06.94</u>	
Attachment	tooth <u>23.5</u>	
eye muscle	Avulsion, nerve (cranial) (peripheral) NEC	
orbicularis oculi to eyebrow <u>08.36</u>	<u>04.07</u>	
rectus to frontalis <u>15.9</u>	acoustic <u>04.01</u>	
pedicle (flap) graft <u>86.74</u>	phrenic <u>33.31</u>	
hand <u>86.73</u>	sympathetic <u>05.29</u>	
lip <u>27.57</u>	Azygography <u>88.63</u>	
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## В

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Baffes operation (interatrial transposition	laparoscopic <u>68.31</u>	
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lymph node dissection) 71.5 [40.3]	appendix 45.26	
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(ventricular reduction) (ventricular	open 51.13	
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epicardial poudrage 36.39	clavicle 77.41	
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humerus <u>77.42</u>	ear (external) <u>18.12</u>	
marrow <u>41.31</u>	middle or inner 20.32	
patella 77.46	endocervix 67.11	
pelvic 77.49	endometrium NEC 68.16	
phalanges (foot) (hand) 77.49	by	
radius <u>77.43</u>	aspiration curettage 69.59	
scapula <u>77.41</u>	dilation and curettage 69.09	
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ulna <del>77.43</del>	closed (endoscopic) 42.24	
vertebrae 77.49	open 42.25	
bowel see Biopsy, intestine	extraocular muscle or tendon 15.01	
brain NEC <u>01.13</u>	eye <u>16.23</u>	
closed 01.13	muscle (oblique) (rectus) 15.01	
open 01.14	eyelid 08.11	
percutaneous (needle) 01.13	fallopian tube 66.11	
breast 85.11	fascia 83.21	
blind 85.11	fetus 75.33	
closed 85.11	gallbladder 51.12	
open 85.12	closed (endoscopic) 51.14	
percutaneous (needle) (Vimm-Silverman)	open 51.13	
85.11	percutaneous (needle) 51.12	
bronchus NEC 33.24	ganglion (cranial) (peripheral) NEC 04.11	
brush 33.24	closed 04.11	
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open 33.25	percutaneous (needle) 04.11	
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brush 45.25	brush 45.14	
closed (endoscopic) 45.25	closed (endoscopic) 45.14	
open <u>45.26</u>	open <u>45.15</u>	
cerebral meninges NEC <u>01.11</u>	intestine NEC 45.27	
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open 01.12	brush 45.25	
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cornea 11.22	jejunum 45.14	
cul-de-sac <u>70.23</u>	brush <u>45.14</u>	
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diapinagin <u>34.27</u> duodenum <u>45.14</u>	open <u>45.15</u>	
brush 45.14	joint structure (aspiration) <u>80.30</u>	
closed (endoscopic) 45.14	ankle <u>80.37</u>	
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## C

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	grafting 21.07	
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crushing (and ligation) 66.31	
by endoscopy (laparoscopy) <u>66.21</u>	
division (and ligation) 66.32	
by endoscopy (culdoscopy)	
(hysteroscopy)	
(laparoscopy)	
(peritoneoscopy) <u>66.22</u> ligation 66.39	
with	
crushing 66.31	
by endoscopy (laparoscopy)	
66.21	
division 66.32	
by endoscopy (culdoscopy)	
(hysteroscopy)	
(laparoscopy)	
(peritoneoscopy) <u>66.22</u>	

structionCont.
fetus <u>73.8</u>
hemorrhoids 49.49
by
cryotherapy <u>49.44</u>
sclerotherapy 49.42
inner ear NEC 20.79
by injection 20.72
intervertebral disc (NOS) 80.50
by injection 80.52
by other specified method 80.59
herniated (nucleus pulposus) <u>80.51</u>
lacrimal sac <u>09.6</u>
lesion (local)
anus <u>49.39</u>
endoscopic <u>49.31</u>
Bartholin's gland <u>71.24</u>
by
aspiration 71.21
excision 71.24
incision 71.22
marsupialization 71.23
biliary ducts 51.69
endoscopic 51.64
bladder 57.59
transurethral 57.49
bone see Excision, lesion, bone
bowel see Destruction, lesion, intestine
brain (transtemporal approach)NEC <u>01.59</u>
by stereotactic radiosurgery <u>92.30</u>
cobalt 60 <u>92.32</u>
linear accelerator (LINAC) <u>92.31</u>
multi-source <u>92.32</u>
particle beam <u>92.33</u>
particulate <u>92.33</u>
radiosurgery NEC <u>92.39</u>
single source photon 92.31
breast NEC <u>85.20</u>
bronchus NEC 32.09
endoscopic 32.01
cerebral NEC 01.59
meninges <u>01.51</u>
cervix <u>67.39</u>
by
cauterization <u>67.32</u>
cryosurgery, cryoconization 67.33
electroconization 67.32
choroid <u>14.29</u>
by
cryotherapy <u>14.22</u>
diathermy <u>14.21</u>
implantation of radiation source 14.27
photocoagulation 14.25
laser <u>14.24</u>
xenon arc <u>14.23</u>
radiation therapy <u>14.26</u>
ciliary body (nonexcisional) 12.43
by excision 12.44

Destruction Issien (Issel) Court	Destruction Issien (Issel) Cont
<b>Destruction</b> -lesion (local) Cont.	Destruction -lesion (local) Cont.
conjunctiva <u>10.32</u>	palate (bony) (local) <u>27.31</u>
by excision <u>10.31</u>	wide <u>27.32</u>
cornea NEC <u>11.49</u>	pancreas <u>52.22</u>
by	by marsupialization <u>52.3</u>
cryotherapy <u>11.43</u>	endoscopic <u>52.21</u>
electrocauterization 11.42	pancreatic duct <u>52.22</u>
thermocauterization 11.42	endoscopic <u>52.21</u>
cul-de-sac <u>70.32</u>	penis <u>64.2</u>
duodenum NEC 45.32	pharynx (excisional) <u>29.39</u>
by excision 45.31	pituitary gland
endoscopic 45.30	by stereotactic radiosurgery <u>92.30</u>
endoscopic 45.30	cobalt 60 92.32
esophagus (chemosurgery)	linear accelerator (LINAC) <u>92.31</u>
(cryosurgery)	multi-source 92.32
(electroresection)	particle beam 92.33
(fulguration) NEC <u>42.39</u>	particulate 92.33
by excision 42.32	radiosurgery NEC <u>92.39</u>
endoscopic <u>42.33</u>	single source photon <u>92.31</u>
endoscopic <u>42.33</u>	rectum (local) <u>48.32</u>
eye NEC <u>16.93</u>	by
eyebrow <u>08.25</u>	cryosurgery <u>48.34</u>
eyelid <u>08.25</u>	electrocoagulation 48.32
excisionalsee Excision, lesion,	excision <u>48.35</u>
eyelid	fulguration <u>48.32</u>
heart 37.33	laser (Argon) 48.33
by catheter ablation 37.34	polyp <u>48.36</u>
intestine (large) 45.49	radical 48.31
by excision 45.41	retina 14.29
endoscopic 45.43	by
polypectomy 45.42	cryotherapy <u>14.22</u>
endoscopic 45.43	diathermy 14.21
polypectomy 45.42	implantation of radiation source
small 45.34	14.27
by excision <u>45.33</u>	photocoagulation 14.25
intranasal 21.31	laser 14.24
iris (nonexcisional) NEC <u>12.41</u>	xenon arc 14.23
by excision 12.42	radiation therapy 14.26
kidney <u>55.39</u>	salivary gland NEC 26.29
by marsupialization <u>55.31</u>	by marsupialization <u>26.21</u>
lacrimal sac <u>09.6</u>	sclera <u>12.84</u>
larynx <u>30.09</u>	scrotum 61.3
liver <u>50.29</u>	skin NEC <u>86.3</u>
lung <u>32.29</u>	sphincter of Oddi <u>51.69</u>
endoscopic <u>32.28</u>	endoscopic <u>51.64</u>
meninges (cerebral) <u>01.51</u>	spinal cord (meninges) <u>03.4</u>
spinal <u>03.4</u>	spleen <u>41.42</u>
nerve (peripheral) <u>04.07</u>	by marsupialization 41.41
sympathetic <u>05.29</u>	stomach NEC <u>43.49</u>
nose 21.30	by excision <u>43.42</u>
intranasal 21.31	endoscopic 43.41
specified NEC 21.32	endoscopic 43.41
ovary	subcutaneous tissue NEC 86.3
by	testis 62.2
aspiration <u>65.91</u>	tongue <u>25.1</u>
excision 65.29	urethra (excisional) 58.39
laparoscopic 65.25	endoscopic <u>58.31</u>
cyst by rupture (manual) <u>65.93</u>	uterus <u>68.29</u>

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DestructionCont.	Detoxification therapy 94.25
nerve (cranial) (peripheral) (by cryo-	alcohol 94.62
analgesia) (by radiofrequency) 04.2	with rehabilitation 94.63
sympathetic, by injection of	combined alcohol and drug 94.68
neurolytic agent <u>05.32</u>	with rehabilitation <u>94.69</u>
neuroma	drug <u>94.65</u>
acoustic <u>04.01</u>	with rehabilitation <u>94.66</u>
by craniotomy 04.01	combined alcohol and drug 94.68
by stereotactic radiosurgery <u>92.30</u>	with rehabilitation 94.69
cobalt 60 92.32	Devascularization, stomach 44.99
linear accelerator (LINAC) 92.31	Device
multi-source 92.32	
	CorCap™ 37.41
particle beam <u>92.33</u>	external fixator - see Fixator, external
particulate 92.33	Dewebbing
radiosurgery NEC <u>92.39</u>	esophagus <u>42.01</u>
single source photon <u>92.31</u>	syndactyly (fingers) (toes) <u>86.85</u>
cranial 04.07	Dextrorotation see Reduction, torsion
Morton's 04.07	Dialysis
peripheral	hemodiafiltration, hemofiltration
Morton's 04.07	(extracorporeal) 39.95
prostate (prostatic tissue)	kidney (extracorporeal) 39.95
by	liver <u>50.92</u>
cryotherapy <u>60.62</u>	peritoneal <u>54.98</u>
microwave <u>60.96</u>	renal (extracorporeal) <u>39.95</u>
radiofrequency <u>60.97</u>	Diaphanoscopy
transurethral microwave	nasal sinuses <u>89.35</u>
thermotherapy (TUMT) 60.96	skull (newborn) 89.16
transurethral needle ablation (TUNA)	Diaphysectomy see category 77.8
60.97	Diathermy 93.34
TULIP (transurethral (ultrasound)	choroid see Diathermy, retina
guided laser induced	nasal turbinates 21.61
	retina
prostatectomy) 60.21	
TUMT (transurethral microwave	for
thermotherapy) <u>60.96</u>	destruction of lesion 14.21
TUNA (transurethral needle ablation)	reattachment <u>14.51</u>
<u>60.97</u>	repair of tear <u>14.31</u>
semicircular canals, by injection 20.72	surgical see Destruction, lesion, by site
vestibule, by injection 20.72	turbinates (nasal) 21.61
Detachment, uterosacral ligaments 69.3	Dickson operation (fascial transplant) 83.82
Determination	Dickson-Diveley operation (tendon transfer
mental status (clinical) (medico-	and arthrodesis to correct claw toe) 77.57
legal) (psychiatric) NEC <u>94.11</u>	Dieffenbach operation (hip disarticulation)
psychologic NEC 94.09	84.18
vital capacity (pulmonary) 89.37	Dilation
Detorsion	achalasia <u>42.92</u>
intestine (twisted) (volvulus) 46.80	ampulla of Vater <u>51.81</u>
large <u>46.82</u>	endoscopic <u>51.84</u>
endoscopic (balloon) <u>46.85</u>	anus, anal (sphincter) <u>96.23</u>
small <u>46.81</u>	biliary duct
kidney <u>55.84</u>	endoscopic <u>51.84</u>
ovary <u>65.95</u>	pancreatic duct 52.99
spermatic cord 63.52	endoscopic 52.98
with orchiopexy 62.5	percutaneous (endoscopy) 51.98
testis 63.52	sphincter
with orchiopexy <u>62.5</u>	of Oddi 51.81
volvulus <u>46.80</u>	endoscopic 51.84
endoscopic (balloon) <u>46.85</u>	pancreatic 51.82
	endoscopic <u>51.85</u>

Dilatian Cant	Dilatian Cont
DilationCont.	DilationCont.
bladder <u>96.25</u>	Stenson's duct <u>26.91</u>
neck <u>57.92</u>	trachea 31.99
bronchus <u>33.91</u>	ureter <u>59.8</u>
cervix (canal) 67.0	meatus <u>56.91</u>
obstetrical 73.1	ureterovesical orifice <u>59.8</u>
to assist delivery 73.1	urethra 58.6
choanae (nasopharynx) 29.91	prostatic (transurethral) (balloon) 60.95
colon (endoscopic) (balloon) <u>46.85</u>	urethrovesical junction <u>58.6</u>
colostomy stoma 96.24	vagina (instrumental) (manual) NEC <u>96.16</u>
duodenum (endoscopic) (balloon) 46.85	vesical neck <u>57.92</u>
endoscopic see Dilation, by site	Wharton's duct 26.91
enterostomy stoma <u>96.24</u> esophagus(by bougie)(by sound) <u>42.92</u>	Wirsung's duct <u>52.99</u> endoscopic <u>52.98</u>
fallopian tube 66.96	Dilation and curettage,uterus (diagnostic)
foreskin (newborn) 99.95	69.09
frontonasal duct 96.21	after
gastrojejunostomy site, endoscopic	abortion 69.02
44.22	delivery 69.02
heart valve see Valvulotomy,	to terminate pregnancy <u>69.01</u>
heart	Diminution, ciliary body 12.74
ileostomy stoma <u>96.24</u>	Disarticulation 84.91
ileum (endoscopic) (balloon) 46.85	ankle 84.13
intestinal stoma (artificial) 96.24	elbow 84.06
intestine (endoscopic) (balloon)	finger, except thumb 84.01
46.85	thumb 84.02
jejunum (endoscopic) (balloon) 46.85	hip 84.18
lacrimal	knee 84.16
duct <u>09.42</u>	shoulder 84.08
punctum <u>09.41</u>	thumb <u>84.02</u>
larynx <u>31.98</u>	toe 84.11
lymphatic structure(s) (peripheral) 40.9	wrist <u>84.04</u>
nares <u>21.99</u>	Discectomy - see Diskectomy
nasolacrimal duct (retrograde) <u>09.43</u>	Discission
with insertion of tube or stent <u>09.44</u>	capsular membrane <u>13.64</u>
nasopharynx <u>29.91</u>	cataract (Wheeler knife) (Ziegler knife) <u>13.2</u>
pancreatic duct <u>52.99</u>	congenital <u>13.69</u>
endoscopic <u>52.98</u>	secondary membrane <u>13.64</u>
pharynx <u>29.91</u>	iris <u>12.12</u>
prostatic urethra (transurethral)	lens (capsule) (Wheeler knife) (Ziegler knife)
(balloon) <u>60.95</u>	(with capsulotomy) 13.2
punctum, lacrimal papilla <u>09.41</u>	orbitomaxillary, radical 16.51
pylorus	pupillary 13.2
by incision 44.21	secondary membrane (after cataract) 13.64
endoscopic 44.22	vitreous strands (posterior approach) 14.74
rectum <u>96.22</u> salivary duct 26.91	anterior approach 14.73
sphenoid ostia 22.52	Discogram, diskogram <u>87.21</u> Discolysis (by injection) <u>80.52</u>
sphincter	Diskectomy(discectomy),intervertebral
anal 96.23	80.51
cardiac 42.92	with corpectomy 80.99
of Oddi 51.81	herniated (nucleus pulposus) <u>80.51</u>
endoscopic 51.84	percutaneous 80.59
pancreatic 51.82	Dispensing (with fitting)
endoscopic <u>51.85</u>	contact lens 95.32
pylorus, endoscopic 44.22	low vision aids NEC 95.33
by incision 44.21	spectacles 95.31



Dissection see also Excision	DiverticulectomyCont.
aneurysm <u>38.60</u>	stomach <u>43.42</u>
artery-vein-nerve bundle <u>39.91</u>	endoscopic <u>43.41</u>
branchial cleft fistula or sinus <u>29.52</u>	urethra <u>58.39</u>
bronchus <u>32.1</u>	endoscopic <u>58.31</u>
femoral hernia <u>53.29</u>	Division
groin, radical <u>40.54</u>	Achilles tendon <u>83.11</u>
larynx block (en bloc) <u>30.3</u>	adductor tendon (hip) <u>83.12</u>
mediastinum with pneumonectomy 32.5	adhesions see Lysis, adhesions
neck, radical <u>40.40</u>	angle of mandible (open) 76.62
with laryngectomy <u>30.4</u>	closed <u>76.61</u>
bilateral 40.42	anterior synechiae <u>12.32</u>
unilateral <u>40.41</u>	aponeurosis <u>83.13</u>
orbital fibrous bands <u>16.92</u>	arcuate ligament (spine) omit code
pterygium (with reposition) 11.31	arteriovenous fistula (with ligation) 39.53
radical neck see Dissection, neck,	artery (with ligation) 38.80
radical	abdominal <u>38.86</u>
retroperitoneal NEC <u>59.00</u>	aorta (arch) (ascending) (descending)
thoracic structures (block) (en bloc)	38.84
(radical) (brachial plexus,	head and neck NEC 38.82
bronchus, lobe of lung, ribs, and	intracranial NEC 38.81
sympathetic nerves) 32.6	lower limb 38.88
vascular bundle <u>39.91</u>	thoracic NEC 38.85
Distention, bladder (therapeutic)	upper limb <u>38.83</u>
(intermittent) <u>96.25</u>	bladder neck <u>57.91</u>
Diversion	blepharorrhaphy <u>08.02</u>
biliopancreatic(BPD) <u>43.7</u> [45.51] [45.91]	blood vessels, cornea 10.1
with duodenal switch	bone see also Osteotomy <u>77.30</u>
43.89[45.51][45.91]	brain tissue <u>01.32</u>
urinary	cortical adhesions <u>02.91</u>
cutaneous <u>56.61</u>	canaliculus <u>09.52</u>
ileal conduit <u>56.51</u> internal NEC <u>56.71</u>	canthorrhaphy <u>08.02</u>
ureter to	cartilage <u>80.40</u> ankle 80.47
intestine <u>56.71</u>	elbow 80.42
skin <u>56.61</u>	foot and toe <u>80.48</u>
uretero-ileostomy <u>56.51</u>	hand and finger 80.44
Diversional therapy 93.81	hip <u>80.45</u>
Diverticulectomy	knee 80.46
bladder (suprapubic) <u>57.59</u>	shoulder <u>80.41</u>
transurethral approach 57.49	specified site NEC 80.49
duodenum 45.31	spine <u>80.49</u>
endoscopic <u>45.30</u>	wrist <u>80.43</u>
esophagus 42.31	cerebral tracts 01.32
endoscopic 42.33	chordae tendineae 35.32
esophagomyotomy 42.7	common wall between posterior left
hypopharyngeal (by cricopharyngeal	atrium and coronary sinus (with
myotomy) <u>29.32</u>	roofing of resultant defect with
intestine	patch graft) <u>35.82</u>
large <u>45.41</u>	congenital web
endoscopic <u>45.43</u>	larynx <u>31.98</u>
small <u>45.33</u>	pharynx <u>29.54</u>
kidney <u>55.39</u>	endometrial synechiae <u>68.21</u>
Meckel's <u>45.33</u>	fallopian tube
pharyngeal (by cricopharyngeal	see Ligation, fallopian tube
myotomy) <u>29.32</u>	fascia <u>83.14</u>
pharyngoesophageal (by crico-	hand <u>82.12</u>
pharyngeal myotomy) <u>29.32</u>	

DivisionCont.	Division -nerveCont.
frenulum, frenum	laryngeal (external) (recurrent) (superior
labial <u>27.91</u>	31.91
lingual <u>25.91</u>	phrenic <u>04.03</u>
tongue <u>25.91</u>	for collapse of lung 33.31
ganglion, sympathetic <u>05.0</u>	root, spinal or intraspinal 03.1
glossopharyngeal nerve 29.92	sympathetic <u>05.0</u>
goniosynechiae 12.31	tracts
hypophyseal stalk see also	cerebral 01.32
Hypophysectomy, partial <u>07.63</u>	spinal cord 03.29
iliotibial band 83.14	percutaneous <u>03.21</u>
isthmus	trigeminal <u>04.02</u>
horseshoe kidney 55.85	vagus see also Vagotomy 44.00
thyroid <u>06.91</u>	vestibular <u>04.01</u>
joint capsule <u>80.40</u>	otosclerotic process or material, middle
ankle 80.47	ear 19.0
elbow <u>80.42</u>	papillary muscle (heart) 35.31
foot and toe 80.48	patent ductus arteriosus 38.85
hand and finger 80.44	penile adhesions <u>64.93</u>
hip 80.45	posterior synechiae 12.33
knee <u>80.46</u>	pylorus (with wedge resection) 43.3
shoulder <u>80.41</u>	rectum (stricture) 48.91
specified site NEC 80.49	scalenus anticus muscle <u>83.19</u>
wrist <u>80.43</u>	Skene's gland <u>71.3</u>
labial frenum <u>27.91</u>	soft tissue NEC <u>83.19</u>
lacrimal ductules <u>09.0</u>	hand <u>82.19</u>
laryngeal nerve (external)	sphincter
(recurrent) (superior) 31.91	anal (external) (internal) 49.59
ligament 80.40	left lateral <u>49.51</u>
ankle <u>80.47</u>	posterior <u>49.52</u>
arcuate (spine) omit code	cardiac <u>42.7</u>
canthal <u>08.36</u>	of Oddi <u>51.82</u>
elbow <u>80.42</u>	endoscopic <u>51.85</u>
foot and toe 80.48	pancreatic <u>51.82</u>
hand and finger <u>80.44</u>	endoscopic <u>51.85</u>
hip <u>80.45</u>	spinal
knee <u>80.46</u>	cord tracts <u>03.29</u>
palpebrae <u>08.36</u>	percutaneous <u>03.21</u>
shoulder <u>80.41</u>	nerve root <u>03.1</u>
specified site NEC <u>80.49</u>	symblepharon(with insertion of conformer)
spine <u>80.49</u>	<u>10.5</u>
arcuate omit code	synechiae
flavum omit code	endometrial <u>68.21</u>
uterosacral <u>69.3</u>	iris (posterior) <u>12.33</u>
wrist <u>80.43</u>	anterior <u>12.32</u>
ligamentum flavum (spine) omit code	tarsorrhaphy <u>08.02</u>
meninges (cerebral) <u>01.31</u>	tendon <u>83.13</u>
muscle <u>83.19</u>	Achilles <u>83.11</u>
hand <u>82.19</u>	adductor (hip) <u>83.12</u>
nasolacrimal duct stricture (with	hand <u>82.11</u>
drainage) <u>09.59</u>	trabeculae carneae cordis (heart) <u>35.35</u>
nerve (cranial) (peripheral) NEC <u>04.03</u>	tympanum <u>20.23</u>
acoustic <u>04.01</u>	uterosacral ligaments <u>69.3</u>
adrenal gland <u>07.42</u>	vaginal septum <u>70.14</u>
auditory <u>04.01</u>	vas deferens <u>63.71</u>
glossopharyngeal 29.92	vein (with ligation) 38.80
lacrimal branch <u>05.0</u>	abdominal <u>38.87</u>
	head and neck NEC <u>38.82</u>



Division -veinCont.	DrainageCont.
intracranial NEC <u>38.81</u>	antecubital fossa <u>86.04</u>
lower limb 38.89	appendix <u>47.91</u>
varicose <u>38.59</u>	with appendectomy 47.09
thoracic NEC <u>38.85</u>	laparoscopic <u>47.01</u>
upper limb <u>38.83</u>	abscess <u>47.2</u>
varicose 38.50	with appendectomy 47.09
abdominal 38.57	laparoscopic 47.01
head and neck NEC 38.52	axilla 86.04
intracranial NEC 38.51	bladder (without incision) 57.0
lower limb 38.59	by indwelling catheter 57.94
thoracic NEC 38.55	percutaneous suprapubic (closed)
upper limb 38.53	<u>57.17</u>
vitreous, cicatricial bands (posterior	suprapubic NEC <u>57.18</u>
approach) <u>14.74</u>	buccal space <u>27.0</u>
anterior approach 14.73	bursa <u>83.03</u>
Doleris operation (shortening of round	by aspiration <u>83.94</u>
ligaments) 69.22	hand <u>82.92</u>
D'Ombrain operation (excision of	hand <u>82.03</u>
pterygium with corneal graft) 11.32	by aspiration <u>82.92</u>
Domestic tasks therapy 93.83	radial <u>82.03</u>
Dopplergram, Doppler flow mapping	ulnar <u>82.03</u>
see also Ultrasonography	cerebrum, cerebral (meninges) (ventricle)
aortic arch 88.73	(incision) (trephination) 01.39
head and neck <u>88.71</u>	by
heart <u>88.72</u>	anastomosis see Shunt, ventricular
thorax NEC <u>88.73</u>	aspiration <u>01.09</u>
Dorrance operation (push-back	through previously implanted
operation for cleft palate) 27.62	catheter <u>01.02</u>
Dotter operation (transluminal angioplasty	chest (closed) <u>34.04</u>
39.59	open (by incision) <u>34.09</u>
Douche, vagina <u>96.44</u>	cranial sinus (incision) (trephination) <u>01.21</u>
Douglas' operation (suture of tongue	by aspiration <u>01.09</u>
to lip for micrognathia) <u>25.59</u>	cul-de-sac <u>70.12</u>
Doyle operation (paracervical uterine	by aspiration <u>70.0</u>
denervation) <u>69.3</u>	cyst see also Drainage, by site and
Drainage	Incision, by site
by	pancreas (by catheter) <u>52.01</u>
anastomosis see Anastomosis	by marsupialization <u>52.3</u>
aspiration see Aspiration	internal (anastomosis) <u>52.4</u>
incision see Incision	pilonidal <u>86.03</u>
abdomen <u>54.19</u>	spleen, splenic(by marsupialization)41.4
percutaneous <u>54.91</u>	duodenum (tube) 46.39
abscess see also Drainage, by site	by incision <u>45.01</u>
and Incision, by site	ear
appendix <u>47.2</u>	external <u>18.09</u>
with appendectomy 47.09	inner <u>20.79</u>
laparoscopic <u>47.01</u>	middle (by myringotomy) 20.09
parapharyngeal(oral)(transcervical)	with intubation 20.01
<u>28.0</u>	epidural space, cerebral (incision)
peritonsillar (oral) (transcervical)	(trephination) <u>01.24</u>
<u>28.0</u>	by aspiration <u>01.09</u>
retropharyngeal(oral)(transcervical)	extradural space, cerebral (incision)
<u>28.0</u>	(trephination) <u>01.24</u>
thyroid (field) (gland) 06.09	by aspiration 01.09
percutaneous (needle) <u>06.01</u>	extraperitoneal <u>54.0</u>
postoperative <u>06.02</u>	facial region <u>27.0</u>
tonsil,tonsillar(oral)(transcervical)28.0	fascial compartments, head and neck <u>27.0</u>

DrainageCont.	DrainageCont.
fetal hydrocephalic head (needling)	perigastric <u>54.19</u>
(trocar) 73.8	percutaneous <u>54.91</u>
gallbladder <u>51.04</u>	percutaneous <u>54.91</u> perineum
by	· ·
	female <u>71.09</u>
anastomosis 51.35	male <u>86.04</u>
aspiration 51.01	perisplenic tissue 54.19
incision 51.04	percutaneous <u>54.91</u>
groin region(abdominal wall) (inguinal)	peritoneum 54.19
54.0	pelvic (female) <u>70.12</u>
skin <u>86.04</u>	percutaneous <u>54.91</u>
subcutaneous tissue <u>86.04</u>	peritonsillar <u>28.0</u>
hematoma see Drainage, by site	pharyngeal space, lateral <u>27.0</u>
and Incision, by site	pilonidal cyst or sinus 86.03
hydrocephalic head(needling)(trocar)	pleura (closed) 34.04
73.8	open (by incision) 34.09
hypochondrium <u>54.0</u>	popliteal space 86.04
intra-abdominal <u>54.19</u>	postural <u>93.99</u>
iliac fossa <u>54.0</u>	postzygomatic space <u>27.0</u>
infratemporal fossa <u>27.0</u>	pseudocyst, pancreas <u>52.3</u>
intracranial space (epidural)	by anastomosis <u>52.4</u>
(extradural) (incision)	pterygopalatine fossa <u>27.0</u>
(trephination) <u>01.24</u>	retropharyngeal <u>28.0</u>
by aspiration <u>01.09</u>	scrotum 61.0
subarachnoid or subdural (incision)	skin <u>86.04</u>
(trephination) <u>01.31</u>	spinal (canal) (cord) <u>03.09</u>
by aspiration <u>01.09</u>	by anastomosis see Shunt, spinal
intraperitoneal <u>54.19</u>	diagnostic <u>03.31</u>
percutaneous <u>54.91</u>	spleen <u>41.2</u>
kidney (by incision) <u>55.01</u>	cyst (by marsupialization) 41.41
by	subarachnoid space, cerebral (incision)
anastomosis <u>55.86</u>	(trephination) <u>01.31</u>
catheter <u>59.8</u>	by aspiration <u>01.09</u>
pelvis (by incision) <u>55.11</u>	subcutaneous tissue <u>86.04</u>
liver <u>50.0</u>	subdiaphragmatic <u>54.19</u>
by aspiration <u>50.91</u>	percutaneous <u>54.91</u>
Ludwig's angina <u>27.0</u>	subdural space, cerebral (incision)
lung (by incision) 33.1	(trephination) <u>01.31</u>
by punch (needle) (trocar) <u>33.93</u>	by aspiration <u>01.09</u>
midpalmar space <u>82.04</u>	subhepatic space <u>54.19</u>
mouth floor 27.0	percutaneous <u>54.91</u>
mucocele, nasal sinus <u>22.00</u>	sublingual space <u>27.0</u>
by puncture 22.01	submental space <u>27.0</u>
through natural ostium <u>22.02</u>	subphrenic space <u>54.19</u>
omentum <u>54.19</u>	percutaneous 54.91
percutaneous <u>54.91</u>	supraclavicular fossa <u>86.04</u>
ovary (aspiration) <u>65.91</u>	temporal pouches <u>27.0</u>
by incision <u>65.09</u>	tendon (sheath) <u>83.01</u>
laparoscopic <u>65.01</u>	hand <u>82.01</u>
palmar space (middle) <u>82.04</u>	thenar space <u>82.04</u>
pancreas (by catheter) <u>52.01</u>	thorax (closed) <u>34.04</u>
by anastomosis <u>52.96</u>	open (by incision) <u>34.09</u>
parapharyngeal <u>28.0</u>	thyroglossal tract (by incision) <u>06.09</u>
paronychia <u>86.04</u>	by aspiration <u>06.01</u>
parotid space <u>27.0</u>	thyroid (field) (gland) (by incision) <u>06.09</u>
pelvic peritoneum (female) 70.12	by aspiration <u>06.01</u>
male <u>54.19</u>	postoperative <u>06.02</u>
pericardium <u>37.0</u>	tonsil <u>28.0</u>



DrainageCont.
tunica vaginalis 61.0
ureter (by catheter) 59.8
by
anastomosis NEC see also
Anastomosis, ureter 56.79
incision 56.2
ventricle (cerebral) (incision) NEC 02.39
by
anastomosis see Shunt,
ventricular
aspiration 01.09
through previously implanted
catheter 01.02
vertebral column 03.09
Drawing test 94.08
Dressing
burn <u>93.57</u>
ulcer <u>93.56</u>
wound <u>93.57</u>
Drilling
bone see also Incision, bone 77.10
ovary <u>65.99</u>
Drotrecogin alfa (activated),
infusion <u>00.11</u>
Ductogram, mammary 87.35
Duhamel operation
(abdominoperineal pull-through)
<u>48.65</u>
Duhrssen's
incisions (cervix, to assist delivery)
<u>73.93</u>
operation (vaginofixation of uterus)
<u>69.22</u>

Dunn operation (triple arthrodesis) 81.12
Duodenectomy <u>45.62</u>
with
gastrectomy see Gastrectomy
pancreatectomy see Pancreatectomy
Duodenocholedochotomy 51.51
Duodenoduodenostomy 45.91
proximal to distal segment 45.62
Duodenoileostomy <u>45.91</u>
Duodenojejunostomy <u>45.91</u>
Duodenorrhaphy <u>46.71</u>
Duodenoplasty <u>46.79</u>
Duodenoscopy 45.13
through stoma (artificial) 45.12
transabdominal (operative) 45.11
Duodenostomy <u>46.39</u>
Duodenotomy <u>45.01</u>
Dupuytren operation
fasciectomy <u>82.35</u>
fasciotomy <u>82.12</u>
with excision 82.35
shoulder disarticulation 84.08
Durabond <u>86.59</u>
Duraplasty <u>02.12</u>
Durham (-Caldwell) operation (transfer
of biceps femoris tendon) 83.75
DuToit and Roux operation (staple
capsulorrhaphy of shoulder) <u>81.82</u>
DuVries operation (tenoplasty) 83.88
Dwyer operation
fasciotomy <u>83.14</u>
soft tissue release NEC <u>83.84</u>
wedge osteotomy, calcaneus <u>77.28</u>

## Ε

E2F decoy <u>00.16</u>	ElectrocoagulationCont.
<b>Eagleton operation</b> (extrapetrosal drainage)	gasserian ganglion <u>04.02</u>
20.22	nasal turbinates 21.61
ECG see Electrocardiogram	nose, for epistaxis (with packing) 21.03
Echocardiography 88.72	ovary <u>65.29</u>
intracardiac (heart chambers) (ICE) 37.28	laparoscopic <u>65.25</u>
intravascular (coronary vessels) 00.24	prostatic bed 60.94
transesophageal 88.72	rectum (polyp) <u>48.32</u>
monitoring (Doppler)(ultrasound)89.68	radical 48.31
Echoencephalography 88.71	retina (for)
Echography see Ultrasonography	destruction of lesion 14.21
Echogynography 88.79	reattachment 14.51
Echoplacentogram 88.78	repair of tear 14.31
ECMO (extracorporeal membrane	round ligament 69.19
oxygenation) 39.65	semicircular canals 20.79
Eden-Hybinette operation (glenoid	urethrovesical junction,transurethral 57.49
bone block) 78.01	uterine ligament 69.19
Educational therapy (bed-bound	uterosacral ligament 69.19
children) (handicapped) 93.82	uterus 68.29
EEG (electroencephalogram) 89.14	vagina 70.33
	vulva <u>71.3</u>
monitoring (radiographic) (video) 89.19	Electrocochleography 20.31
Effler operation (heart) 36.2	Electroconication, cervix 67.32
Effleurage 93.39	Electroconvulsive therapy (ECT) 94.27
EGD (esophagogastroduodenoscopy) 45.13	
with closed biopsy 45.16	Electroencephalogram (EEG) 89.14
Eggers operation	monitoring (radiographic) (video) 89.19
tendon release (patellar retinacula) 83.13	Electrogastrogram 44.19
tendon transfer (biceps femoris tendon)	Electrokeratotomy 11.49
(hamstring tendon) 83.75	Electrolysis
<b>EKG</b> see also Electrocardiogram 89.52	ciliary body 12.71
Elastic hosiery 93.59	hair follicle 86.92
Electrocardiogram (with 12 or more leads)	retina (for)
89.52	destruction of lesion 14.21
with vectorcardiogram 89.53	reattachment 14.51
fetal (scalp), intrauterine 75.32	repair of tear 14.31
rhythm (with one to three leads) 89.51	skin <u>86.92</u>
Electrocautery see also Cauterization	subcutaneous tissue 86.92
cervix <u>67.32</u>	Electromyogram, electromyography (EMG)
corneal lesion (ulcer) 11.42	(muscle) <u>93.08</u>
esophagus <u>42.39</u>	eye <u>95.25</u>
endoscopic <u>42.33</u>	urethral sphincter 89.23
Electrocoagulation see also	Electronarcosis 94.29
Destruction, lesion, by site	Electronic gaiter 93.59
aneurysm (cerebral) (peripheral vessels)	Electronystagmogram (ENG) 95.24
39.52	Electro-oculogram (EOG) 95.22
cervix <u>67.32</u>	<b>Electroresection</b> see also Destruction,
cystoscopic <u>57.49</u>	lesion, by site
ear	bladder neck (transurethral) <u>57.49</u>
external 18.29	esophagus <u>42.39</u>
inner <u>20.79</u>	endoscopic <u>42.33</u>
middle <u>20.51</u>	prostate (transurethral) <u>60.29</u>
fallopian tube (lesion) <u>66.61</u>	stomach <u>43.49</u>
for tubal ligationsee Ligation,	endoscopic <u>43.41</u>
fallopian tube	Electroretinogram (ERG) <u>95.21</u>

Electroshock therapy (EST) 94.27 subconvulsive 94.26	Embolization (transcatheter)Cont. aorta (arch) (ascending) (descending)
Elevation	38.84
bone fragments (fractured)	duodenal (transcatheter) 44.44
orbit 76.79	gastric (transcatheter) 44.44
sinus (nasal)	head and neck NEC 38.82
frontal 22.79	intracranial NEC 38.81
maxillary <u>22.79</u>	lower limb 38.88
skull (with debridement) 02.02	renal (transcatheter) 38.86
spinal 03.53	thoracic NEC 38.85
pedicle graft 86.71	upper limb 38.83
Elliot operation (scleral trephination	AVM,intracranial,endovascular
with iridectomy) 12.61	approach39.72
Ellis Jones operation (repair of	carotid cavernous fistula 39.53
peroneal tendon) 83.88	chemoembolization 99.25
Ellison operation (reinforcement of	coil, endovascular 39.79
collateral ligament) 81.44	head and neck 39.72
	vein (selective) 38.80
Elmslie-Cholmeley operation (tarsal	by
wedge osteotomy) <u>77.28</u> Eloesser operation	endovascular approach <u>39.79</u>
	head and neck 39.72
thoracoplasty 33.34	abdominal NEC 38.87
thoracostomy 34.09	duodenal (transcatheter) 44.44
Elongation see Lengthening	gastric (transcatheter) 44.44
Embolectomy 38.00	duodenal (transcatheter) 44.44
with endarterectomy see Endarterectomy abdominal	gastric (transcatheter) 44.44
	Embryotomy 73.8
artery <u>38.06</u> vein 38.07	EMG see Electromyogram
aorta (arch) (ascending) (descending)	Emmet operation (cervix) 67.61
38.04	Encephalocentesis see also Puncture
	01.09
arteriovenous shunt or cannula 39.49 bovine graft 39.49	fetal head, transabdominal 73.8
head and neck NEC 38.02	· —
intracranial NEC 38.01	Encephalography (cisternal puncture) (fractional) (lumbar)
lower limb	(pneumoencephalogram) <u>87.01</u>
artery 38.08	Encephalopuncture 01.09
vein 38.09	Encircling procedure see also Cerclage
mechanical	sclera, for buckling 14.49
endovascular	with implant 14.41
head and neck 39.74	Endarterectomy (gas) (with patch graft) 38.10
pulmonary (artery) (vein) 38.05	abdominal 38.16
thoracic NEC 38.05	aorta (arch) (ascending) (descending) 38.14
upper limb (artery) (vein) 38.03	coronary artery see category 36.0
Embolization (transcatheter)	open chest approach 36.03
adhesive (glue) 39.79	head and neck (open) NEC 38.12
head and neck 39.72	· · · · —
arteriovenous fistula 39.53	Note: Also use <u>00.40, 00.41, 00.42, or</u>
endovascular 39.72	00.43 to show the total number of
artery (selective) 38.80	vessels treated. Use code <u>00.44</u>
by	once to show procedure on a
endovascular approach 39.79	bifurcated vessel. In addition, use
head and neck vessels 39.72	00.45, 00.46, 00.47, or 00.48 to
percutaneous transcatheter infusion	show the number of vascular stents
99.29	inserted.
abdominal NEC <u>38.86</u>	percutaneous approach,
duodenal (transcatheter) 44.44	intracranial vessel(s) 00.62
gastric (transcatheter) 44.44	percutaneous approach, precerebral
renal (transcatheter) 38.86	(extracranial) vessel(s) <u>00.61</u>
Tenai (transcatheter) Jo.00	(Extractallial) VESSEI(S) UU.UT

EndarterectomyCont.	EndoscopyCont.
intracranial (open) NEC <u>38.11</u>	esophagus NEC <u>42.23</u>
Note: Also use 00.40, 00.41, 00.42, or	through stoma (artificial) <u>42.22</u>
00.43 to show the total number	transabdominal (operative) <u>42.21</u>
of vessels treated. Use code	ileum <u>45.13</u>
	through stoma (artificial) <u>45.12</u>
00.44 once to show procedure	transabdominal (operative) 45.11
on a bifurcated vessel. In	intestine NEC <u>45.24</u>
addition, use <u>00.45, 00.46,</u>	large <u>45.24</u>
00.47, or 00.48 to show the	fiberoptic (flexible) 45.23
number of vascular stents	through stoma (artificial) 45.22
inserted.	transabdominal (intraoperative) 45.21
percutaneous approach, intracranial	small 45.13
vessel(s) 00.62	esophagogastroduodenosopy (EGD)
lower limb 38.18	45.13
thoracic NEC 38.15	with closed biopsy 45.16
upper limb 38.13	through stoma (artificial) 45.12
Endoaneurysmorrhaphy see also	transabdominal (operative) 45.11
Aneurysmorrhaphy 39.52	jejunum <u>45.13</u>
by or with	through stoma (artificial) 45.12
endovascular graft	transabdominal (operative) 45.11
abdominal aorta 39.71	kidney 55.21
lower extremity artery(s) 39.79	larynx 31.42
thoracic aorta 39.73	through stoma (artificial) 31.41
upper extremity artery(s) 39.79	lung see Bronchoscopy
Endolymphatic (-subarachnoid) shunt	mediastinum (transpleural) 34.22
20.71	nasal sinus 22.19
Endometrectomy (uterine) (internal) 68.29	nose 21.21
bladder 57.59	pancreatic duct 52.13
cul-de-sac 70.32	pelvis 55.22
Endoprosthesis	peritoneum 54.21
bile duct 51.87	pharynx 29.11
femoral head (bipolar) 81.52	rectum 48.23
Endoscopy	through stoma (artificial) 48.22
with biopsy see Biopsy, by site, closed	transabdominal (operative) 48.21
anus 49.21	sinus, nasal 22.19
	stomach NEC 44.13
biliary tract (operative) <u>51.11</u> by retrograde cholangiography (ERC)	through stoma (artificial) 44.12
51.11	transabdominal (operative) 44.11
by retrograde cholangiopancreatography	thorax (transpleural) 34.21
(ERCP) 51.10	trachea NEC 31.42
intraoperative 51.11	through stoma (artificial) 31.41
percutaneous (via T-tube or other tract)	transpleural
51.98	mediastinum 34.22
with removal of common duct stones	thorax 34.21
51.96	ureter 56.31
bladder <u>57.32</u>	urethra 58.22
through stoma (artificial) <u>57.31</u>	uterus 68.12
bronchus NEC 33.23	vagina 70.21
with biopsy 33.24	Enema (transanal) NEC <u>96.39</u>
fiberoptic 33.22	for removal of impacted feces 96.38
through stoma (artificial) 33.21	ENG (electronystagmogram) 95.24
	Enlargement
colon <u>45.23</u> through stoma (artificial) 45.22	aortic lumen, thoracic 38.14
transabdominal (operative) 45.21	atrial septal defect (pre-existing) 35.41
	in repair of total anomalous pulmonary
cul-de-sac <u>70.22</u>	venous connection 35.82
ear <u>18.11</u>	eye socket 16.64
	eye socket <u>10.04</u>

Cularmament Court	
EnlargementCont	
foramen ovale (pre-existing) 35.41	
in repair of total anomalous pulmonary	
venous connection 35.82	
intestinal stoma <u>46.40</u>	
large intestine <u>46.43</u>	
small intestine <u>46.41</u>	
introitus <u>96.16</u>	
orbit (eye) 16.64	
palpebral fissure 08.51	
punctum 09.41	
sinus tract (skin) 86.89	
Enterectomy NEC 45.63	
Enteroanastomosis	
large-to-large intestine 45.94	
small-to-large intestine 45.93	
small-to-small intestine 45.91	
Enterocelectomy 53.9	
, <u> </u>	
female <u>70.92</u>	
vaginal <u>70.92</u>	
Enterocentesis <u>45.00</u>	
duodenum <u>45.01</u>	
large intestine 45.03	
small intestine NEC <u>45.02</u>	
Enterocholecystostomy 51.32	
Enteroclysis (small bowel) 96.43	
Enterocolectomy NEC <u>45.79</u>	
Enterocolostomy <u>45.93</u>	
Enteroentectropy <u>46.99</u>	
Enteroenterostomy <u>45.90</u>	
small-to-large intestine 45.93	
small-to-small intestine <u>45.91</u>	
Enterogastrostomy 44.39	
laparoscopic 44.38	
Enterolithotomy 45.00	
Enterolysis 54.59	
laparoscopic <u>54.51</u>	
Enteropancreatostomy 52.96	
Enterorrhaphy 46.79	
large intestine 46.75	
small intestine 46.73	
Enterostomy NEC 46.39	
cecum see also Colostomy 46.10	
colon (transverse) see also Colostomy	
46.10	
loop 46.03	
delayed opening 46.31	
duodenum 46.39	
loop 46.01	
feeding NEC 46.39	
percutaneous (endoscopic) 46.32	
ileum (Brooke) (Dragstedt) 46.20	
loop <u>46.01</u>	
jejunum (feeding) <u>46.39</u>	
loop <u>46.01</u>	
percutaneous (endoscopic) 46.32	
sigmoid colon see also Colostomy <u>46.10</u>	
loop <u>46.03</u>	

Enterostomy NECCont
transverse colon see also Colostomy
<u>46.10</u>
loop <u>46.03</u>
Enterotomy 45.00
large intestine 45.03
small intestine 45.02
Enucleationsee also Excision, lesion, by site
cyst
broad ligament 69.19
dental 24.4
liver 50.29
ovarian 65.29
laparoscopic 65.25
parotid gland 26.29
salivary gland <u>26.29</u>
skin <u>86.3</u>
subcutaneous tissue <u>86.3</u>
eyeball <u>16.49</u>
with implant(into Tenon's capsule)
<u>16.42</u>
with attachment of muscles <u>16.41</u>
EOG (electro-oculogram) 95.22
Epicardiectomy <u>36.39</u>
Epididymectomy 63.4
with orchidectomy (unilateral) 62.3
bilateral <u>62.41</u>
Epididymogram <u>87.93</u>
Epididymoplasty 63.59
Epididymorrhaphy 63.81
Epididymotomy 63.92
Epididymovasostomy 63.83
Epiglottidectomy 30.21
Epikeratophakia 11.76
Epilation
eyebrow (forceps) 08.93
cryosurgical 08.92
electrosurgical 08.91
eyelid (forceps) NEC 08.93
cryosurgical 08.92
electrosurgical 08.91
skin 86.92
Epiphysiodesissee also Arrest, bone
growth see category 78.2
Epiphysiolysis see also Arrest, bone
growth see category 78.2
Epiploectomy 54.4
Epiplopexy 54.74
Epiploreky <u>54.74</u> Epiplorrhaphy <u>54.74</u>
Episioperineoplasty 71.79
Episioperineophasty 71.73 Episioperineorrhaphy 71.71
obstetrical 75.69
Episioplasty 71.79 Episioprostotomy 73.6
Episioproctotomy 73.6
Episiorrhaphy 71.71
following routine episiotomy
see Episiotomy for obstetrical
laceration 75.69

<b>Episiotomy</b> (with subsequent episiorrhaphy)	Esophagoenterostomy (intrathoracic) NEC
<u>73.6</u>	see also Anastomosis, esophagus, to
high forceps 72.31	intestinal segment 42.54
low forceps 72.1	antesternal or antethoracic see also
mid forceps $\overline{72.21}$	Anastomosis, esophagus, antesternal,
nonobstetrical 71.09	to intestinal segment 42.64
outlet forceps 72.1	Esophagoesophagostomy (intrathoracic)
EPS (electrophysiologic stimulation)	42.51
as part of intraoperative testing - omit code	antesternal or antethoracic 42.61
catheter based invasive electrophysiologic	Esophagogastrectomy 43.99
testing 37.26	Esophagogastroduodenoscopy (EGD) 45.13
device interrogation only without	with closed biopsy 45.16
arrhythmia induction (bedside check)	through stoma (artificial) 45.12
89.45-89.49	transabdominal (operative) 45.11
noninvasive programmed electrical	Esophagogastromyotomy 42.7
stimulation (NIPS) 37.20	Esophagogastromyotomy 42.7 Esophagogastropexy 44.65
Eptifibatide, infusion 99.20	Esophagogastropexy 44.65
Equalization, leg	Esophagogastroscopy NEC 44.13
	through stoma (artificial) 44.12
lengthening see category 78.3	transabdominal (operative) 44.11
shortening see category 78.2	
Equilibration (occlusal) 24.8	Esophagogastrostomy (intrathoracic) 42.52
Equiloudness balance 95.43	with partial gastrectomy 43.5
ERC (endoscopic retrograde	antesternal or antethoracic 42.62
cholangiography) 51.11	Esophagoileostomy(intrathoracic)NEC <u>42.54</u>
ERCP (endoscopic retrograde	with interposition of small bowel 42.53
cholangiopancreatography) 51.10	antesternal or antethoracic NEC 42.64
cannulation of pancreatic duct <u>52.93</u>	with interposition of small bowel 42.63
ERG (electroretinogram) 95.21	Esophagojejunostomy(intrathoracic) NEC <u>42.54</u>
ERP (endoscopic retrograde	with
pancreatography) 52.13	complete gastrectomy <u>43.99</u> interposition of small bowel <u>42.53</u>
Eruption, tooth, surgical 24.6	antesternal or antethoracic NEC 42.64
Erythrocytapheresis, therapeutic 99.73	with interposition of small bowel 42.63
Escharectomy 86.22 Escharotomy 86.09	Esophagomyotomy 42.7
Esophageal voice training	Esophagoniyotomy 42.7 Esophagoplasty NEC 42.89
(postlaryngectomy) 93.73	Esophagorrhaphy 42.82
Esophagectomy 42.40	Esophagoscopy NEC 42.23
abdominothoracocervical (combined)	by incision (operative) 42.21
(synchronous) 42.42	with closed biopsy 42.24
partial or subtotal 42.41	through stoma (artificial) 42.22
total 42.42	transabdominal (operative) 42.21
Esophagocologastrostomy (intrathoracic)	Esophagostomy 42.10
42.55	cervical 42.11
antesternal or antethoracic 42.65	thoracic 42.19
Esophagocolostomy(intrathoracic)NEC42.56	Esophagotomy NEC 42.09
with interposition of colon 42.55	Estes operation (ovary) 65.72
antesternal or antethoracic NEC 42.66	laparoscopic 65.75
with interposition of colon 42.65	Estlander operation (thoracoplasty) 33.34
Esophagoduodenostomy(intrathoracic)NEC	ESWL (extracorporeal shockwave lithotripsy)
42.54	NEC 98.59
with	bile duct 98.52
complete gastrectomy <u>43.99</u>	bladder 98.51
interposition of small bowel 42.53	gallbladder 98.52
interposition of sinuli bower 12.55	kidney 98.51
	Kock pouch (urinary diversion) 98.51
	renal pelvis 98.51
	specified site NEC 98.59
	ureter 98.51



Ethmoidectomy <u>22.63</u>	<b>Examination</b> (for) <i>Cont.</i>
Ethmoidotomy 22.51	dental (oral mucosa) (peridontal) <u>89.31</u>
Evacuation	radiographic NEC <u>87.12</u>
abscess see Drainage, by site	enterostomy stoma (digital) 89.33
anterior chamber (eye) (aqueous)	eye 95.09
(hyphema) 12.91	color vision 95.06
cyst see also Excision, lesion, by site	comprehensive 95.02
breast 85.91	dark adaptation 95.07
kidney 55.01	limited (with prescription of
liver <u>50.29</u>	spectacles) <u>95.01</u>
hematoma see also Incision, hematoma	under anesthesia <u>95.04</u>
obstetrical <u>75.92</u>	fetus, intrauterine <u>75.35</u>
incisional <u>75.91</u>	general physical <u>89.7</u>
hemorrhoids (thrombosed) 49.47	glaucoma <u>95.03</u>
pelvic blood clot (by incision) <u>54.19</u>	gynecological <u>89.26</u>
by	hearing <u>95.47</u>
culdocentesis 70.0	microscopic (specimen) (of) 91.9
culdoscopy 70.22	
retained placenta	Note Use the following fourth-digit
with curettage 69.02	subclassification with categories 90-91
manual 75.4	to identify type of examination:
streptothrix from lacrimal duct 09.42	1 bacterial smear
Evaluation (of)	2 culture
	3 culture and sensitivity
audiological 95.43	
cardiac rhythm device (CRT-D) (CRT-P)	4 parasitology
(AICD) (pacemaker) - see Interrogation	5 toxicology
criminal responsibility, psychiatric <u>94.11</u>	6 cell block and Papanicolaou smear
functional (physical therapy) <u>93.01</u>	9 other microscopic examination
hearing NEC <u>95.49</u>	
orthotic (for brace fitting) <u>93.02</u>	adenoid <u>90.3</u>
prosthetic (for artificial limb fitting) 93.03	adrenal gland <u>90.1</u>
psychiatric NEC 94.19	amnion <u>91.4</u>
commitment 94.13	anus <u>90.9</u>
psychologic NEC 94.08	appendix <u>90.9</u>
testimentary capacity, psychiatric 94.11	bile ducts <u>91.0</u>
Evans operation (release of clubfoot) 83.84	bladder 91.3
Evisceration	blood 90.5
eyeball 16.39	bone 91.5
with implant (into scleral shell) 16.31	marrow <u>90.6</u>
	brain 90.0
ocular contents 16.39	breast 91.6
with implant (into scleral shell) 16.31	bronchus 90.4
orbit see also Exenteration, orbit 16.59	bursa 91.5
pelvic (anterior) (posterior) (partial) (total)	cartilage 91.5
(female) <u>68.8</u>	
male <u>57.71</u>	cervix <u>91.4</u>
Evulsion	chest wall 90.4
nail (bed) (fold) <u>86.23</u>	chorion 91.4
skin 86.3	colon <u>90.9</u>
subcutaneous tissue 86.3	cul-de-sac <u>91.1</u>
Examination (for)	dental <u>90.8</u>
breast	diaphragm <u>90.4</u>
manual 89.36	duodenum <u>90.8</u>
radiographic NEC <u>87.37</u>	ear 90.3
thermographic 88.85	endocrine gland NEC <u>90.1</u>
	esophagus 90.8
ultrasonic 88.73	eye 90.2
cervical rib (by x-ray) 87.43	fallopian tube 91.4
colostomy stoma (digital) <u>89.33</u>	
	fascia 91.5
	female genital tract <u>91.4</u>

Franciscotion (fau) Cont	Function (for) Cont
Examination (for)Cont.	Examination (for)Cont.
fetus 91.4	tonsil <u>90.3</u>
gallbladder <u>91.0</u>	trachea 90.4
hair <u>91.6</u>	ureter 91.2
ileum <u>90.9</u>	urethra <u>91.3</u>
jejunum <u>90.9</u>	urine <u>91.3</u>
joint fluid 91.5	uterus <u>91.4</u>
kidney 91.2	vagina <u>91.4</u>
large intestine 90.9	vas deferens <u>91.3</u>
larynx <u>90.3</u>	vomitus 90.8
ligament <u>91.5</u>	vulva <u>91.4</u>
liver <u>91.0</u>	neurologic <u>89.13</u>
lung <u>90.4</u>	neuro-ophthalmology <u>95.03</u>
lymph (node) <u>90.7</u>	ophthalmoscopic <u>16.21</u>
meninges <u>90.0</u>	panorex, mandible <u>87.12</u>
mesentery <u>91.1</u>	pelvic (manual) <u>89.26</u>
mouth <u>90.8</u>	instrumental (by pelvimeter) <u>88.25</u>
muscle <u>91.5</u>	pelvimetric <u>88.25</u>
musculoskeletal system <u>91.5</u>	physical, general <u>89.7</u>
nails <u>91.6</u>	postmortem <u>89.8</u>
nerve 90.0	rectum (digital) 89.34
nervous system 90.0	endoscopic 48.23
nose 90.3	through stoma (artificial) 48.22
omentum 91.1	transabdominal 48.21
operative wound 91.7	retinal disease 95.03
ovary <u>91.4</u>	specified type (manual) NEC 89.39
pancreas <u>91.0</u>	thyroid field, postoperative $06.02$
parathyroid gland <u>90.1</u>	uterus (digital) 68.11
penis 91.3	endoscopic 68.12
perirenal tissue 91.2	vagina 89.26
peritoneum (fluid) 91.1	endoscopic 70.21
periureteral tissue 91.2	visual field 95.05
perivesical (tissue) 91.3	Exchange transfusion 99.01
pharynx 90.3	intrauterine 75.2
	Excision
pineal gland 90.1	
pituitary gland 90.1	aberrant tissue see Excision, lesion,
placenta 91.4	by site of tissue origin
pleura (fluid) 90.4	abscess see Excision, lesion, by site
prostate 91.3	accessory tissue see also Excision,
rectum 90.9	lesion, by site of tissue origin
retroperitoneum <u>91.1</u>	lung <u>32.29</u>
semen <u>91.3</u>	endoscopic <u>32.28</u>
seminal vesicle <u>91.3</u>	spleen <u>41.93</u>
sigmoid <u>90.9</u>	adenoids (tag) <u>28.6</u>
skin <u>91.6</u>	with tonsillectomy 28.3
small intestine <u>90.9</u>	adenoma see Excision, lesion, by site
specified site NEC <u>91.8</u>	adrenal glandsee also Adrenalectomy <u>07.2</u>
spinal fluid <u>90.0</u>	ampulla of Vater (with reimplantation of
spleen <u>90.6</u>	common duct) <u>51.62</u>
sputum <u>90.4</u>	anal papilla <u>49.39</u>
stomach <u>90.8</u>	endoscopic <u>49.31</u>
stool <u>90.9</u>	aneurysm (arteriovenous) see also
synovial membrane <u>91.5</u>	Aneurysmectomy <u>38.60</u>
tendon <u>91.5</u>	coronary artery <u>36.91</u>
thorax NEC 90.4	heart <u>37.32</u>
throat 90.3	myocardium 37.32
thymus 90.1	sinus of Valsalva 35.39
thyroid gland <u>90.1</u>	ventricle (heart) 37.32

ExcisionCont.	ExcisionCont.
anus (complete) (partial) 49.6	breast see also
aortic subvalvular ring 35.35	aberrant tissu
apocrine gland 86.3	accessory <u>85</u> .
aponeurosis 83.42	ectopic <u>85.24</u>
hand 82.33	nipple 85.25
appendiceal stump 47.09	accessory 8
laparoscopic 47.01	segmental 85
appendices epiploicae 54.4	supernumerai
appendix see also Appendectomy	wedge 85.21
epididymis 63.3	broad ligament
testis 62.2	bronchogenic cy
arcuate ligament (spine) omit code	endoscopic 3
arteriovenous fistula see also	bronchus (wide
Aneurysmectomy 38.60	buccal mucosa 2
artery see also Arteriectomy 38.60	bulbourethral gl
Baker's cyst, knee 83.39	bulbous tuberos
Bartholin's gland 71.24	(fibrous) (os
basal ganglion 01.59	bunion see als
bile duct 51.69	bunionette (with
endoscopic 51.64	bursa 83.5
bladder see also Cystectomy	hand 82.31
bleb (emphysematous), lung 32.29	canal of Nuck 69
endoscopic 32.28	cardioma 37.33
blood vessel see also Angiectomy	carotid body (les
38.60	cartilage see a
bone (ends) (partial), except facial	intervertebral
see category <u>77.8</u>	knee (semilun
facial NEC 76.39	larynx 30.29
total 76.45	nasal (submu
with reconstruction 76.44	caruncle, urethr
for graft (autograft) (homograft)	endoscopic <u>5</u>
see category 77.7	cataractsee als
fragments (chips) see also Incision,	secondary me
bone 77.10	cervical
joint see also Arthrotomy <u>80.10</u>	rib <u>77.91</u>
necrotic see also Sequestrectomy,	stump <u>67.4</u>
bone <u>77.00</u>	cervix (stump) N
heterotopic, from	cold (knife) 6
muscle <u>83.32</u>	conization <u>67</u>
hand <u>82.22</u>	cryoconizatio
skin <u>86.3</u>	electroconiza
tendon <u>83.31</u>	chalazion (multi
hand <u>82.21</u>	cholesteatoma
mandible <u>76.31</u>	choroid plexus (
with arthrodesis see Arthrodesis	cicatrix (skin) <u>86</u>
total <u>76.42</u>	cilia base <u>08.20</u>
with reconstruction 76.41	ciliary body, pro
spur see Excision, lesion, bone	clavicle (head) (p
total, except facial see category <u>77.9</u>	total (complet
facial NEC <u>76.45</u>	clitoris <u>71.4</u>
with reconstruction 76.44	coarctation of a
mandible <u>76.42</u>	anastomosis
with reconstruction 76.41	with
brain <u>01.59</u>	graft replac
hemisphere <u>01.52</u>	abdom
lobe <u>01.53</u>	thoracic <u>3</u>
branchial cleft cyst or vestige 29.2	thoracoab

veision Cont
xcisionCont.
breast see also Mastectomy <u>85.41</u>
aberrant tissue 85.24
accessory 85.24
ectopic 85.24
nipple <u>85.25</u>
accessory 85.24
segmental 85.23
supernumerary <u>85.24</u>
wedge <u>85.21</u>
broad ligament 69.19
bronchogenic cyst 32.09
endoscopic 32.01
bronchus (wide sleeve) NEC 32.1
buccal mucosa 27.49
bulbourethral gland 58.92
bulbous tuberosities (mandible) (maxilla)
(fibrous) (osseous) 24.31
bunion see also Bunionectomy 77.59
bunionette (with osteotomy) 77.54
bursa <u>83.5</u>
hand 82.31
canal of Nuck 69.19
cardioma 37.33
carotid body (lesion) (partial) (total) 39.8
cartilage see also Chondrectomy 80.90
intervertebral see category <u>80.5</u>
knee (semilunar) <u>80.6</u> larynx 30.29
nasal (submucous) 21.5
caruncle, urethra 58.39
endoscopic <u>58.31</u> cataractsee also Extraction,cataract <u>13.19</u>
secondary membrane (after cataract) 13.65
cervical
rib 77.91
stump 67.4
cervix (stump) NEC <u>67.4</u>
cold (knife) 67.2
conization 67.2
cryoconization 67.33
electroconization 67.32
chalazion (multiple) (single) 08.21
cholesteatomasee Excision, lesion, by site
choroid plexus <u>02.14</u>
cicatrix (skin) <u>86.3</u>
cilia base <u>08.20</u>
ciliary body, prolapsed 12.98
clavicle (head) (partial) 77.81
total (complete) 77.91
clitoris 71.4
coarctation of aorta (end-to-end
anastomosis) 38.64
with
graft replacement (interposition)
abdominal 38.44
thoracic 38.45
thoracoahdominal 38 45 [38 44]

ExcisionCont.	Excision -cystCont.
common	vagina (Gartner's duct) 70.33
duct <u>51.63</u>	cystic
wall between posterior and coronary	duct remnant 51.61
sinus (with roofing or resultant	hygroma <u>40.29</u>
defect with patch graft) 35.82	dentinoma <u>24.4</u>
condyle see category 77.8	diaphragm 34.81
mandible 76.5	disc, intervertebral NOS <u>80.50</u>
conjunctival ring 10.31	herniated (nucleus pulposus) 80.51
cornea <u>11.49</u>	other specified (diskectomy) 80.51
epithelium(with chemocauterization)	diverticulum
11.41	ampulla of Vater <u>51.62</u>
for smear or culture 11.21	anus <u>49.39</u>
costal cartilage 80.99	endoscopic 49.31
cul-de-sac (Douglas') 70.92	bladder 57.59
cusp, heart valve 35.10	transurethral 57.49
aortic 35.11	duodenum 45.31
mitral 35.12	endoscopic 45.30
tricuspid 35.14	esophagus (local) 42.31
cyst see also Excision, lesion, by site	endoscopic 42.33
apical (tooth) 23.73	hypopharyngeal (by cricopharyngeal
with root canal therapy 23.72	myotomy) 29.32
Baker's (popliteal) 83.39	intestine
breast 85.21	large 45.41
broad ligament 69.19	endoscopic 45.43
bronchogenic 32.09	small NEC 45.33
endoscopic 32.01	Meckel's 45.33
cervix <u>67.39</u>	pharyngeal (by cricopharyngeal
dental 24.4	myotomy) 29.32
dentigerous 24.4	pharyngoesophageal (by
epididymis 63.2	cricopharyngeal myotomy) <u>29.32</u>
fallopian tube 66.61	stomach 43.42
Gartner's duct 70.33	endoscopic 43.41
hand <u>82.29</u>	urethra 58.39
labia 71.3	endoscopic <u>58.31</u>
lung 32.29	ventricle, heart 37.33
endoscopic 32.28	duct
mesonephric duct 69.19	mullerian 69.19
Morgagni	paramesonephric 69.19
female <u>66.61</u>	thyroglossal (with resection of hyoid
male 62.2	bone) 06.7
mullerian duct 60.73	ear, external (complete) NEC <u>18.39</u>
nasolabial 27.49	partial 18.29
nasopalatine 27.31	radical 18.31
by wide excision 27.32	ectopic
	abdominal fetus 74.3
ovary 65.29	tissue see also Excision, lesion,
laparoscopic <u>65.25</u> parovarian 69.19	by site of tissue origin
pericardium <u>37.31</u> periodontal (apical) (lateral) <u>24.4</u>	bone, from muscle <u>83.32</u> breast 85.24
popliteal (Baker's), knee <u>83.39</u> radicular 24.4	lung <u>32.29</u>
	endoscopic 32.28
spleen 41.42	spleen 41.93
synovial (membrane) 83.39	empyema pocket, lung <u>34.09</u>
thyroglossal (with resection of hyoid	epididymis <u>63.4</u>
bone) <u>06.7</u>	epiglottis 30.21
urachal (bladder) 57.51	epithelial downgrowth, anterior
abdominal wall <u>54.3</u>	chamber (eye) <u>12.93</u>



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ExcisionCont.	ExcisionCont.
epulis (gingiva) <u>24.31</u>	hematoma see Drainage, by site
esophagus see also Esophagectomy	hemorrhoids(external)(internal) (tag) <u>49.46</u>
<u>42.40</u>	heterotopic bone, from
exostosis see also Excision, lesion,	muscle 83.32
bone <u>77.60</u>	hand 82.22
auditory canal, external 18.29	skin 86.3
facial bone 76.2	tendon 83.31
first metatarsal (hallux valgus repair)	hand 82.21
see Bunionectomy	hydatid of Morgagni
eye 16.49	female 66.61
with implant(into Tenon's capsule)	male 62.2
16.42	hydatid cyst, liver 50.29
with attachment of muscles 16.41	hydrocele
eyelid 08.20	canal of Nuck (female) 69.19
redundant skin 08.86	male 63.1
falciform ligament 54.4	round ligament 69.19
fallopian tube see Salpingectomy	spermatic cord 63.1
fascia <u>83.44</u>	tunica vaginalis 61.2
for graft <u>83.43</u>	hygroma, cystic 40.29
hand <u>82.34</u>	hymen (tag) <u>70.31</u>
hand <u>82.35</u>	hymeno-urethral fusion 70.31
for graft <u>82.34</u>	intervertebral disc see Excision, disc,
fat pad NEC <u>86.3</u>	intervertebral (NOS) <u>80.50</u>
knee (infrapatellar) (prepatellar) <u>86.3</u>	intestinesee also Resection,intestine 45.8
scalene <u>40.21</u>	for interposition <u>45.50</u>
fibroadenoma, breast <u>85.21</u>	large <u>45.52</u>
fissure, anus <u>49.39</u>	small <u>45.51</u>
endoscopic <u>49.31</u>	large (total) <u>45.8</u>
fistula see also Fistulectomy	for interposition 45.52
anal <u>49.12</u>	local <u>45.41</u>
arteriovenous see also	endoscopic <u>45.43</u>
Aneurysmectomy 38.60	segmental <u>45.79</u>
ileorectal 46.74	multiple <u>45.71</u>
lacrimal	small (total) 45.63
gland <u>09.21</u>	for interposition 45.51
sac 09.6	local 45.33
rectal <u>48.73</u>	partia <mark>l 45.6</mark> 2
vesicovaginal <u>57.84</u>	segmental 45.62
frenulum, frenum	multiple <u>45.61</u>
labial (lip) 27.41	intraductal papilloma 85.21
lingual (tongue) 25.92	iris prolapse 12.13
ganglion (hand) (tendon sheath) (wrist)	joint see also Arthrectomy 80.90
82.21	keloid (scar), skin <u>86.3</u>
gasserian <u>04.05</u>	labia see Vulvectomy
site other than hand or nerve 83.31	lacrimal
sympathetic nerve 05.29	gland <u>09.20</u>
	partial <u>09.22</u>
trigeminal nerve <u>04.05</u>	
gastrocolic ligament <u>54.4</u>	total <u>09.23</u>
gingiva 24.31	passage <u>09.6</u>
glomus jugulare tumor <u>20.51</u>	sac <u>09.6</u>
goiter see Thyroidectomy	lesion (local)
gum <u>24.31</u>	abdominal wall <u>54.3</u>
hallux valgus see also Bunionectomy	accessory sinus see Excision, lesion,
with prosthetic implant <u>77.59</u>	nasal sinus
hamartoma, mammary <u>85.21</u>	adenoids <u>28.92</u>
heart assist system - see Removal	adrenal gland(s) <u>07.21</u>
hematocele, tunica vaginalis 61 92	alveolus 24 4

Excision -lesionCont.	Excision -lesion -boneCont.
ampulla of Vater <u>51.62</u>	phalanges (foot) (hand) <u>77.69</u>
anterior chamber (eye) NEC <u>12.40</u>	radius <u>77.63</u>
anus <u>49.39</u>	scapula <u>77.61</u>
endoscopic <u>49.31</u>	skull <u>01.6</u>
apocrine gland 86.3	specified site NEC <u>77.69</u>
artery <u>38.60</u>	tarsal, metatarsal <u>77.68</u>
abdominal 38.66	thorax (ribs) (sternum) <u>77.61</u>
aorta (arch) (ascending) (descending	tibia <u>77.67</u>
thoracic) <u>38.64</u>	ulna <u>77.63</u>
with end-to-end anastomosis 38.45	vertebrae 77.69
abdominal 38.44	brain(transtemporal approach)NEC
thoracic 38.45	01.59
thoracoabdominal 38.45 [38.44]	by stereotactic radiosurgery 92.30
with graft interposition graft	cobalt 60 <u>92.32</u>
replacement 38.45	linear accelerator (LINAC) 92.31
abdominal 38.44	multi-source 92.32
thoracic 38.45	particle beam 92.33
thoracoabdominal 38.45 [38.44]	particulate 92.33
head and neck NEC 38.62	radiosurgery NEC <u>92.39</u>
intracranial NEC 38.61	single source photon <u>92.31</u>
lower limb 38.68	breast (segmental) (wedge) <u>85.21</u>
thoracic NEC 38.65	broad ligament 69.19
upper limb 38.63	bronchus NEC 32.09
atrium 37.33	endoscopic 32.01
auditory canal or meatus, external 18.29	cerebral (cortex) NEC 01.59
radical 18.31	meninges <u>01.51</u>
auricle, ear <u>18.29</u>	cervix (myoma) 67.39
radical <u>18.31</u>	chest wall 34.4
biliary ducts 51.69	choroid plexus 02.14
endoscopic 51.64	ciliary body 12.44
bladder (transurethral) 57.49	colon 45.41
open <u>57.59</u>	endoscopic NEC 45.43
suprapubic 57.59	polypectomy 45.42
blood vessel 38.60	conjunctiva 10.31
abdominal	cornea 11.49
artery <u>38.66</u>	cranium 01.6
vein 38.67	cul-de-sac (Douglas') 70.32
aorta (arch) (ascending) (descending)	dental (jaw) 24.4
38.64	diaphragm 34.81
head and neck NEC 38.62	duodenum (local) 45.31
intracranial NEC 38.61	endoscopic 45.30
lower limb	ear, external 18.29
artery <u>38.68</u>	radical 18.31
vein 38.69	endometrium 68.29
thoracic NEC 38.65	epicardium 37.31
upper limb (artery) (vein) 38.63	epididymis 63.3
bone 77.60	epiglottis 30.09
carpal, metacarpal 77.64	esophagus NEC 42.32
clavicle 77.61	endoscopic 42.33
facial <u>76.2</u>	eye, eyeball 16.93
femur <u>77.65</u>	anterior segment NEC 12.40
fibula 77.67	eyebrow (skin) <u>08.20</u>
humerus 77.62	eyelid <u>08.20</u>
jaw <u>76.2</u>	by
dental 24.4	halving procedure 08.24
patella <u>77.66</u>	wedge resection <u>08.24</u>
pelvic <u>77.69</u>	



Excision -lesion -eyelidCont.	Excision -lesionCont.
major	lung NEC <u>32.29</u>
full-thickness <u>08.24</u>	by lung volume reduction surgery
partial-thickness <u>08.23</u>	32.22
minor 08.22	biologic lung volume reduction
fallopian tube 66.61	(BLVR) - see category <u>33.7</u>
fascia 83.39	by wide excision 32.3
hand <u>82.29</u>	endoscopic 32.28
groin region (abdominal wall)	lymph structure(s) (channel) (vessel)
(inguinal) <u>54.3</u>	NEC 40.29
skin 86.3	node see Excision, lymph, node
subcutaneous tissue 86.3	mammary duct 85.21
gum <u>24.31</u>	mastoid (bone) 20.49
heart <u>37.33</u>	mediastinum 34.3
hepatic duct 51.69	meninges (cerebral) 01.51
inguinal canal 54.3	spinal <u>03.4</u>
intestine	mesentery 54.4
large <u>45.41</u>	middle ear 20.51
endoscopic NEC <u>45.43</u>	mouth NEC 27.49
polypectomy 45.42	muscle <u>83.32</u>
small NEC 45.33	hand 82.22
intracranial NEC <u>01.59</u>	ocular <u>15.13</u>
intranasal 21.31	myocardium <u>37.33</u>
intraspinal <u>03.4</u>	nail <u>86.23</u>
iris 12.42	nasal sinus <u>22.60</u>
jaw <u>76.2</u>	antrum <u>22.62</u>
dental <u>24.4</u>	with Caldwell-Luc approach 22.61
joint 80.80	specified approach NEC <u>22.62</u>
ankle <u>80.87</u>	ethmoid <u>22.63</u>
elbow <u>80.82</u>	frontal <u>22.42</u>
foot and toe 80.88	maxillary <u>22.62</u>
hand and finger <u>80.84</u>	with Caldwell-Luc approach 22.61
hip <u>80.85</u>	specified approach NEC <u>22.62</u>
knee <u>80.86</u>	sphenoid <u>22.64</u>
shoulder <u>80.81</u>	nasopharynx <u>29.3</u>
specified site NEC <u>80.89</u>	nerve (cranial) (peripheral) <u>04.07</u>
spine <u>80.89</u>	sympathetic <u>05.29</u>
wrist <u>80.83</u>	nonodontogenic <u>24.31</u>
kidney <u>55.39</u>	nose <u>21.30</u>
with partial nephrectomy <u>55.4</u>	intranasal <u>21.31</u>
labia <u>71.3</u>	polyp <u>21.31</u>
lacrimal	skin <u>21.32</u>
gland (frontal approach) <u>09.21</u>	specified site NEC 21.32
passage <u>09.6</u>	odontogenic <u>24.4</u>
sac <u>09.6</u>	omentum <u>54.4</u>
larynx <u>30.09</u>	orbit 16.92
ligament (joint) see also Excision,	ovary <u>65.29</u>
lesion, joint 80.80	by wedge resection <u>65.22</u>
broad <u>69.19</u>	laparoscopic <u>65.24</u>
round <u>69.19</u>	that by laparoscope <u>65.25</u>
uterosacral <u>69.19</u>	palate (bony) <u>27.31</u>
lip <u>27.43</u>	by wide excision 27.32
by wide excision 27.42	soft <u>27.49</u>
liver <u>50.29</u>	pancreas (local) <u>52.22</u>
- <del></del>	endoscopic <u>52.21</u>
	parathyroid <u>06.89</u>
	parotid gland or duct NEC <u>26.29</u>
	pelvic wall 54.3
	F

Excision -lesionCont.	Excision -lesionCont.
pelvirectal tissue <u>48.82</u>	spleen (cyst) <u>41.42</u>
penis <u>64.2</u>	stomach NEC <u>43.42</u>
pericardium <u>37.31</u>	endoscopic <u>43.41</u>
perineum (female) 71.3	polyp <u>43.41</u>
male <u>86.3</u>	polyp (endoscopic) <u>43.41</u>
periprostatic tissue 60.82	subcutaneous tissue <u>86.3</u>
perirectal tissue 48.82	breast <u>85.21</u>
perirenal tissue 59.91	subgingival <u>24.31</u>
peritoneum 54.4	sweat gland 86.3
perivesical tissue <u>59.91</u>	tendon 83.39
pharynx 29.39	hand 82.29
diverticulum 29.32	ocular <u>15.13</u>
pineal gland 07.53	sheath <u>83.31</u>
pinna 18.29	hand 82.21
radical 18.31	testis 62.2
pituitary (gland) see also	thorax 34.4
Hypophysectomy, partial <u>07.63</u>	thymus <u>07.81</u>
by stereotactic radiosurgery <u>92.30</u>	thyroid <u>06.31</u>
cobalt 60 <u>92.32</u>	substernal or transsternal route <u>06.51</u>
linear accelerator (LINAC) 92.31	tongue <u>25.1</u>
multi-source 92.32	tonsil <u>28.92</u>
particle beam 92.33	trachea 31.5
particulate 92.33	tunica vaginalis <u>61.92</u>
radiosurgery NEC 92.39	ureter <u>56.41</u>
single source photon <u>92.31</u> pleura 34.59	urethra 58.39
	endoscopic <u>58.31</u>
pouch of Douglas <u>70.32</u> preauricular (ear) 18.21	uterine ligament <u>69.19</u> uterosacral ligament 69.19
presacral <u>54.4</u> prostate (transurethral) 60.61	uterus <u>68.29</u> vagina 70.33
pulmonary (fibrosis) 32.29	vein 38.60
endoscopic 32.28	abdominal <u>38.67</u>
rectovaginal septum 48.82	head and neck NEC 38.62
rectum 48.35	intracranial NEC 38.61
polyp (endoscopic) 48.36	lower limb 38.69
retroperitoneum <u>54.4</u> salivary gland or duct NEC 26.29	thoracic NEC <u>38.65</u> upper limb <u>38.63</u>
en bloc 26.32	ventricle (heart) 37.33
sclera 12.84	vocal cords 30.09
scrotum 61.3	vulva 71.3
sinus (nasal) see Excision, lesion,	ligament see also Arthrectomy <u>80.90</u>
nasal sinus	broad 69.19
Skene's gland 71.3	round 69.19
skin 86.3	uterine 69.19
breast 85.21	uterosacral 69.19
nose 21.32	ligamentum flavum (spine) omit code
radical (wide) (involving underlying	lingual tonsil 28.5
or adjacent structure) (with flap closure) 86.4	lip <u>27.43</u> liver (partial) 50.22
scrotum 61.3	loose body
	hone see Seguestrectomy hone
skull <u>01.6</u> soft tissue NEC 83.39	bone see Sequestrectomy, bone joint 80.10
hand 82.29	
	lung (complete) (with mediastinal
spermatic cord <u>63.3</u> sphincter of Oddi <u>51.62</u>	dissection) 32.5
endoscopic 51.64	accessory or ectopic tissue 32.29 endoscopic 32.28
spinal cord (meninges) 03.4	segmental 32.3



Excision -lungCont.	1
specified type NEC 32.29	
endoscopic 32.28	
volume reduction surgery 32.22	
wedge 32.29	
lymph, lymphatic	
drainage area <u>40.29</u>	
radical —see Excision, lymph, node,	
radical radical	
regional (with lymph node, skin, sub-	
cutaneous tissue, and fat) 40.3	
node (simple) NEC 40.29	
with	
lymphatic drainage area (including	
skin,subcutaneous tissue, and	
fat) 40.3	
· <del></del>	
mastectomy see Mastectomy,	
radical	
muscle and deep fascia see	
Excision, lymph, node, radical	
axillary 40.23	
radical <u>40.51</u>	
regional (extended) 40.3	
cervical (deep) (with excision of	
scalene fat pad) 40.21	
with laryngectomy <u>30.4</u>	
radical (including muscle and	
deep fascia) <u>40.40</u>	
bilateral <u>40.42</u>	
unilateral <u>40.41</u>	
regional (extended) 40.3	
superficial <u>40.29</u>	
groin <u>40.24</u>	
radical <u>40.54</u>	
regional (extended) 40.3	
iliac <u>40.29</u>	
radical <u>40.53</u>	
regional (extended) 40.3	
inguinal (deep) (superficial) 40.24	
radical <u>40.54</u>	
regional (extended) <u>40.3</u>	
jugular see Excision, lymph, node,	
cervical	
mammary (internal) <u>40.22</u>	
external <u>40.29</u>	
radical <u>40.59</u>	
regional (extended) 40.3	
radical <u>40.59</u>	
regional (extended) 40.3	
paratracheal see Excision, lymph,	
node, cervical	
periaortic <u>40.29</u>	
radical <u>40.52</u>	
regional (extended) 40.3	
radical <u>40.50</u>	
with mastectomy	
see Mastectomy, radical	
specified site NFC 40 59	1

Excision –lymph -nodeCont.
regional (extended) 40.3
sternal see Excision, lymph, node,
mammary
structure(s) (simple) NEC 40.29
radical 40.59
regional (extended) 40.3
lymphangioma (simple) -see also Excision,
lymph, lymphatic, node, 40.29
lymphocele 40.29
mastoid see also Mastoidectomy 20.49
median bar, transurethral approach 60.29
meibomian gland 08.20
meniscus (knee) 80.6
acromioclavicular 80.91
jaw 76.5
sternoclavicular <u>80.91</u>
temporomandibular (joint) 76.5
wrist <u>80.93</u>
mullerian duct cyst 60.73
muscle <u>83.45</u>
for graft <u>83.43</u>
hand <u>82.34</u>
hand <u>82.36</u>
for graft <u>82.34</u>
myositis ossificans <u>83.32</u>
hand <u>82.22</u>
nail (bed) (fold) <u>86.23</u>
nasolabial cyst <u>27.49</u>
nasopalatine cyst <u>27.31</u>
by wide excision 27.32
neoplasm see Excision, lesion, by site
nerve (cranial) (peripheral) NEC 04.07
sympathetic 05.29
neuroma(Morton's)(peripheral nerve) 04.07
acoustic
by craniotomy <u>04.01</u>
by stereotactic radiosurgery 92.30
cobalt 60 92.32
linear accelerator (LINAC) 92.31
multi-source 92.32
particle beam 92.33
particulate 92.33
radiosurgery NEC <u>92.39</u>
single source photon 92.31
sympathetic nerve <u>05.29</u>
nipple 85.25
accessory <u>85.24</u>
odontoma <u>24.4</u>
orbital contents see also
Exenteration, orbit 16.59
osteochondritis dissecans see also
Excision, lesion, joint 80.80
ovary see also Oophorectomy
partial <u>65.29</u>
by wedge resection <u>65.22</u>
laparoscopic <u>65.24</u>
that by laparoscope 65.25

ExcisionCont.	ExcisionCont.
Pancoast tumor (lung) 32.6	rectal mucosa 48.35
pancreas (total) (with synchronous	rectum see Resection, rectum
duodenectomy) <u>52.6</u>	redundant mucosa
partial NEC <u>52.59</u>	colostomy 45.41
distal (tail) (with part of body) 52.52	endoscopic 45.43
proximal (head) (with part of body)	duodenostomy 45.31
(with synchronous	endoscopic 45.30
duodenectomy) <u>52.51</u>	ileostomy 45.33
radical subtotal <u>52.53</u>	jejunostomy <u>45.33</u>
radical (one-stage) (two-stage) <u>52.7</u>	perineum 71.3
subtotal 52.53	rectum 48.35
paramesonephric duct <u>69.19</u>	vulva 71.3
parathyroid gland (partial) (subtotal) NEC	renal vessel, aberrant 38.66
see also Parathyroidectomy 06.89	rib (cervical) 77.91
parotid gland see also Excision,	ring of conjunctiva around cornea 10.31
salivary gland 26.30	round ligament 69.19
parovarian cyst 69.19	salivary gland 26.30
patella (complete) 77.96	complete <u>26.32</u>
partial 77.86	partial 26.31
pelvirectal tissue 48.82	radical 26.32
perianal tissue 49.04	scalene fat pad 40.21
skin tags <u>49.03</u>	scar see also Excision, lesion, by site
pericardial adhesions 37.31	epicardium <u>37.31</u>
periprostatic tissue 60.82	mastoid 20.92
perirectal tissue 48.82	pericardium <u>37.31</u>
perirenal tissue 59.91	pleura 34.59
periurethral tissue <u>58.92</u>	skin 86.3
perivesical tissue 59.91	thorax 34.4
petrous apex cells 20.59	secondary membrane, lens 13.65
pharyngeal bands 29.54	seminal vesicle 60.73
pharynx (partial) 29.33	with radical prostatectomy 60.5
pilonidal cyst or sinus (open) (with	septum see also Excision, by site
partial closure) 86.21	uterus (congenital) 68.22
pineal gland (complete) (total) 07.54	vagina <u>70.33</u>
partial 07.53	sinus see also Excision, lesion, by site
pituitary gland (complete) (total)	nasal see Sinusectomy
see also Hypophysectomy <u>07.69</u>	pilonidal 86.21
pleura NEC <u>34.59</u>	preauricular (ear) (radical) 18.21
polyp see also Excision, lesion, by site	tarsi <u>80.88</u>
esophagus <u>42.32</u>	thyroglossal (with resection of hyoid
endoscopic <u>42.33</u>	bone) <u>06.7</u>
large intestine 45.41	urachal (bladder) <u>57.51</u>
endoscopic <u>45.42</u>	abdominal wall <u>54.3</u>
nose <u>21.31</u>	Skene's gland 71.3
rectum (endoscopic) 48.36	skin (local) <u>86.3</u>
stomach (endoscopic) 43.41	for graft (with closure of donor site)
preauricular	86.91
appendage (remnant) 18.29	radical (wide) (involving underlying or
cyst, fistula, or sinus (congenital) 18.21	adjacent structure) (with flap
remnant <u>18.29</u>	closure) <u>86.4</u>
prolapsed iris (in wound) 12.13	tags
prostate see Prostatectomy	perianal <u>49.03</u>
pterygium (simple) 11.39	periauricular <u>18.29</u>
with corneal graft 11.32	soft tissue NEC <u>83.49</u>
radius (head) (partial) 77.83	hand <u>82.39</u>
total <u>77.93</u>	spermatocele <u>63.2</u>
ranula, salivary gland NEC 26.29	spinous process 77.89



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ExcisionCont.	Excision -ureterCont.
spleen (total) <u>41.5</u>	total <u>56.42</u>
accessory 41.93	ureterocele 56.41
partial 41.43	urethra, urethral 58.39
stomach see Gastrectomy	endoscopic <u>58.31</u>
sublingual gland (salivary) see also	with complete cystectomy 57.79
Excision, salivary gland 26.30	septum 58.0
submaxillary gland see also Excision,	stricture 58.39
salivary gland <u>26.30</u>	endoscopic 58.31
supernumerary	valve (congenital) 58.39
breast 85.24	endoscopic (transurethral)
digits 86.26	(transvesical) 58.31
sweat gland 86.3	urethrovaginal septum 70.33
synechiae see also Lysis, synechiae	uterus (corpus) see also Hysterectomy
endometrial 68.21	68.9
tarsal plate (eyelid) 08.20	cervix 67.4
by wedge resection 08.24	lesion 67.39
tattoo 86.3	lesion 68.29
by dermabrasion 86.25	septum 68.22
tendon (sheath) 83.42	uvula 27.72
for graft <u>83.41</u>	vagina (total) <u>70.4</u>
hand 82.32	varicocele, spermatic cord 63.1
hand 82.33	vein see also Phlebectomy 38.60
for graft 82.32	varicose 38.50
thymus see also Thymectomy 07.80	abdominal 38.57
thyroglossal duct or tract (with resection	head and neck NEC 38.52
of hyoid bone) <u>06.7</u>	intracranial NEC 38.51
thyroid NECsee also Thyroidectomy 06.39	lower limb 38.59
tongue (complete) (total) 25.3	ovarian 38.67
partial or subtotal 25.2	thoracic NEC 38.55
radical <u>25.4</u>	upper limb <u>38.53</u>
tonsil 28.2	verucca see also Excision, lesion, by site
with adenoidectomy 28.3	eyelid 08.22
lingual 28.5	vesicovaginal septum <u>70.33</u>
tag 28.4	vitreous opacity 14.74
tooth NEC see also Removal, tooth,	anterior approach 14.73
surgical 23.19	vocal cord(s) (submucous) 30.22
from nasal sinus 22.60	vulva (bilateral) (simple) see also
torus	Vulvectomy 71.62
lingual <u>76.2</u>	wart see also Excision, lesion, by site
mandible, mandibularis 76.2	eyelid 08.22
palate, palatinus <u>27.31</u>	wolffian duct 69.19
by wide excision 27.32	xanthoma (tendon sheath, hand) 82.21
trabeculae carneae cordis (heart) 35.35	site other than hand 83.31
trochanteric lipomatosis 86.83	Excisional biopsy see Biopsy
tumor see Excision, lesion, by site	Exclusion, pyloric 44.39
ulcer see also Excision, lesion, by site	laparoscopic 44.38
duodenum <u>45.31</u>	Exenteration
endoscopic 45.30	ethmoid air cells 22.63
stomach <u>43.42</u>	orbit 16.59
endoscopic <u>43.41</u>	with
umbilicus 54.3	removal of adjacent structures <u>16.51</u>
urachus, urachal (cyst) (bladder) <u>57.51</u>	temporalis muscle transplant 16.59
abdominal wall 54.3	therapeutic removal of bone 16.52
ureter, ureteral <u>56.40</u>	pelvic (organs) (female) 68.8
with nephrectomy see Nephrectomy	male 57.71
partial 56.41	petrous pyramid air cells 20.59
stricture 56 41	petious pyranina an eens 20.55

Exercise (physical therapy) NEC 93.19	ExplorationCont.
active musculoskeletal NEC <u>93.12</u>	bursa <u>83.03</u>
assisting <u>93.11</u>	hand <u>82.03</u>
in pool <u>93.31</u>	carotid body <u>39.8</u>
breathing <u>93.18</u>	carpal tunnel <u>04.43</u>
musculoskeletal	choroid <u>14.9</u>
active NEC <u>93.12</u>	ciliary body <u>12.44</u>
passive NEC <u>93.17</u>	colon <u>45.03</u>
neurologic <u>89.13</u>	common bile duct <u>51.51</u>
passive musculoskeletal NEC <u>93.17</u>	endoscopic <u>51.11</u>
resistive <u>93.13</u>	for
Exfoliation, skin, by chemical <u>86.24</u>	relief of obstruction <u>51.42</u>
Exostectomy see also Excision,	endoscopic <u>51.84</u>
lesion, bone <u>77.60</u>	removal of calculus <u>51.41</u>
first metatarsal (hallux valgus repair)	endoscopic <u>51.88</u>
see Bunionectomy	coronary artery <u>36.99</u>
hallux valgus repair (with wedge	cranium <u>01.24</u>
osteotomy) see Bunionectomy	cul-de-sac <u>70.12</u>
Expiratory flow rate 89.38	endoscopic <u>70.22</u>
Explant, explantation - see Removal	disc space <u>03.09</u>
Exploration see also Incision	duodenum <u>45.01</u>
abdomen <u>54.11</u>	endoscopic see Endoscopy, by site
abdominal wall <u>54.0</u>	epididymis <u>63.92</u>
adrenal (gland) <u>07.41</u>	esophagus (by incision) NEC <u>42.09</u>
field <u>07.00</u>	endoscopic see Esophagoscopy
bilateral <u>07.02</u>	ethmoid sinus <u>22.51</u>
unilateral <u>07.01</u>	eyelid <u>08.09</u>
artery <u>38.00</u>	fallopian tube <u>66.01</u>
abdominal <u>38.06</u>	fascia <u>83.09</u>
aorta (arch) (ascending) (descending)	hand <u>82.09</u>
<u>38.04</u>	flank <u>54.0</u>
head and neck NEC <u>38.02</u>	fossa (superficial) NEC <u>86.09</u>
intracranial NEC <u>38.01</u>	pituitary <u>07.71</u>
lower limb <u>38.08</u>	frontal sinus <u>22.41</u>
thoracic NEC <u>38.05</u>	frontonasal duct <u>96.21</u>
upper limb <u>38.03</u>	gallbladder <u>51.04</u>
auditory canal, external <u>18.02</u>	groin (region)(abdominal wall)(inguinal) <u>54.0</u>
axilla <u>86.09</u>	skin and subcutaneous tissue <u>86.09</u>
bile duct(s) <u>51.59</u>	heart <u>37.11</u>
common duct <u>51.51</u>	hepatic duct <u>51.59</u>
endoscopic <u>51.11</u>	hypophysis <u>07.72</u>
for	ileum <u>45.02</u>
relief of obstruction 51.42	inguinal canal (groin) <u>54.0</u>
endoscopic <u>51.84</u>	intestine (by incision) NEC <u>45.00</u>
removal of calculus <u>51.41</u>	large <u>45.03</u>
endoscopic <u>51.88</u>	small <u>45.02</u>
laparoscopic <u>51.11</u>	intrathoracic <u>34.02</u>
for relief of obstruction <u>51.49</u>	jejunum <u>45.02</u>
endoscopic <u>51.84</u>	joint structuressee also Arthrotomy <u>80.10</u>
bladder (by incision) <u>57.19</u>	kidney <u>55.01</u>
endoscopic <u>57.32</u>	pelvis <u>55.11</u>
through stoma (artificial) <u>57.31</u>	labia <u>71.09</u>
bone see also Incision, bone 77.10	lacrimal
brain (tissue) <u>01.39</u>	gland <u>09.0</u>
breast <u>85.0</u>	sac <u>09.53</u>
bronchus <u>33.0</u>	laparotomy site <u>54.12</u>
endoscopic see Bronchoscopy	larynx (by incision) 31.3
	endoscopic <u>31.42</u>



ExplorationCont.	ExplorationCont.
liver <u>50.0</u>	sinus
lung (by incision) 33.1	ethmoid <u>22.51</u>
lymphatic structure(s) (channel) (node)	frontal <u>22.41</u>
(vessel) <u>40.0</u>	maxillary (Caldwell-Luc approach) 22.39
mastoid 20.21	sphenoid 22.52
maxillary antrum or sinus (Caldwell-Luc	tract, skin and subcutaneous tissue 86.09
approach) <u>22.39</u>	skin 86.09
mediastinum 34.1	soft tissue NEC 83.09
endoscopic 34.22	hand 82.09
middle ear (transtympanic) 20.23	spermatic cord 63.93
muscle 83.02	sphenoidal sinus 22.52
hand 82.02	spinal (canal) (nerve root) 03.09
neck see also Exploration, thyroid	spleen 41.2
06.09	stomach (by incision) 43.0
nerve (cranial) (peripheral) NEC <u>04.04</u>	endoscopic see Gastroscopy
auditory 04.01	subcutaneous tissue 86.09
root (spinal) 03.09	subdiaphragmatic space 54.11
nose 21.1	superficial fossa 86.09
orbit see also Orbitotomy 16.09	tarsal tunnel <u>04.44</u>
pancreas 52.09	tendon (sheath) 83.01
endoscopic 52.13	hand <u>82.01</u>
pancreatic duct <u>52.09</u>	testes <u>62.0</u>
endoscopic 52.13	thymus (gland) <u>07.92</u>
pelvis (by laparotomy) <u>54.11</u>	field <u>07.91</u>
by colpotomy <u>70.12</u>	thyroid (field) (gland) (by incision) <u>06.09</u>
penis <u>64.92</u>	postoperative <u>06.02</u>
perinephric area <u>59.09</u>	trachea (by incision) $\frac{31.3}{7}$
perineum (female) 71.09	endoscopic see Tracheoscopy
male <u>86.09</u>	tunica vaginalis <u>61.0</u>
peripheral vessels	tympanum <u>20.09</u>
lower limb	transtympanic route <u>20.23</u>
artery <u>38.08</u>	ureter (by incision) <u>56.2</u>
vein <u>38.09</u>	endoscopic <u>56.31</u>
upper limb (artery) (vein) <u>38.03</u>	urethra (by incision) <u>58.0</u>
periprostatic tissue <u>60.81</u>	endoscopic <u>58.22</u>
perirenal tissue <u>59.09</u>	uterus (corpus) <u>68.0</u>
perivesical tissue <u>59.19</u>	cervix <u>69.95</u>
petrous pyramid air cells 20.22	digital <u>68.11</u>
pilonidal sinus <u>86.03</u>	postpartal, manual <u>75.7</u>
pineal (gland) <u>07.52</u>	vagina (by incision) 70.14
field <u>07.51</u>	endoscopic <u>70.21</u>
pituitary (gland) <u>07.72</u>	vas deferens <u>63.6</u>
fossa <u>07.71</u>	vein <u>38.00</u>
pleura <u>34.09</u>	abdominal 38.07
popliteal space <u>86.09</u>	head and neck NEC 38.02
prostate 60.0	intracranial NEC 38.01
rectum see also Proctoscopy 48.23	lower limb 38.09
by incision 48.0	thoracic NEC 38.05
retroperitoneum 54.0	upper limb <u>38.03</u>
retropubic <u>59.19</u>	vulva (by incision) 71.09
salivary gland 26.0	Exposure see also Incision, by site
sclera (by incision) 12.89	tooth (for orthodontic treatment) 24.6
scrotum 61.0	Expression, trachoma follicles 10.33
shunt	Expression, tractional folicies 10.55 Exsanguination transfusion 99.01
ventriculoperitoneal at	EASANGUMATION CANSIUSION ST.UT
peritoneal site 54.95	
ventricular site <u>34.93</u>	
venilincular site <u>UZ.41</u>	

Extension	Extraction -cataractCont.
buccolabial sulcus <u>24.91</u>	aspiration (simple) (with irrigation) 13.3
limb, forced <u>93.25</u>	cryoextraction (intracapsular approach)
lingual sulcus <u>24.91</u>	<u>13.19</u>
mandibular ridge <u>76.43</u>	temporal inferior route (in presence
Exteriorization	of fistulization bleb) 13.11
esophageal pouch <u>42.12</u>	curette evacuation (extracapsular
intestine <u>46.03</u>	approach) <u>13.2</u>
large <u>46.03</u>	emulsification (and aspiration) <u>13.41</u>
small <u>46.01</u>	erysiphake (intracapsular approach)
maxillary sinus <u>22.9</u>	<u>13.19</u>
pilonidal cyst or sinus (open excision)	temporal inferior route (in presence
(with partial closure) <u>86.21</u>	of fistulization bleb) 13.11
Extirpation see also Excision, by site	extracapsular approach (with
aneurysm see Aneurysmectomy	iridectomy) NEC <u>13.59</u>
arteriovenous fistula	by temporal inferior route (in
see Aneurysmectomy	presence of fistulization
lacrimal sac <u>09.6</u>	bleb) <u>13.51</u>
larynx <u>30.3</u>	aspiration(simple)(with irrigation) 13.3
with radical neck dissection (with	curette evacuation 13.2
synchronous thyroidectomy) (with	emulsification (and aspiration) 13.41
synchronous tracheostomy) <u>30.4</u>	linear extraction 13.2
nerve, tooth see also Therapy,	mechanical fragmentation with
root canal <u>23.70</u>	aspiration by
varicose vein(peripheral)(lower limb) 38.59	posterior route 13.42
upper limb <u>38.53</u>	specified route NEC <u>13.43</u>
Extracorporeal	phacoemulsification (ultrasonic)
circulation(regional),except hepatic 39.61	(with aspiration) 13.41
hepatic <u>50.92</u>	phacofragmentation (mechanical)
percutaneous <u>39.66</u>	with aspiration by
hemodialysis 39.95	posterior route 13.42
membrane oxygenation (ECMO) 39.65	specified route NEC <u>13.43</u>
photopheresis, therapeutic 99.88	ultrasonic (with aspiration) 13.41
shockwave lithotripsy (ESWL) NEC <u>98.59</u>	rotoextraction (mechanical) with
bile duct 98.52	aspiration by
bladder <u>98.51</u>	posterior route 13.42
gallbladder <u>98.52</u>	specified route NEC 13.43
kidney <u>98.51</u>	intracapsular (combined) (simple)
renal pelvis 98.51	(with iridectomy) (with suction)
specified site NEC <u>98.59</u>	(with zonulolysis) 13.19
ureter <u>98.51</u>	by temporal inferior route (in
Extracranial-intracranial bypass[EC-IC]39.28 Extraction	presence of fistulization
	bleb) 13.11
breech (partial) 72.52 with forceps to aftercoming head 72.51	linear extraction (extracapsular approach) 13.2
total 72.54	phacoemulsification (and aspiration)
with forceps to aftercoming head	13.41
72.53	phacofragmentation (mechanical)
cataract <u>13.19</u>	with aspiration by
after cataract (by)	posterior route 13.42
capsulectomy 13.65	specified route NEC 13.43
capsulotomy 13.64	ultrasonic 13.41
discission 13.64	rotoextraction (mechanical)
excision 13.65	with aspiration by
iridocapsulectomy <u>13.65</u>	posterior route 13.42
mechanical fragmentation 13.66	specified route NEC 13.43
needling 13.64	specified route NEC 13.43
phacofragmentation(mechanical) 13.6	5

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Extraction -cataract --- Cont.
    secondary membranous (after
         cataract) (by)
       capsulectomy 13.65
       capsulotomy 13.64
       discission 13.64
       excision 13.65
       iridocapsulectomy 13.65
       mechanical fragmentation 13.66
       needling 13.64
       phacofragmentation(mechanical)
           13.66
  common duct stones (percutaneous)
      (through sinus tract)(with basket)
      51.96
  foreign body -- see Removal, foreign
      body
  kidney stone(s), percutaneous 55.03
    with fragmentation procedure 55.04
  lens (eye) -- see also Extraction,
      cataract 13.19
  Malstrom's 72.79
    with episiotomy 72.71
  menstrual, menses 69.6
  milk from lactating breast (manual)
      (pump) 99.98
  tooth (by forceps) (multiple) (single)
      NEC 23.09
    with mucoperiosteal flap elevation
         23.19
    deciduous 23.01
    surgical NEC -- see also Removal,
        tooth, surgical 23.19
  vacuum, fetus 72.79
    with episiotomy 72.71
  vitreous -- see also Removal, vitreous
      14.72
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## F

Face lift 86.82	Ferguson operation (hernia repair) 53.00
Facetectomy <u>77.89</u>	Fetography <u>87.81</u>
Facilitation, intraocular circulation NEC 12.59	Fetoscopy <u>75.31</u>
Failed (trial) forceps 73.3	Fiberoscopy see Endoscopy, by site
Family	Fibroidectomy, uterine <u>68.29</u>
counselling (medical) (social) <u>94.49</u>	Fick operation (perforation of foot plate) 19.0
therapy <u>94.42</u>	Filipuncture (aneurysm) (cerebral) 39.52
Farabeuf operation(ischiopubiotomy) 77.39	Filleting
Fasanella-Servatt operation	hammer toe <u>77.56</u>
(blepharoptosis repair) 08.35	pancreas <u>52.3</u>
Fasciaplasty see Fascioplasty	Filling, tooth (amalgam)(plastic)(silicate) 23.2
Fascia sling operationsee Operation, sling	root canalsee also Therapy,root canal <u>23.70</u>
Fasciectomy <u>83.44</u>	Fimbriectomy see also Salpingectomy,
for graft <u>83.43</u>	partial <u>66.69</u>
hand <u>82.34</u>	Uchida (with tubal ligation) 66.32
hand <u>82.35</u>	Finney operation (pyloroplasty) 44.29
for graft 82.34	Fissurectomy, anal 49.39
palmar (release of Dupuytren's contracture)	endoscopic 49.31
82.35	skin (subcutaneous tissue) 49.04
Fasciodesis 83.89	Fistulectomysee also Closure, fistula, by site
hand 82.89	abdominothoracic 34.83
Fascioplastysee also Repair, fascia 83.89	abdominouterine 69.42
handsee also Repair, fascia, hand 82.89	anus 49.12
Fasciorrhaphy see Suture, fascia	appendix 47.92
Fasciotomy 83.14	bile duct 51.79
Dupuytren's 82.12	biliary tract NEC 51.79
with excision 82.35	bladder (transurethral approach) 57.84
Dwyer 83.14	bonesee also Excision, lesion, bone 77.60
hand <u>82.12</u>	branchial cleft 29.52
Ober-Yount 83.14	bronchocutaneous 33.42
orbital see also Orbitotomy 16.09	bronchoesophageal 33.42
palmar (release of Dupuytren's contracture)	bronchomediastinal 34.73
82.12	bronchopleural 34.73
with excision 82.35	bronchopleurocutaneous 34.73
Fenestration	bronchopleuromediastinal 34.73
aneurysm(dissecting),thoracic aorta 39.54	bronchovisceral 33.42
aortic aneurysm 39.54	cervicosigmoidal 67.62
cardiac valve 35.10	cholecystogastroenteric 51.93
chest wall <u>34.01</u>	cornea <u>11.49</u>
ear	diaphragm <u>34.83</u>
inner (with graft) <u>20.61</u>	enterouterine <u>69.42</u>
revision 20.62	esophagopleurocutaneous 34.73
tympanic <u>19.55</u>	esophagus NEC <u>42.84</u>
labyrinth (with graft) 20.61	fallopian tube <u>66.73</u>
Lempert's (endaural) <u>19.9</u>	gallbladder <u>51.93</u>
operation (aorta) <u>39.54</u>	gastric NEC <u>44.63</u>
oval window, ear canal <u>19.55</u>	hepatic duct <u>51.79</u>
palate <u>27.1</u>	hepatopleural <u>34.73</u>
pericardium <u>37.12</u>	hepatopulmonary <u>34.73</u>
semicircular canals (with graft) 20.61	intestine
stapes foot plate(with vein graft) 19.19	large <u>46.76</u>
with incus replacement 19.11	small <u>46.74</u>
tympanic membrane <u>19.55</u>	intestinouterine <u>69.42</u>
vestibule (with graft) 20.61	iointsee also Excision Jesion Joint 80 80

FistulectomyCont.	FistulizationCont.
lacrimal	interatrial <u>35.41</u>
gland <u>09.21</u>	labyrinth (for decompression) 20.79
sac <u>09.6</u>	lacrimal sac into nasal cavity 09.81
laryngotracheal 31.62	larynx <u>31.29</u>
larynx 31.62	lymphatic duct, left (thoracic) 40.62
mediastinocutaneous 34.73	orbit 16.09
mouth NEC 27.53	peritoneal 54.93
nasal 21.82	salivary gland 26.49
sinus <u>22.71</u>	sclera <u>12.69</u>
nasolabial 21.82	by trephination 12.61
nasopharyngeal 21.82	with iridectomy 12.65
oroantral 22.71	sinus, nasal NEC 22.9
oronasal 21.82	subarachnoid space 02.2
pancreas <u>52.95</u>	thoracic duct 40.62
perineorectal 71.72	trachea 31.29
perineosigmoidal 71.72	
	tracheoesophageal 31.95
perirectal, not opening into rectum 48.93	urethrovaginal 58.0
pharyngoesophageal 29.53	ventricle, cerebral see also Shunt,
pharynx NEC 29.53	ventricular <u>02.2</u>
pleura <u>34.73</u>	Fistulogram
rectolabial 71.72	abdominal wall 88.03
rectourethral 58.43	chest wall <u>87.38</u>
rectouterine <u>69.42</u>	retroperitoneum <u>88.14</u>
rectovaginal <u>70.73</u>	specified site NEC 88.49
rectovesical <u>57.83</u>	Fistulotomy, anal <u>49.11</u>
rectovulvar <u>71.72</u>	Fitting
rectum <u>48.73</u>	arch bars (orthodontic) <u>24.7</u>
salivary (duct) (gland) <u>26.42</u>	for immobilization (fracture) <u>93.55</u>
scrotum <u>61.42</u>	artificial limb <u>84.40</u>
skin <u>86.3</u>	contact lens <u>95.32</u>
stomach NEC 44.63	denture (total) <u>99.97</u>
subcutaneous tissue <u>86.3</u>	bridge (fixed) 23.42
thoracoabdominal 34.83	removable 23.43
thoracogastric 34.83	partial (fixed) 23.42
thoracointestinal 34.83	removable 23.43
thorax NEC 34.73	hearing aid 95.48
trachea NEC 31.73	obturator (orthodontic) 24.7
tracheoesophageal 31.73	ocular prosthetics 95.34
ureter <u>56.84</u>	orthodontic
urethra 58.43	appliance 24.7
uteroenteric 69.42	obturator 24.7
uterointestinal 69.42	wiring 24.7
uterorectal 69.42	orthotic device 93.23
uterovaginal 69.42	periodontal splint (orthodontic) 24.7
vagina <u>70.75</u>	prosthesis, prosthetic device
	above knee 84.45
vesicosigmoidovaginal <u>57.83</u>	arm 84.43
vocal cords 31.62	
vulvorectal 71.72	lower (and hand) 84.42
Fistulization	upper (and shoulder) <u>84.41</u>
appendix <u>47.91</u>	below knee <u>84.46</u>
arteriovenous 39.27	hand (and lower arm) 84.42
cisterna chyli <u>40.62</u>	leg <u>84.47</u>
endolymphatic sac (for decompression)	above knee <u>84.45</u>
<u>20.79</u>	below knee <u>84.46</u>
esophagus, external <u>42.10</u>	limb NEC <u>84.40</u>
cervical <u>42.11</u>	ocular <u>95.34</u>
specified technique NEC 42.19	penis (external) <u>64.94</u>

Fixting -prosthesis —cont. shoulder (and upper arm) 84.41 spectacles 95.31 Five-in-one repair, knee 81.42 Fixation bone external, without reduction 93.59 with fracture reduction —see Reduction, fracture cast immobilization NEC 93.53 external fixator - see Fixator, external splint 93.54 traction (skeletal) NEC 93.44 intermittent 93.43 internal(without fracture reduction) —78.50 with fracture reduction —see Reduction, fracture carpal, metacarpal 78.54 clavice 78.51 febula 78.52 humerus 78.55 fibula 78.53 scapula 78.51 specified site NEC 78.59 phalanges (foot) (hand) 78.59 radius 78.53 scapula 78.51 specified site NEC 78.59 thasia, metatarsal 78.58 thorax (ribs) (sternum) 78.51 tibia 78.57 vertebrae 78.59 breast (pendulous) 85.6 cardinal ligaments 69.22 cervical collar 93.52 duodenum 46.62 to abdominal wall 46.61 external (without manipulation for reduction) 93.59 traction (skeletal) NEC 93.44 intermittent 93.43 strapping (non-traction) 93.59 traction (skeletal) NEC 93.44 intermittent 93.43 hip 81.40 lieum 46.62 to abdominal wall 46.61 external (without manipulation for reduction) 93.59 traction (skeletal) NEC 93.44 intermittent 93.43 hip 81.40 lieum 46.62 to abdominal wall 46.61 internal with fracture reduction —see Reduction, fracture without practure reduction —see Reduction, fracture without prac		( /
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Five-in-one repair, knee \$1.42 Fixation bone external, without reduction 93.59 with fracture reduction see Reduction, fracture cast immobilization NEC 93.53 external fixator - see Fixator, external splint 93.54 traction (skeletal) NEC 93.44 intermittent 93.43 internal(without fracture reduction) see Reduction, fracture carpal, metacarpal 78.54 clavicle 78.51 femur 78.55 fibula 78.57 humerus 78.52 patella 78.56 pelvic 78.59 phalanges (foot) (hand) 78.59 radius 78.53 scapula 78.51 specified site NEC 78.59 tarsal, metatarsal 78.58 thorax (fibs) (sternum) 78.51 tibia 78.57 ulna 78.53 vertebrae 78.59 breast (pendulous) 85.6 cardinal ligaments 69.22 cervical collar 93.52 duodenum 46.62 to abdominal wall 46.61 external (without manipulation for reduction) 93.59 with fracture reduction see Reduction, fracture cast immobilization NEC 93.44 intermittent 93.43 hip 81.40 ileum 46.62 to abdominal wall 46.61 internal with fracture reduction see Reduction, fracture cast immobilization NEC 93.44 intermittent 93.43 hip 81.40 ileum 46.62 to abdominal wall 46.61 internal with fracture reduction see Reduction, fracture cast immobilization NEC 93.53 pressure dressing 93.56 splint 93.54 traction (skeletal) NEC 93.44 intermittent 93.43 hip 81.40 ileum 46.62 to abdominal wall 46.61 internal with fracture reduction see Reduction, fracture cast immobilization for reduction 93.59 traction (skeletal) NEC 93.44 intermittent 93.43 hip 81.40 ileum 46.62 to abdominal wall 46.61 internal with fracture reduction see Reduction, fracture without fracture reduction see Reduction, fracture cast immobilization for reduction 93.59 traction (skeletal) NEC 93.44 intermittent 93.43 hip 81.40 ileum 46.62 to abdominal wall 46.61 internal with fracture reduction see Reduction, fracture cast immobilization for reduction 93.59 traction fracture reduction see Reduction, fracture cast immobilization for reduction 93.59 traction fracture reduction see Reduction for reduction 93.59 traction fracture reduction see Reduction for	shoulder (and upper arm) <u>84.41</u>	intestine <u>46.60</u>
Fixation bone external, without reduction 93.59 with fracture reduction	spectacles <u>95.31</u>	large <u>46.64</u>
to abdominal wall 46.61  its (bombé) 12.11  jejunum 46.62  to abdominal wall 46.61  joint - see Reduction, fracture carpal, metacrapal 78.54  traction (skeleta) NEC 93.44  intermittent 93.43  internal(without fracture reduction)  - see Reduction, fracture carpal, metacrapal 78.54  clavicle 78.51  femur 78.55  fibula 78.57  humerus 78.52  patella 78.56  pelvic 78.59  phalanges (foot) (hand) 78.59  radius 78.53  scapula 78.51  specified site NEC 78.59  tarsal, metatarsal 78.58  thorax (ribs) (sternum) 78.51  tibla 78.57  ulna 78.53  vertebrae 78.59  breast (pendulous) 85.6  cardinal ligaments 69.22  cervical collar 93.52  duodenum 46.62  to abdominal wall 46.61  external (without manipulation for reduction) 93.59  traction (skeletal) NEC 93.44  intermittent 93.43  hip 81.40  ileum 46.62  to abdominal wall 46.61  internal  with fracture reduction  see Reduction, fracture cast immobilization NEC 93.34  internal with decentary of the seem of the see	Five-in-one repair, knee <u>81.42</u>	to abdominal wall <u>46.63</u>
external, without reduction	Fixation	small <u>46.62</u>
with fracture reduction see Reduction, fracture cast immobilization NEC 93.53 external fixator - see Fixator, external splint 93.54 traction (skeletal) NEC 93.44 intermittent 93.43 internal(without fracture reduction) See Reduction, fracture carpal, metacarpal 78.54 clavicle 78.51 femur 78.55 fibula 78.57 humerus 78.52 patella 78.56 pelvic 78.59 phalanges (foot) (hand) 78.59 radius 78.53 scapula 78.51 specified site NEC 78.59 tarsal, metatarsal 78.58 thorax (ribs) (sternum) 78.51 tibia 78.57 ulna 78.53 vertebrae 78.59 breast (pendulous) 85.6 cardinal ligaments 69.22 cervical collar 93.52 duodenum 46.62 to abdominal wall 46.61 external (without manipulation for reduction) 93.59 with fracture reduction see Reduction, fracture cast immobilization NEC 93.44 intermittent 93.43 hip 81.40 ileum 46.62 to abdominal wall 46.61 internal with fracture reduction see Reduction, fracture without fracture reduction see Reduction, fracture page 11.95 sperified site NEC 78.59 page 41.95 spint 93.54 tenton 86	bone	to abdominal wall <u>46.61</u>
	external, without reduction 93.59	to abdominal wall <u>46.60</u>
external fixator - see Fixator, external splint 93.54 traction (skeletal) NEC 93.44 intermittent 93.43 internal(without fracture reduction) 78.50 with fracture reduction see Reduction, fracture carpal, metacarpal 78.54 clavicle 78.51 femur 78.55 fibula 78.57 humerus 78.52 patella 78.56 pelvic 78.59 phalanges (foot) (hand) 78.59 radius 78.53 scapula 78.51 specified site NEC 78.59 thorax (ribs) (sternum) 78.51 tibia 78.57 ulna 78.53 vertebrae 78.59 breast (pendulous) 85.6 cardinal ligaments 69.22 cervical collar 93.52 duodenum 46.62 to abdominal wall 46.61 external (without manipulation for reduction) 93.59 with fracture reduction see Reduction, fracture cast immobilization NEC 93.44 intermittent 93.43 hip 81.40 lieum 46.62 to abdominal wall 46.61 internal with fracture reduction see Reduction, fracture without fracture reduction see Reduction, fracture cast immobilization NEC 93.44 intermittent 93.43 hip 81.40 lieum 46.62 to abdominal wall 46.61 internal with fracture reduction see Reduction, fracture without fracture reduction see Reduction, fracture without manipulation for reduction (skeletal) NEC 93.44 intermittent 93.43 hip 81.40 lieum 46.62 to abdominal wall 46.61 internal with fracture reduction see Reduction, fracture without fracture reduction see Reduction, fracture without reduction see Reduction, fracture without fracture reduction see Reduction, fracture by the fraction of conduit between right atrium and pulmonary artery) 35.94 Foraminotomy 03.09 Forced extension, limb 93.25	with fracture reduction	iris (bombé) <u>12.11</u>
external fixator - see Fixator, external splint 93.54 traction (skeletal) NEC 93.44 intermittent 93.43 internal(without fracture reduction) 78.50 with fracture reduction see Reduction, fracture carpal, metacarpal 78.54 clavice 78.51 femur 78.55 fibula 78.57 humerus 78.59 phalanges (foot) (hand) 78.59 radius 78.59 phalanges (foot) (hand) 78.59 radius 78.57 luna 78.53 scapula 78.51 specified site NEC 78.59 tarsal, metatarsal 78.58 thorax (ribs) (sternum) 78.51 tibia 78.57 ulna 78.53 vertebrae 78.59 breast (pendulous) 85.6 cardinal ligaments 69.22 cervical collar 93.52 duodenum 46.62 to abdominal wall 46.61 external (without manipulation for reduction) 93.59 with fracture reduction see Reduction, fracture cast immobilization NEC 93.53 pressure dressing 93.56 splint 93.54 strapping (non-tracture cast immobilization NEC 93.44 intermittent 93.43 hip 81.40 litem 46.62 to abdominal wall 46.61 enternal with fracture reduction see Reduction, fracture cast immobilization of reduction (skeletal) NEC 93.44 intermittent 93.43 hip 81.40 litem 46.62 to abdominal wall 46.61 enternal with fracture reduction see Reduction, fracture cast immobilization for reduction (skeletal) NEC 93.44 intermittent 93.43 hip 81.40 litem 46.62 to abdominal wall 46.61 enternal with fracture reduction see Reduction, fracture cast immobilization for reduction (skeletal) NEC 93.44 intermittent 93.43 hip 81.40 litem 46.62 to abdominal wall 46.61 enternal with fracture reduction see Reduction, fracture eduction see Reduction, fracture without fracture reduction see Reduction, fracture without fracture reduction see Reduction, f	see Reduction, fracture	jejunum <u>46.62</u>
splint 93.54 traction (skeletal) NEC 93.44 intermittent 93.43 internal(without fracture reduction) 78.50 with fracture reduction see Reduction, fracture carpal, metacarpal 78.54 clavicle 78.51 femur 78.55 fibula 78.57 humerus 78.52 patella 78.56 pelvic 78.59 phalanges (foot) (hand) 78.59 radius 78.53 scapula 78.51 specified site NEC 78.59 tarsal, metatarsal 78.58 thorax (ribs) (sternum) 78.51 tibia 78.53 vertebrae 78.59 breast (pendulous) 85.6 cardinal ligament 69.22 cervical collar 93.54 strapping (non-tracture cast immobilization NEC 93.53 pressure dressing 93.56 splint 93.54 strapping (non-tracture cast immobilization NEC 93.53 pressure dressing 93.56 splint 93.54 strapping (non-tracture cast immobilization NEC 93.53 pressure dressing 93.56 splint 93.54 strapping (non-tracture cast immobilization NEC 93.53 pressure dressing 93.66 omentum 54.74 parametrial 69.22 plaster jacket 93.51 other cast 93.53 rectum (sling) 48.76 spine, with fusion-see also Fusion, spinal 81.00 spleen 41.95 splint 93.54 tendon 83.88 hand 82.85 testis in scrotum 62.5 tongue 25.59 urethrovaginal (to Cooper's ligament) 70.77 uterus (abdominal) (vaginal) (ventrofixation) (99.22 vagina 70.77 Fixator, external computer assisted (dependent) 84.73 hybrid device or system 84.72 lilizarov type 84.72 monoplana system 84.71 ring device or system 84.72 sheffled type 84.72 Flooding (psychologic desensitization) 94.33 Flowmetry, Doppler (ultrasonic) see also Ultrasonocyrahy aortic arch 88.73 hybrid device or system 84.72 sheffled type 84.72 flooding (psychologic desensitization) 94.33 Flowmetry, Doppler (ultrasonic) see also Ultrasonocyrahy aortic arch 88.73 head and neck 88.71 heart 88.72 thorax NEC 88.73 Fluoroscopy see Radiography Fog therapy (respiratory) 93.94 Folding, eye muscle 15.22 multiple (two or more muscles) 15.4 Folding, eye muscle 15.2.2 multiple (two or more muscles) 15.4 Folding, eye muscle 15.2.7 Fontan operation(creation of conduit between right atrium and pulmonary artery) 35.94 Foraminotomy 03.09 Forced extension, lim	cast immobilization NEC 93.53	to abdominal wall 46.61
traction (skeletal) NEC 93.44 intermittent 93.43 internal(without fracture reduction) 78.50 with fracture reduction	external fixator - see Fixator, external	joint see Arthroplasty
intermittent 93.43 internal(without fracture reduction) 78.50 with fracture reduction see Reduction, fracture carpal, metacarpal 78.54 clavicle 78.51 femur 78.55 fibula 78.55 fibula 78.55 fibula 78.56 pelvic 78.59 phalanges (foot) (hand) 78.59 radius 78.53 scapula 78.51 specified site NEC 78.59 tarsal, metatarsal 78.58 thorax (ribs) (sternum) 78.51 tibia 78.57 ulna 78.53 vertebrae 78.59 breast (pendulous) 85.6 cardinal ligaments 69.22 cervical collar 93.52 duodenum 46.62 to abdominal wall 46.61 external (without manipulation for reduction) 93.59 with fracture reduction see Reduction, fracture cast immobilization NEC 93.44 intermittent 93.43 hip 81.40 ileum 46.62 to abdominal wall 46.61 internal with fracture reduction see Reduction, fracture without fracture reduction see Reduction, fracture with fracture reduction see Reduction, fracture without fracture reduction see Reduction, f	splint <u>93.54</u>	kidney <u>55.7</u>
internal(without fracture reduction 78.50 with fracture reduction	traction (skeletal) NEC <u>93.44</u>	ligament
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with fracture reduction	internal(without fracture reduction)	palpebrae <u>08.36</u>
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Formation	Formation -p
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pleura 34.6	pocket
anus, artificial see also Colostomy 46.13	cardiac
duodenostomy 46.39	with i
ileostomy see also lleostomy <u>46.23</u>	- (
jejunostomy <u>46.39</u>	new s
percutaneous (endoscopic) (PEJ) 46.32	loop r
arteriovenous fistula (for kidney dialysis)	thalamic
(peripheral) (shunt) 39.27	with i
external cannula 39.93	pa
cardiac device (defibrillator) (pacemaker)	new s
pocket	pupil <u>12.39</u>
with initial insertion of cardiac device	by irideo
omit code	rectovagina
new site (skin) (subcutaneous) 37.79	reversed ga
colostomy see also Colostomy <u>46.13</u>	(retros
conduit	antester
ileal (urinary) <u>56.51</u>	septal defe
left ventricle and aorta 35.93	shunt
right atrium and pulmonary artery 35.94	abdomir
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artery <u>35.92</u>	peritone
in repair of	peritone
pulmonary artery atresia 35.92	pleurope
transposition of great vessels 35.92	transjug
truncus arteriosus 35.83	(TIPS
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bladder to skin NEC 57.18	with in
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gastric 43.19	syndactyly tracheoeso
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Frank) 43.19	window
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closed 57.87 [45.51]	suspensi
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conduit 56.51	arthroplast
interatrial fistula 35.42	81.72
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baffle, interatrial 35.91	thoracopla
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window <u>37.12</u>
pleural window (for drainage) 34.09
pocket
cardiac device (defibrillator) (pacemaker)
with initial insertion of cardiac device
- omit code
new site (skin)(subcutaneous) 37.79
loop recorder 37.79
thalamic stimulator pulse generator
with initial insertion of battery
package - omit code
new site (skin)(subcutaneous) <u>86.09</u>
pupil <u>12.39</u>
by iridectomy 12.14
rectovaginal fistula 48.99
reversed gastric tube (intrathoracic)
(retrosternal) 42.58
antesternal or antethoracic 42.68
septal defect, interatrial 35.42
shunt
abdominovenous <u>54.94</u>
arteriovenous 39.93
peritoneojugular 54.94
peritoneo-vascular <u>54.94</u>
pleuroperitoneal 34.05
transjugular intrahepatic portosystemic
(TIPS) <u>39.1</u>
subcutaneous tunnel
esophageal 42.86
with anastomosis see Anastomosis,
esophagus, antesternal
pulse generator lead wire <u>86.99</u>
with initial procedure - omit code
thalamic stimulator pulse generator pocket
with initial insertion of battery
package <i>- omit code</i>
new site (skin)(subcutaneous) <u>86.09</u>
syndactyly (finger) (toe) <u>86.89</u>
tracheoesophageal 31.95
tubulovalvular fistula (Beck-Jianu) (Frank's)
(Janeway) (Spivak's) (Ssabanejew-Frank)
43.19
uretero-ileostomy, cutaneous <u>56.51</u>
ureterostomy, cutaneous 56.61
ileal <u>56.51</u>
urethrovaginal fistula 58.0
window
pericardial <u>37.12</u>
pleural (for drainage) 34.09
Fothergill (-Donald) operation (uterine
suspension) 69.22
Fowler operation
arthroplasty of metacarpophalangeal joint
81.72
release (mallet finger repair) 82.84
tenodesis (hand) 82.85
thoracoplasty <u>33.34</u>

<b>Fox operation</b> (entropion repair with wedge resection) <u>08.43</u>	Frenotomy labial 27.91
Fracture, surgicalsee also Osteoclasis	lingual <u>27.91</u>
78.70	Frenulumectomy see Frenectomy
	Frickman operation (abdominal proctopexy)
turbinates (nasal) <u>21.62</u> Fragmentation	48.75
lithotriptor see Lithotripsy	Frommel operation (shortening of utero-
mechanical	sacral ligaments) 69.22
	Fulguration see also Electrocoagulation
cataract (with aspiration) 13.43 posterior route 13.42	
secondary membrane 13.66	and Destruction, lesion,by site adenoid fossa 28.7
	anus 49.39
secondary membrane(after cataract) 13.66	
ultrasonic	endoscopic <u>49.31</u> bladder (transurethral) 57.49
	,
cataract (with aspiration) 13.41	suprapubic <u>57.59</u> choroid 14.21
stones, urinary (Kock pouch) <u>59.95</u> urinary stones <u>59.95</u>	duodenum <u>45.32</u>
percutaneous nephrostomy <u>55.04</u>	endoscopic 45.30
Franco operation (suprapubic cystotomy)	esophagus <u>42.39</u>
57.18	endoscopic 42.33
	large intestine 45.49
Frank operation (permanent gastrostomy) 43.19	endoscopic 45.43
	polypectomy 45.42
Frazier (-Spiller) operation (subtemporal trigeminal rhizotomy) 04.02	
	penis 64.2
Fredet-Ramstedt operation (pyloromyotomy) (with wedge resection) 43.3	perineum, female <u>71.3</u> prostate, transurethral <u>60.29</u>
· · · · · · · · · · · · · · · · · · ·	rectum 48.32
Freeing	radical 48.31
adhesions see Lysis, adhesions	
anterior synechiae (with injection of air	retina 14.21
or liquid) 12.32	scrotum 61.3
artery-vein-nerve bundle 39.91 extraocular muscle, entrapped 15.7	Skene's gland <u>71.3</u> skin 86.3
goniosynechiae (with injection of air or	small intestine NEC <u>45.34</u>
liquid) 12.31 intestinal segment for interposition 45.50	duodenum <u>45.32</u>
	endoscopic <u>45.30</u> stomach <u>43.49</u>
large <u>45.52</u> small 45.51	endoscopic 43.41
posterior synechiae 12.33	subcutaneous tissue 86.3
synechiae (posterior) 12.33	tonsillar fossa 28.7
anterior (with injection of air or liquid)	urethra <u>58.39</u>
12.32	endoscopic <u>58.31</u>
vascular bundle <u>39.91</u>	vulva 71.3
vessel 39.91	Function
Freezing	study see also Scan, radioisotope
	gastric 89.39
gastric <u>96.32</u>	muscle 93.08
prostate 60.62  Frenckner operation (intrapetrosal drainage)	ocular <u>95.25</u>
	nasal 89.12
20.22 Frenectomy	pulmonarysee categories 89.37-89.38
labial 27.41	renal <u>92.03</u>
	thyroid 92.01
lingual <u>25.92</u> lip 27.41	urethral sphincter 89.23
FrenectomyCont.	Fundectomy, uterine 68.39
maxillary 27.41	Fundoplication (esophageal) (Nissen's) 44.66
tongue <u>25.92</u>	laparoscopic 44.67
tongue 23.32	
	Fundusectomy, gastric <u>43.89</u>



Fusion
atlas-axis (spine) - see Fusion, spinal,
atlas-axis
bone see also Osteoplasty 78.40
cervical (spine) (C2 level or below) -
see Fusion, spinal, cervical
claw toe <u>77.57</u>
craniocervical- <i>see</i>
Fusion,spinal,craniocervical
dorsal, dorsolumbar - see Fusion, spinal,
dorsal, dorsolumbar
epiphyseal-diaphyseal see also Arrest,
bone growth <u>78.20</u>
epiphysiodesis see also Arrest, bone
growth <u>78.20</u>
hammer toe 77.56
joint (with bone graft)
see also Arthrodesis <u>81.20</u>
ankle <u>81.11</u>
claw toe <u>77.57</u> foot NEC <u>81.17</u>
foot NEC <u>81.17</u>
hammer toe <u>77.56</u>
hip <u>81.21</u>
interphalangeal, finger <u>81.28</u>
ischiofemoral <u>81.21</u>
metatarsophalangeal <u>81.16</u>
midtarsal <u>81.14</u>
overlapping toe(s) 77.58
pantalar <u>81.11</u>
spinal see also Fusion, spinal <u>81.00</u>
subtalar <u>81.13</u>
tarsal joints NEC <u>81.17</u>
tarsometatarsal <u>81.15</u>
tibiotalar <u>81.11</u>
toe NEC <u>77.58</u>
claw toe <u>77.57</u>
hammer toe <u>77.56</u>
overlapping toe(s) 77.58
lip to tongue <u>25.59</u>
lumbar, lumbosacral - see Fusion, spinal,
lumbar, lumbosacral
occiput-C2 (spinal) - see Fusion, spinal,
occiput

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Fusion --- Cont.
  spinal (with graft) (with internal fixation)
      (with instrumentation) 81.00
     anterior lumbar interbody fusion (ALIF)
         81.06
     atlas-axis (anterior transoral) (posterior)
         81.01
       for pseudarthrosis 81.31
    cervical (C2 level or below) NEC 81.02
       anterior (interbody), anterolateral
           technique 81.02
        for pseudarthrosis 81.32
       C1-C2 level (anterior)(posterior)
            81.01
        for pseudarthrosis 81.31
       for pseudarthrosis 81.32
       posterior (interbody), posterolateral
           technique 81.03
        for pseudarthrosis 81.33
     craniocervical (anterior transoral)
         (posterior) 81.01
       for pseudarthrosis 81.31
    dorsal, dorsolumbar NEC 81.05
       anterior (interbody), anterolateral
           technique 81.04
        for pseudarthrosis 81.34
       for pseudarthrosis 81.35
       posterior (interbody),
           posterolateral technique 81.05
        for pseudarthrosis 81.35
    lumbar, lumbosacral NEC 81.08
       anterior (interbody), anterolarteral
           technique 81.06
        for pseudarthrosis 81.36
       for pseudoarthrosis 81.38
       lateral transverse process technique
        for pseudarthrosis 81.37
       posterior (interbody), posterolateral
           technique 81.08
        for pseudarthrosis 81.38
    number of vertebrae
         - see codes 81.62 - 81.64
    occiput-C2 (anterior transoral)
         (posterior) <u>81.01</u>
       for pseudarthrosis 81.31
    posterior lumbar interbody fusion
        (PLIF) 81.08
    transforaminal lumbar interbody
        fusion (TLIF) 81.08
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total number of vertebrae fused tongue (to lip) 25.59

Note: Also use either <u>81.62</u>, <u>81.63</u>, or 81.64 as an additional code to show the

G

Gait training <u>93.22</u>	GastrectomyCont.
Galeaplasty <u>86.89</u>	total NEC <u>43.99</u>
Galvanoionization <u>99.27</u>	with intestinal interposition 43.91
Games	Gastrocamera 44.19
competitive 94.39	Gastroduodenectomy see Gastrectomy
organized 93.89	Gastroduodenoscopy 45.13
Gamma irradiation, stereotactic 92.32	through stoma (artificial) 45.12
Ganglionectomy	transabdominal (operative) 45.11
gasserian 04.05	Gastroduodenostomy (bypass)
lumbar sympathetic 05.23	(Jaboulay's) 44.39
nerve (cranial) (peripheral) NEC 04.06	with partial gastrectomy 43.6
sympathetic 05.29	laparoscopic 44.38
sphenopalatine (Meckel's) 05.21	Gastroenterostomy (bypass) NEC 44.39
tendon sheath (wrist) 82.21	with partial gastrectomy 43.7
site other than hand 83.31	laparoscopic 44.38
trigeminal 04.05	Gastrogastrostomy (bypass) 44.39
Ganglionotomy, trigeminal (radiofrequency)	with partial gastrectomy 43.89
04.02	laparoscopic 44.38
Gant operation (wedge osteotomy of	Gastrojejunostomy (bypass) 44.39
trochanter) 77.25	with partial gastrectomy 43.7
Garceau operation (tibial tendon transfer)	laparoscopic 44.38
83.75	percutaneous (endoscopic) 44.32
Gardner operation (spinal meningocele	Gastrolysis 54.59
repair) <u>03.51</u>	laparoscopic <u>54.51</u>
Gas endarterectomy 38.10	Gastropexy 44.64
abdominal 38.16	Gastroplasty NEC <u>44.69</u>
aorta (arch) (ascending)(descending) 38.14	laparoscopic 44.68
coronary artery 36.09	vertical banded gastroplasty (VBG) 44.68
head and neck NEC 38.12	Gastroplication 44.69
intracranial NEC <u>38.11</u>	laparoscopic 44.68
lower limb 38.18	Gastropylorectomy <u>43.6</u>
thoracic NEC 38.15	Gastrorrhaphy 44.61
upper limb <u>38.13</u>	Gastroscopy NEC 44.13
Gastrectomy (partial) (subtotal) NEC <u>43.89</u>	through stoma (artificial) 44.12
with	transabdominal (operative) 44.11
anastomosis (to) NEC <u>43.89</u>	Gastrostomy (Brunschwig's) (decompression
duodenum <u>43.6</u>	(fine caliber tube) (Kader) (permanent)
esophagus <u>43.5</u>	(Stamm) (Stamm-Kader) (temporary)
gastrogastric <u>43.89</u>	(tube) (Witzel) <u>43.19</u>
jejunum <u>43.7</u>	Beck-Jianu <u>43.19</u>
esophagogastrostomy <u>43.5</u>	Frank's <u>43.19</u>
gastroduodenostomy (bypass) <u>43.6</u>	Janeway <u>43.19</u>
gastroenterostomy (bypass) 43.7	percutaneous (endoscopic) (PEG) 43.11
gastrogastrostomy (bypass) 43.89	Spivack's <u>43.19</u>
gastrojejunostomy (bypass) 43.7	Ssabanejew-Frank <u>43.19</u>
jejunal transposition 43.81	Gastrotomy <u>43.0</u>
complete NEC 43.99	for control of hemorrhage 44.49
with intestinal interposition 43.91	Gavage, gastric 96.35
distal 43.6	Gelman operation (release of clubfoot) 83.8
Hofmeister 43.7	Genioplasty (augmentation) (with graft)
Polya 43.7	(with implant) 76.68
proximal 43.5	reduction 76.67
radical NEC 43.99	<b>Ghormley operation</b> (hip fusion) 81.21
with intestinal interposition 43.91	

Gifford operation	Gonadectomy
destruction of lacrimal sac <u>09.6</u>	ovary
keratotomy (delimiting) <u>11.1</u>	bilateral <u>65.51</u>
radial (refractive) <u>11.75</u>	laparoscopic <u>65.53</u>
Gill operation	unilateral <u>65.39</u>
arthrodesis of shoulder <u>81.23</u>	laparoscopic <u>65.31</u>
laminectomy <u>03.09</u>	testis
Gill-Stein operation (carporadial	bilateral <u>62.41</u>
arthrodesis) <u>81.25</u>	unilateral <u>62.3</u>
Gilliam operation (uterine suspension)	Goniopuncture <u>12.51</u>
<u>69.22</u>	with goniotomy <u>12.53</u>
Gingivectomy 24.31	Gonioscopy <u>12.29</u>
Gingivoplasty (with bone graft) (with soft	Goniospasis <u>12.59</u>
tissue graft) <u>24.2</u>	Goniotomy (Barkan's) <u>12.52</u>
Girdlestone operation	with goniopuncture 12.53
laminectomy with spinal fusion 81.00	Goodal-Power operation (vagina) 70.8
muscle transfer for claw toe repair 77.57	Gordon-Taylor operation (hindquarter
resection of femoral head and neck	amputation) <u>84.19</u>
(without insertion of joint prosthesis)	GP IIB/IIIa inhibitor, infusion <u>99.20</u>
<u>77.85</u>	Graber-Duvernay operation (drilling of
with replacement prosthesis	femoral head) <u>77.15</u>
- see Implant, joint, hip	Graft, grafting
resection of hip prosthesis 80.05	aneurysm <u>39.52</u>
with replacement prosthesis	endovascular
- see Implant, joint, hip	abdominal aorta 39.71
Girdlestone-Taylor operation (muscle	lower extremity artery(s) 39.79
transfer for claw toe repair) 77.57	thoracic aorta 39.73
Glenn operation (anastomosis of superior	upper extremity artery(s) 39.79
vena cava to right pulmonary artery)	artery, arterial (patch) <u>39.58</u>
<u>39.21</u>	with
Glenoplasty, shoulder <u>81.83</u>	excision or resection of vessel see
with	Arteriectomy, with graft replacement
partial replacement <u>81.81</u>	synthetic patch (Dacron) (Teflon) <u>39.57</u>
total replacement <u>81.80</u>	tissue patch (vein) (autogenous)
for recurrent dislocation 81.82	(homograft) <u>39.56</u>
Glomectomy	blood vessel (patch) 39.58
carotid 39.8	with
jugulare <u>20.51</u>	excision or resection of vessel see
Glossectomy (complete) (total) <u>25.3</u>	Angiectomy, with graft replacement
partial or subtotal <u>25.2</u>	synthetic patch (Dacron) (Teflon) <u>39.57</u>
radical <u>25.4</u>	tissue patch (vein) (autogenous)
Glossopexy 25.59	(homograft) 39.56
Glossoplasty NEC 25.59	bone (autogenous) (bone bank) (dual onlay)
Glossorrhaphy 25.51	(heterogenous) (inlay) (massive onlay)
Glossotomy NEC 25.94	(multiple) (osteoperiosteal) (peg)
for tongue tie 25.91	(subperiosteal) (with metallic fixation)
Glycoprotein IIB/IIIa inhibitor 99.20	78.00
Goebel-Frangenheim-Stoeckel operation	with
(urethrovesical suspension) 59.4	arthrodesis see Arthrodesis
Goldner operation (clubfoot release) 80.48	arthroplasty see Arthroplasty
Goldthwaite operation	gingivoplasty 24.2
ankle stabilization 81.11	lengthening see Lengthening, bone carpals, metacarpals <u>78.04</u>
patellar stabilization 81.44	clavicle 78.01
tendon transfer for stabilization of patella 81.44	facial NEC 76.91
pateria <u>61.44</u>	with total ostectomy 76.44
	femur 78.05
	fibula 78.07
	115414 <u>7 0.07</u>

6 6 61 1 6 .	
Graft, grafting -boneCont.	Graft, graftingCont.
humerus <u>78.02</u>	fascia <u>83.82</u>
joint see Arthroplasty	with hernia repair see Repair, hernia
mandible <u>76.91</u>	eyelid <u>08.32</u>
with total mandibulectomy <u>76.41</u>	hand <u>82.72</u>
marrow see Transplant, bone, marrow	tarsal cartilage <u>08.69</u>
nose see Graft, nose	fat pad NEC <u>86.89</u>
patella <u>78.06</u>	with skin graft see Graft, skin,
pelvic <u>78.09</u>	full-thickness
pericranial <u>02.04</u>	flap (advanced) (rotating) (sliding)
phalanges (foot) (hand) 78.09	see also Graft, skin, pedicle
radius <u>78.03</u>	tarsoconjunctival 08.64
scapula <u>78.01</u>	hair-bearing skin <u>86.64</u>
skull <u>02.04</u>	hand
specified site NEC 78.09	fascia <u>82.72</u>
spine <u>78.09</u>	free skin 86.62
with fusion see Fusion, spinal	muscle 82.72
tarsal, metatarsal 78.08	pedicle (flap) <u>86.73</u>
thorax (ribs) (sternum) 78.01	tendon <u>82.79</u>
thumb (with transfer of skin flap) 82.69	heart, for revascularization-see category 36.3
tibia <u>78.07</u>	joint see Arthroplasty
ulna <u>78.03</u>	larynx <u>31.69</u>
vertebrae 78.09	lip <u>27.56</u>
with fusion see Fusion, spinal	full-thickness 27.55
breast see also Mammoplasty <u>85.89</u>	lymphatic structure(s) (channel) (node)
buccal sulcus 27.99	(vessel) <u>40.9</u>
cartilage (joint) see also Arthroplasty	mediastinal fat to myocardium <u>36.39</u>
nose see Graft, nose	meninges (cerebral) 02.12
chest wall (mesh) (silastic) 34.79	mouth, except palate 27.56
conjunctiva (free) (mucosa) 10.44	full-thickness <u>27.55</u>
for symblepharon repair 10.41	muscle <u>83.82</u>
cornea see also Keratoplasty 11.60	hand <u>82.72</u>
dermal-fat <u>86.69</u>	myocardium, for revascularization <u>36.39</u>
dermal regenerative <u>86.67</u>	nasolabial flaps 21.86
dura <u>02.12</u>	nerve (cranial) (peripheral) <u>04.5</u>
ear	nipple <u>85.86</u>
auricle <u>18.79</u>	nose <u>21.89</u>
external auditory meatus <u>18.6</u>	with
inner <u>20.61</u>	augmentation 21.85
pedicle preparation 86.71	rhinoplasty see Rhinoplasty
esophagus NEC <u>42.87</u>	total reconstruction 21.83
with interposition (intrathoracic) NEC	septum <u>21.88</u>
42.58	tip <u>21.86</u>
antesternal or antethoracic NEC 42.68	
colon (intrathoracic) 42.55	to myocardium 36.39
antesternal or antethoracic 42.65	orbit (bone) (cartilage) (skin) 16.63
small bowel (intrathoracic) 42.53	outflow tract (patch) (pulmonary valve) 35.26
antesternal or antethoracic 42.63	in total repair of tetralogy of Fallot <u>35.81</u>
eyebrow see also Reconstruction, eyelid,	ovary <u>65.92</u>
with graft <u>08.69</u>	palate <u>27.69</u>
eyelid see also Reconstruction,	for cleft palate repair 27.62
eyelid, with graft 08.69	pedicle see Graft, skin, pedicle
free mucous membrane <u>08.62</u>	penis (rib) (skin) <u>64.49</u>
eye socket (skin) (cartilage) (bone) <u>16.63</u>	pigskin <u>86.65</u>
fallopian tube <u>66.79</u>	pinch see Graft, skin, free
	pocket see Graft, skin, pedicle
	porcine <u>86.65</u>
	postauricular (Wolff) <u>18.79</u>



Graft, graftingCont.
razor see Graft, skin, free
rope see Graft, skin, pedicle
saphenous vein in aortocoronary bypass
see Bypass, aortocoronary
scrotum 61.49
skin (partial-thickness) (split-thickness)
86.69
amnionic membrane 86.66
auditory meatus (ear) 18.6
dermal-fat 86.69
for breast augmentation 85.50
dermal regenerative 86.67
ear
auditory meatus 18.6
postauricular <u>18.79</u>
eyelid <u>08.61</u>
flap see Graft, skin, pedicle
free (autogenous) NEC <u>86.60</u>
lip <u>27.56</u>
thumb <u>86.62</u>
for
pollicization 82.61
reconstruction 82.69
full-thickness 86.63
breast 85.83
hand 86.61
hair-bearing 86.64
eyelid or eyebrow 08.63
hand 86.62
full-thickness 86.61
heterograft 86.65
homograft 86.66
island flap 86.70
mucous membrane <u>86.69</u>
eyelid <u>08.62</u>
nose see Graft, nose
pedicle (flap) (tube) <u>86.70</u>
advancement <u>86.72</u>
attachment to site (advanced)
(double) (rotating) (sliding) 86.74
hand (cross finger) (pocket) 86.73
lip <u>27.57</u>
mouth <u>27.57</u>
thumb 86.73
for
pollicization 82.61
reconstruction NEC 82.69
breast <u>85.84</u>
transverse rectus abdominis
musculocutaneous (TRAM) <u>85.7</u>

Graft, grafting -skin -pedicleCont.
defatting <u>86.75</u>
delayed <u>86.71</u>
design and raising <u>86.71</u>
elevation <u>86.71</u>
preparation of (cutting) <u>86.71</u>
revision <u>86.75</u>
sculpturing <u>86.71</u>
transection <u>86.71</u>
transfer <u>86.74</u>
trimming <u>86.71</u>
postauricular <u>18.79</u>
rotation flap <u>86.70</u>
specified site NEC <u>86.69</u>
full-thickness <u>86.63</u>
tarsal cartilage <u>08.69</u>
temporalis muscle to orbit <u>16.63</u>
with exenteration of orbit 16.59
tendon <u>83.81</u>
for joint repair see Arthroplasty
hand <u>82.79</u>
testicle <u>62.69</u>
thumb (for reconstruction) NEC <u>82.69</u>
tongue (mucosal) (skin) <u>25.59</u>
trachea <u>31.79</u>
tubular (tube) see Graft, skin, pedicle
tunnel see Graft, skin, pedicle
tympanum see also Tympanoplasty
<u>19.4</u>
ureter <u>56.89</u>
vein (patch) <u>39.58</u>
with
excision or resection of vessel
see Phlebectomy, with graft
replacement
synthetic patch (Dacron) (Teflon)
<u>39.57</u>
tissue patch (vein) (autogenous)
(homograft) 39.56
vermilion border (lip) 27.56
Grattage, conjunctiva 10.31
Green operation (scapulopexy) 78.41
Grice operation (subtalar arthrodesis) 81.13
Grip, strength 93.04
Gritti-Stokes operation (knee disarticulation)
84.16
Gross operation (herniorrhaphy) 53.49
Group therapy 94.44
Guttering, bone see also Excision,
lesion, bone 77.60
Guyon operation (amputation of ankle) 84.13

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Hagner operation (epididymotomy) 63.92	Hemodilution 99.03
Halsted operation see Repair, hernia,	Hemofiltration (extracorporeal) 39.95
inguinal	Hemorrhage control see Control, hemorrhage
Hampton operation (anastomosis small	Hemorrhoidectomy <u>49.46</u>
intestine to rectal stump) 45.92	by
Hanging hip operation (muscle release)	cautery, cauterization 49.43
83.19	crushing <u>49.45</u>
Harelip operation <u>27.54</u>	cryotherapy, cryosurgery <u>49.44</u>
Harrison-Richardson operation (vaginal	excision <u>49.46</u>
suspension) 70.77	injection 49.42
Hartmann resection (of intestine) (with	ligation <u>49.45</u>
pouch) see Colectomy, by site	Hemostasis see Control, hemorrhage
Harvesting	Henley operation (jejunal transposition) 43.81
bone marrow 41.91	Hepatectomy (complete) (total) 50.4
stem cells <u>99.79</u>	partial or subtotal <u>50.22</u>
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revision <u>81.97</u>	leads) <u>00.50</u>
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kidney, mechanical <u>55.97</u>	coronary venous system <u>00.52</u>
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(gusset type)	channel (single) 20.97
in	multiple 20.98
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	finger 81.71
	hand (metacarpophalangeal)
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Implant -prosthesis -jointCont.	Implant -Swanson prosthesisCont.
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total <u>81.51</u>	for hallux valgus repair 77.59
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for hallux valgus repair 77.59	62.7
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(kineplastic) 84.48	with
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	blood vessel repair 39.56
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radioactive isotope 92.27	fat 59.72
radium (radon) 92.27	polytef 59.72
retinal attachment 14.41	urethral sphincter, artificial (inflatable) 58.93
with buckling 14.41	urinary sphincter, artificial(inflatable) $\frac{58.93}{}$
Rickham reservoir <u>02.2</u>	vascular access device <u>86.07</u>
silicone	vitreous (silicone) 14.75
breast (bilateral) <u>85.54</u>	for retinal reattachment <u>14.41</u>
unilateral <u>85.53</u>	with buckling <u>14.41</u>
skin (for filling of defect) <u>86.02</u>	vocal cord(s) (paraglottic) 31.98
for augmentation NEC <u>86.89</u>	X Stop™ 84.58
spine NEC <u>84.59</u>	Implosion (psychologic desensitization) 94.33
interspinous process decompression	Incision (and drainage)
device 84.58	with
stimoceiver -see Implant, neurostimulator,	exploration see Exploration
by site	removal of foreign body
sudural	see Removal, foreign body
grids 02.93	abdominal wall 54.0
<u> </u>	
strips 02.93	as operative approach omit code
Swanson prosthesis (joint) (silastic) NEC	abscess see also Incision, by site
81.96	appendix 47.2
carpocarpal, carpometacarpal <u>81.74</u>	with appendectomy 47.09
finger <u>81.71</u>	laparoscopic 47.01
hand (metacarpophalangeal)	extraperitoneal <u>54.0</u>
(interphalangeal) <u>81.71</u>	ischiorectal <u>49.01</u>
interphalangeal <u>81.71</u>	lip <u>27.0</u>
knee (partial) (total) <u>81.54</u>	omental <u>54.19</u>
revision 81.55	perianal 49.01
metacarpophalangeal 81.71	perigastric <u>54.19</u>
	nerisnlenic 54 19

Incision (and drainage) -abscessCont.	Incision (and drainage) -boneCont.
peritoneal NEC <u>54.19</u>	radius <u>77.13</u>
pelvic (female) 70.12	scapula <u>77.11</u>
retroperitoneal <u>54.0</u>	skull <u>01.24</u>
sclera <u>12.89</u>	specified site NEC 77.19
skin <u>86.04</u>	tarsals, metatarsals 77.18
subcutaneous tissue <u>86.04</u>	thorax (ribs) (sternum) 77.11
subdiaphragmatic <u>54.19</u>	tibia <u>77.17</u>
subhepatic 54.19	ulna <u>77.13</u>
subphrenic 54.19	vertebrae 77.19
vas deferens <u>63.6</u>	brain <u>01.39</u>
adrenal gland 07.41	cortical adhesions 02.91
alveolus, alveolar bone 24.0	breast (skin) <u>85.0</u>
antecubital fossa 86.09	with removal of tissue expander <u>85.96</u>
anus NEC <u>49.93</u>	bronchus 33.0
fistula 49.11	buccal space 27.0
septum 49.91	bulbourethral gland <u>58.91</u>
appendix <u>47.2</u>	bursa 83.03
artery 38.00	hand 82.03
abdominal <u>38.06</u>	pharynx <u>29.0</u>
aorta (arch) (ascending) (descending)	carotid body 39.8
38.04	cerebral (meninges) <u>01.39</u>
head and neck NEC 38.02	epidural or extradural space <u>01.24</u>
intracranial NEC 38.01	subarachnoid or subdural space 01.31
lower limb 38.08	cerebrum 01.39
thoracic NEC 38.05	cervix 69.95
upper limb <u>38.03</u>	to
atrium (heart) <u>37.11</u>	assist delivery <u>73.93</u>
auditory canal or meatus, external 18.02	replace inverted uterus 75.93
auricle 18.09	chalazion 08.09
axilla 86.09	with removal of capsule <u>08.21</u>
Bartholin's gland or cyst 71.22	cheek 86.09
bile duct (with T or Y tube insertion) NEC	chest wall (for extrapleural drainage) (for
51.59	removal of foreign body) 34.01
common (exploratory) <u>51.51</u>	as operative approach omit code
for	common bile duct (for exploration) 51.51
relief of obstruction NEC 51.42	for
removal of calculus 51.41	relief of obstruction 51.42
for	removal of calculus 51.41
exploration <u>51.59</u>	common wall between posterior left atrium
relief of obstruction 51.49	and coronary sinus (with roofing of
bladder <u>57.19</u>	resultant defect with patch graft) 35.82
neck (transurethral) 57.91	conjunctiva 10.1
percutaneous suprapubic (closed)	cornea 11.1
57.17	radial (refractive) 11.75
suprapubic NEC <u>57.18</u>	cranial sinus <u>01.21</u>
blood vessel see also Angiotomy 38.00	craniobuccal pouch <u>07.72</u>
bone 77.10	cul-de-sac <u>70.12</u>
alveolus, alveolar 24.0	cyst
carpals, metacarpals 77.14	dentigerous <u>24.0</u>
clavicle <u>77.11</u>	radicular (apical) (periapical) 24.0
facial 76.09	Duhrssen's (cervix, to assist delivery) 73.93
femur 77.15	duodenum 45.01
fibula 77.17	ear
humerus 77.12	external 18.09
patella <u>77.16</u>	inner 20.79
pelvic 77.19	middle 20.23
phalanges (foot) (hand) 77.19	endocardium 37.11

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Incision (and drainage) -hematomaCont.	Incision (and drainage)Cont.
endolymphatic sac <u>20.79</u>	hepatic ducts 51.59
epididymis <u>63.92</u>	hordeolum <u>08.09</u>
epidural space, cerebral <u>01.24</u>	hygroma see also Incision, by site
epigastric region <u>54.0</u>	cystic <u>40.0</u>
intra-abdominal 54.19	hymen 70.11
esophagus, esophageal NEC 42.09	hypochondrium <u>54.0</u>
web <u>42.01</u>	intra-abdominal 54.19
exploratory see Exploration	hypophysis 07.72
extradural space (cerebral) 01.24	iliac fossa <u>54.0</u>
extrapleural 34.01	infratemporal fossa 27.0
eyebrow <u>08.09</u>	ingrown nail 86.09
eyelid 08.09	intestine 45.00
margin (trichiasis) 08.01	large 45.03
face <u>86.09</u>	small 45.02
fallopian tube <u>66.01</u>	intracerebral 01.39
fascia 83.09	intracranial (epidural space) (extradural
with division 83.14	space) <u>01.24</u>
hand 82.12	subarachnoid or subdural space 01.31
hand 82.09	intraperitoneal 54.19
with division 82.12	ischiorectal tissue 49.02
fascial compartments, head and neck 27.0	abscess 49.01
fistula, anal $\frac{49.11}{}$	joint structuressee also Arthrotomy 80.10
flank 54.0	kidney <u>55.01</u>
furuncle see Incision, by site	pelvis <u>55.11</u>
gallbladder 51.04	labia 71.09
gingiva 24.0	lacrimal
gluteal 86.09	canaliculus 09.52
groin region(abdominal wall)(inquinal)	gland 09.0
54.0	passage NEC <u>09.59</u>
skin <u>86.09</u>	punctum <u>09.51</u>
subcutaneous tissue 86.09	sac 09.53
gum 24.0	larynx NEC 31.3
hair follicles 86.09	ligamentum flavum (spine) omit code
heart <u>37.10</u>	liver 50.0
valve see Valvulotomy	lung <u>33.1</u>
hematoma see also Incision, by site	lymphangioma <u>40.0</u>
axilla 86.04	lymphatic structure (channel) (node) (vessel)
broad ligament 69.98	40.0
ear <u>18.09</u>	mastoid <u>20.21</u>
episiotomy site <u>75.91</u>	mediastinum 34.1
fossa (superficial) NEC <u>86.04</u>	meibomian gland <u>08.09</u>
groin region (abdominal wall)	meninges (cerebral) 01.31
(inguinal) 54.0	spinal 03.09
skin <u>86.04</u>	midpalmar space <u>82.04</u>
subcutaneous tissue <u>86.04</u>	mouth NEC <u>27.92</u>
laparotomy site 54.12	floor <u>27.0</u>
mediastinum 34.1	muscle 83.02
perineum (female) 71.09	with division 83.19
male <u>86.04</u>	hand <u>82.19</u>
popliteal space 86.04	hand 82.02
scrotum 61.0	with division 82.19
skin <u>86.04</u>	myocardium <u>37.11</u>
space of Retzius <u>59.19</u>	nailbed or nailfold 86.09
subcutaneous tissue 86.04	nasolacrimal duct (stricture) <u>09.59</u>
vagina (cuff) 70.14 episotomy site 75.91	neck <u>86.09</u> nerve (cranial) (peripheral) NEC <u>04.04</u>
obstetrical NEC 75.92	root (spinal) 03.1
ODJICCITCAL INEC 13.32	100t (3pilial) <u>00.1</u>

Institute (and dustiness). Cont	Indiana (and durinana) Caut
Incision (and drainage)Cont.	Incision (and drainage)Cont.
nose <u>21.1</u>	renal pelvis 55.11
omentum <u>54.19</u>	retroperitoneum <u>54.0</u>
orbit see also Orbitotomy 16.09	retropharyngeal (oral) (transcervical) 28.0
ovary <u>65.09</u>	salivary gland or duct <u>26.0</u>
laparoscopic <u>65.01</u>	sclera <u>12.89</u>
palate <u>27.1</u>	scrotum 61.0
palmar space (middle) <u>82.04</u>	sebaceous cyst <u>86.04</u>
pancreas 52.09	seminal vesicle <u>60.72</u>
pancreatic sphincter 51.82	sinus see Sinusotomy
endoscopic <u>51.85</u>	Skene's duct or gland 71.09
parapharyngeal (oral) (transcervical) 28.0	skin <u>86.09</u>
paronychia <u>86.09</u>	with drainage <u>86.04</u>
parotid	breast <u>85.0</u>
gland or duct <u>26.0</u>	cardiac pacemaker pocket, new site <u>37.79</u>
space <u>27.0</u>	ear <u>18.09</u>
pelvirectal tissue <u>48.81</u>	nose <u>21.1</u>
penis <u>64.92</u>	subcutaneous tunnel for pulse generator
perianal (skin) (tissue) 49.02	lead wire <u>86.99</u>
abscess <u>49.01</u>	with initial procedure - omit code
perigastric <u>54.19</u>	thalamic stimulator pulse generator
perineum (female) <u>71.09</u>	pocket, new site 86.09
male <u>86.09</u>	with initial insertion of battery package
peripheral vessels	- omit code
lower limb	tunnel, subcutaneous for pulse generator
artery <u>38.08</u>	lead wire <u>86.99</u>
vein <u>38.09</u>	with initial procedure - omit code
upper limb (artery) (vein) <u>38.03</u>	skull (bone) <u>01.24</u>
periprostatic tissue <u>60.81</u>	soft tissue NEC <u>83.09</u>
perirectal tissue <u>48.81</u>	with division <u>83.19</u>
perirenal tissue <u>59.09</u>	hand <u>82.19</u>
perisplenic <u>54.19</u>	hand <u>82.09</u>
peritoneum <u>54.95</u>	with division 82.19
by laparotomy <u>54.19</u>	space of Retzius <u>59.19</u>
pelvic (female) <u>70.12</u>	spermatic cord <u>63.93</u>
male <u>54.19</u>	sphincter of Oddi <u>51.82</u>
periureteral tissue <u>59.09</u>	endoscopic <u>51.85</u>
periurethral tissue <u>58.91</u>	spinal
perivesical tissue <u>59.19</u>	cord <u>03.09</u>
petrous pyramid (air cells) (apex)	nerve root <u>03.1</u>
(mastoid) <u>20.22</u>	spleen <u>41.2</u>
pharynx, pharyngeal (bursa) <u>29.0</u>	stomach <u>43.0</u>
space, lateral <u>27.0</u>	stye <u>08.09</u>
pilonidal sinus (cyst) <u>86.03</u>	subarachnoid space, cerebral <u>01.31</u>
pineal gland <u>07.52</u>	subcutaneous tissue <u>86.09</u>
pituitary (gland) <u>07.72</u>	with drainage <u>86.04</u>
pleura NEC <u>34.09</u>	tunnel
popliteal space <u>86.09</u>	esophageal <u>42.86</u>
postzygomatic space <u>27.0</u>	with anastomosis -see Anastomosis,
pouch of Douglas <u>70.12</u>	esophagus, antesternal
prostate (perineal approach)	pulse generator lead wire 86.99
(transurethral approach) 60.0	with initial procedure - omit code
pterygopalatine fossa <u>27.0</u>	subdiaphragmatic space <u>54.19</u>
pulp canal (tooth) 24.0	subdural space, cerebral 01.31
Rathke's pouch <u>07.72</u>	sublingual space <u>27.0</u>
rectovaginal septum 48.81	submandibular space 27.0
rectum <u>48.0</u>	submaxillary <u>86.09</u>
stricture 48.91	with drainage 86.04

OCEDURES (FY07)				
Indentation, sclera, for buckling				
see also Buckling, scleral 14.49				
Indicator dilution flow measurement 89.6	<u>8</u>			
Induction				
abortion				
by				
D and C <u>69.01</u>	m,			
insertion of prostaglandin supposito 96.49	ıy			
	lin\			
intra-amniotic injection (prostagland	1111)			
(saline) <u>75.0</u> labor				
medical <u>73.4</u>				
surgical 73.01				
intra- and extra-amniotic injection 73.1				
stripping of membranes 73.1	-			
Inflation				
belt wrap <u>93.99</u>				
Eustachian tube 20.8				
fallopian tube 66.8				
with injection of therapeutic agent 66.	95			
Infolding, sclera, for buckling	-			
see also Buckling, scleral <u>14.49</u>				
Infraction, turbinates (nasal) 21.62				
Infundibulectomy				
hypophyseal see also Hypophysectomy	,			
partial <u>07.63</u>				
ventricle (heart) (right) 35.34				
in total repair of tetralogy of Fallot 35.	<u>81</u>			
Infusion (intra-arterial) (intravenous)				
Abciximab 99.20				
antibiotic				
oxazolidinone class <u>00.14</u>	0.35			
antineoplastic agent(chemotherapeutic)				
biological response modifier[BRM] 99.2	<u> </u>			
cintredekin besudotox 99.28 high-dose interleukin-2 00.15				
low-dose interleukin-2 00.15				
biological response modifier [BRM],				
antineoplastic agent <u>99.28</u>				
cintredekin besudotox 99.28				
high-dose interleukin-2 00.15				
low-dose interleukin-2 99.28				
cancer chemotherapy agent NEC 99.25				
cintredekin besudotox 99.28				
drotrecogin alfa (activated) 00.11				
electrolytes 99.18				
enzymes, thrombolytic (streptokinase)				
(tissue plasminogen activator) (TPA)				
(urokinase)				
direct coronary artery 36.04				
intravenous <u>99.10</u>				
Eptifibatide 99.20				
GP IIB/IIIa inhibitor <u>99.20</u>				
hormone substance NEC 99.24				
human B-type natriuretic peptide(hBNP)00				
immunosuppressive antibody therapy 00	).18			
nesiritide <u>00.13</u>				

ncision (and drainage)Cont.
submental space <u>27.0</u>
subphrenic space <u>54.19</u>
supraclavicular fossa <u>86.09</u>
with drainage <u>86.04</u>
sweat glands, skin <u>86.04</u>
temporal pouches <u>27.0</u>
tendon (sheath) 83.01
with division 83.13
hand 82.11
hand <u>82.01</u>
with division 82.11
testis 62.0
thenar space 82.04
thymus <u>07.92</u>
thyroid (field) (gland) NEC <u>06.09</u>
postoperative <u>06.02</u>
tongue NEC 25.94
for tongue tie <u>25.91</u>
tonsil <u>28.0</u>
trachea NEC 31.3
tunica vaginalis <u>61.0</u>
umbilicus <u>54.0</u>
urachal cyst <u>54.0</u>
ureter <u>56.2</u>
urethra <u>58.0</u>
uterus (corpus) <u>68.0</u>
cervix 69.96
for termination of pregnancy 74.91
septum (congenital) 68.22
uvula <u>27.71</u>
vagina (cuff) (septum) (stenosis) 70.14
for
incisional hematoma (episiotomy)
75.91
obstetrical hematoma NEC 75.92
pelvic abscess 70.12
vas deferens 63.6
vein 38.00
abdominal <u>38.07</u>
head and neck NEC 38.02
intracranial NEC 38.01
lower limb 38.09
thoracic NEC 38.05
upper limb 38.03
vertebral column <u>03.09</u>
vulva <u>71.09</u>
obstetrical <u>75.92</u>
web, esophageal <u>42.01</u>
ncudectomy NEC <u>19.3</u>
with
stapedectomysee also Stapedectomy
<u>19.19</u>
tympanoplasty see Tympanoplasty
ncudopexy <u>19.19</u>
ncudostapediopexy 19.19
with incus replacement 19.11

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InfusionCont.	InjectionCont.
neuroprotective agent <u>99.75</u>	antivenin <u>99.16</u>
nimodipine <u>99.75</u>	barrier substance, adhesion <u>99.77</u>
nutritional substance see Nutrition	BCG
platelet inhibitor	for chemotherapy <u>99.25</u>
direct coronary artery <u>36.04</u>	vaccine <u>99.33</u>
intravenous <u>99.20</u>	biological response modifier [BRM],
Proleukin (low-dose) 99.28	antineoplastic agent <u>99.28</u>
high-dose <u>00.15</u>	cintredekin besudotox 99.28
prophylactic substance NEC 99.29	high-dose interleukin-2 <u>00.15</u>
radioisotope (liquid brachytherapy)	low-dose interleukin-2 99.28
(liquid I-125) <u>92.20</u>	bone marrow <u>41.92</u>
radioimmunoconjugate 92.28	transplantsee Transplant, bone, marrow
radioimmunotherapy <u>92.28</u>	breast (therapeutic agent) <u>85.92</u>
recombinant protein <u>00.11</u>	inert material (silicone) (bilateral) <u>85.52</u>
reteplase <u>99.10</u>	unilateral <u>85.51</u>
therapeutic substance NEC 99.29	bursa (therapeutic agent) <u>83.96</u>
thrombolytic agent	hand <u>82.94</u>
(enzyme)(streptokinase) 99.10	cancer chemotherapeutic agent 99.25
with percutaneous transluminal	caudal see Injection, spinal
angioplasty	cintredekin besudotox 99.28
Neter Alexander 00 40 00 41 00 43	cortisone <u>99.23</u>
Note: Also use <u>00.40, 00.41, 00.42,</u>	costochondral junction 81.92
or 00.43 to show the total	dinoprost-tromethine, intra-amniotic 75.0
number of vessels treated.	disc, intervertebral (herniated) <u>80.52</u>
coronary (single vessel) 36.02	ear, with alcohol <u>20.72</u>
multiple vessels 36.05	electrolytes <u>99.18</u>
non-coronary vessel(s) 39.50	enzymes, thrombolytic (streptokinase)
specified site NEC 39.50	(tissue plasminogen activator) (TPA)
direct intracoronary artery 36.04	(urokinase)
tirofiban (HCL) 99.20	direct coronary artery 36.04
vaccine	intravenous <u>99.10</u>
tumor 99.28	epidural, spinal see Injection, spinal
vasopressor 00.17	esophageal varices or blood vessel
Injection (into) (hypodermically)	(endoscopic) (sclerosing agent) 42.33
(intramuscularly) (intravenously)	Eustachian tube (inert material) 20.8
(acting locally or systemically)	eye (orbit) (retrobulbar) <u>16.91</u>
Actinomycin D, for cancer chemotherapy	anterior chamber <u>12.92</u>
99.25	subconjunctival <u>10.91</u>
adhesion barrier substance 99.77	fascia <u>83.98</u>
alcohol	hand <u>82.96</u>
nerve see Injection, nerve	gamma globulin <u>99.14</u>
spinal 03.8	ganglion, sympathetic <u>05.39</u>
anterior chamber, eye (air) (liquid)	ciliary <u>12.79</u>
(medication) 12.92	paravertebral stellate <u>05.39</u>
antibiotic 99.21	gel, adhesion barrier - see Injection,
oxazolidinone class 00.14	adhesion barrier substance
anticoagulant 99.19	globulin
anti-D (Rhesus) globulin 99.11	anti-D (Rhesus) <u>99.11</u>
antidote NEC 99.16	gamma <u>99.14</u>
anti-infective NEC 99.22	Rh immune <u>99.11</u>
antineoplastic agent (chemotherapeutic)	heart <u>37.92</u>
NEC <u>99.25</u>	heavy metal antagonist <u>99.16</u>
biological response modifier [BRM]	hemorrhoids (sclerosing agent) 49.42
99.28	hormone NEC 99.24
cintredekin besudotox 99.28	human B-type natriuretic peptide (hBNP)
high-dose interleukin-2 00.15	00.13
low-dose interleukin-2 99.28	immune sera <u>99.14</u>

Injection---Cont.

insulin 99.17

80.52 intra-amniotic for induction of abortion 75.0 labor 73.1

55.96 larynx 31.0

99.25

optic <u>16.91</u> sympathetic <u>05.39</u> alcohol 05.32

nimodipine 99.75 orbit 16.91 pericardium 37.93 peritoneal cavity air 54.96

54.97 platelet inhibitor

prostate 60.92

92.28 renal pelvis (cyst) 55.96

agent NEC <u>04.89</u> alcohol <u>04.2</u>

neurolytic <u>04.2</u> phenol <u>04.2</u>

neuroprotective agent 99.75

liver 50.94

inert material -- see Implant, inert material

intervertebral space for herniated disc

inner ear, for destruction 20.72

intrathecal -- see Injection, spinal joint (therapeutic agent) 81.92 temporomandibular 76.96 kidney (cyst) (therapeutic substance) NEC

lung, for surgical collapse 33.32
Methotrexate, for cancer chemotherapy

nerve (cranial) (peripheral) 04.80

ligament (joint)(therapeutic substance) 81.92

anesthetic for analgesia <u>04.81</u>
for operative anesthesia -- *omit code* 

anesthetic for analgesia <u>05.31</u> neurolytic agent <u>05.32</u> phenol <u>05.32</u> nesiritide <u>00.13</u>

locally-acting therapeutic substance

radioisotopes (intracavitary) (intravenous)

retrobulbar (therapeutic substance) 16.91 for anesthesia -- omit code Rh immune globulin 99.11

direct coronary artery <u>36.04</u> intravenous <u>99.20</u>

prophylactic substance NEC 99.29

radioimmunoconjugate <u>92.28</u> radioimmunotherapy <u>92.28</u>

laryngeal (external) (recurrent) (superior) 31.91

OCEDURES (FY07)	
InjectionCont.	
RhoGAM <u>99.11</u>	
sclerosing agent NEC <u>99.29</u>	
esophageal varices (endoscopic) 42.3	<u> 33</u>
hemorrhoids 49.42	
pleura <u>34.92</u>	
treatment of malignancy (cytotoxic a 34.92 [99.25]	gent)
with tetracycline 34.92 [99.21]	
varicose vein 39.92	
vein NEC <u>39.92</u>	
semicircular canals, for destruction 20.	<u>72</u>
silicone see Implant, inert material	
skin (sclerosing agent) (filling material)	<u>86.02</u>
soft tissue 83.98	
hand <u>82.96</u>	
spinal (canal) NEC <u>03.92</u>	
alcohol <u>03.8</u>	
anesthetic agent for analgesia <u>03.91</u> for operative anesthesia <i>omit co</i>	do
contrast material (for myelogram) 87	
destructive agent NEC 03.8	.21
neurolytic agent NEC 03.8	
phenol 03.8	
proteolytic enzyme (chymodiactin)	
(chymopapain) 80.52	
saline (hypothermic) 03.92	
steroid NEC <u>03.92</u>	
spinal nerve root (intrathecal)	
see Injection, spinal	
steroid NEC 99.23	
subarachnoid, spinal see Injection, sp	inal
subconjunctival 10.91	
tendon <u>83.97</u> hand <u>82.95</u>	
testis 62.92	
therapeutic agent NEC 99.29	
thoracic cavity 34.92	
thrombolytic agent (enzyme)(streptokin	ase)
with percutaneous transluminal angi	oplastv
Note: Also use 00.40, 00.41, 00.42	
00.43 to show the total numb	
of vessels treated.	
coronary 00.66	
non coronary vessels <u>39.50</u>	
specified site NEC 39.50	
direct intracoronary artery 36.04	
trachea <u>31.94</u>	
tranquilizer <u>99.26</u>	
tunica vaginalis (with aspiration) 61.91	
tympanum <u>20.94</u>	
urethra (inert material)	
for repair of urinary stress incontiner	ıce
collagen implant 59.72	. 72
endoscopic injection of implant 59 72	1.12

polytef implant 59.72

InjectionCont.	InsertionCont.
vaccine	breast implant (for augmentation) (bilateral)
tumor <u>99.28</u>	<u>85.54</u>
varices, esophagus (endoscopic)	unilateral <u>85.53</u>
(sclerosing agent) 42.33	bridge (dental) (fixed) 23.42
varicose vein (sclerosing agent) 39.92	removable 23.43
esophagus (endoscopic) 42.33	bubble (balloon), stomach 44.93
vestibule, for destruction 20.72	caliper tongs (skull) (with synchronous
vitreous substitute (silicone) 14.75	skeletal traction) 02.94
for reattachment of retina 14.59	cannula
vocal cords 31.0	Allen-Brown 39.93
Inlay, tooth 23.3	for extracorporeal membrane oxygenation
Inoculation	(ECMO) omit code
antitoxinssee Administration, antitoxins	nasal sinus (by puncture) 22.01
toxoids see Administration, toxoids	through natural ostium 22.02
vaccine see Administration, vaccine	pancreatic duct 52.92
Insemination, artificial 69.92	endoscopic 52.93
Insertion	vessel to vessel 39.93
airway	cardiac resynchronization device
	defibrillator (biventricular defibrillator)
esophageal obturator <u>96.03</u>	(BiV ICD) (BiV pacemaker with
nasopharynx <u>96.01</u>	defibrillator) (BiV pacing with
oropharynx 96.02	defibrillator) (CRT-D) (device and one
Allen-Brown cannula 39.93	
arch bars (orthodontic) 24.7	or more leads) (total system) 00.51
for immobilization (fracture) 93.55	left ventricular coronary venous lead
atrial septal umbrella 35.52	only <u>00.52</u>
Austin-Moore prosthesis 81.52	pulse generator only 00.54
baffle, heart (atrial) (interatrial) (intra-	pacemaker (biventricular pacemaker) (BiV
atrial) <u>35.91</u>	pacemaker) (CRT-P) (device and one
bag, cervix (nonobstetrical) 67.0	or more leads) (total system) <u>00.50</u>
after delivery or abortion 75.8	left ventricular coronary venous lead
to assist delivery or induce labor 73.1	only <u>00.52</u>
Baker's (tube) (for stenting) 46.85	pulse generator only <u>00.53</u>
balloon	cardiac support device (CSD) (CorCap™)
gastric <u>44.93</u>	<u>37.41</u>
heart (pulsation-type) (Kantrowitz)	carotid artery stent(s)(stent graft) ( <u>00.63</u> )
<u>37.61</u>	Note: Also use 00.40, 00.41, 00.42,
intestine (for decompression)	or 00.43 to show the total
(for dilation) 46.85	number of vessels treated.
band (adjustable)	Use code 00.44 once to show
gastric, laparoscopic <u>44.95</u>	procedure on a bifurcated
Lap-Band™ <u>44.95</u>	vessel. In addition, use 00.45,
Barton's tongs (skull) (with synchronous	00.46, 00.47, or 00.48 to
skeletal traction) <u>02.94</u>	show the number of vascular
bipolar endoprosthesis (femoral head)	stents inserted.
<u>81.52</u>	stellts iliserted.
Blakemore-Sengstaken tube <u>96.06</u>	catheter
bone growth stimulator (invasive)	abdomen of fetus, for intrauterine
(percutaneous) (semi-	transfusion <u>75.2</u>
invasive) see category <u>78.9</u>	anterior chamber (eye), for permanent
bone morphogenetic protein (Infuse ™ )	drainage
(OP-1™) (recombinant) (rhBMP) <u>84.52</u>	(glaucoma) <u>12.79</u>
bone void filler <u>84.55</u>	artery <u>38.91</u>
that with kyphoplasty 81.66	bile duct(s) <u>51.59</u>
that with vertebroplasty 81.65	common 51.51
bougie, cervix, nonobstetrical 67.0	endoscopic 51.87
to assist delivery or induce labor 73.1	endoscopic 51 87

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nsertion -catheterCont.	InsertionCont.
bladder, indwelling <u>57.94</u>	CRT-D (biventricular defibrillator) (BiV ICD)
suprapubic <u>57.18</u>	(BiV pacemaker with defibrillator) (BiV
percutaneous (closed) <u>57.17</u>	pacing with defibrillator) (cardiac
bronchus <u>96.05</u>	resynchronization defibrillator) (device
with lavage <u>96.56</u>	and one or more leads) <u>00.51</u>
central venous NEC <u>38.93</u>	left ventricular coronary venous lead
for	only <u>00.52</u>
hemodialysis <u>38.95</u>	pulse generator only <u>00.54</u>
pressure monitoring <u>89.62</u>	CRT-P (biventricular pacemaker) (BiV
peripherally inserted central catheter	pacemaker) (cardiac resynchronization
(PICC) 38.93	pacemaker) (device and one or more
chest <u>34.04</u>	leads) <u>00.50</u>
revision (with lysis of adhesions)	left ventricular coronary venous lead
34.04	only <u>00.52</u>
cranial cavity 01.26	pulse generator only 00.53
placement via burr hole(s) 01.28	Crutchfield tongs (skull) (with synchronous
esophagus (nonoperative) 96.06	skeletal traction) 02.94
permanent tube 42.81	Davidson button 54.98
intercostal (with water seal), for	denture (total) 99.97
drainage 34.04	device
revision(with lysis of adhesions)	adjustable gastric band and port 44.95
34.04	bronchial device NOS 33.79
intracerebral 01.26	bronchial substance NOS 33.79
placement via burr hole(s) 01.28	bronchial valve 33.71
spinal canal space (epidural)	cardiac resynchronization - see Insertion
(subarachnoid) (subdural) for	cardiac resynchronization device
infusion of therapeutic or palliative	cardiac support device (CSD) 37.41
substances 03.90	CorCap™ <u>37.41</u>
Swan-Ganz (pulmonary) 89.64	epicardial support device 37.41
transtracheal for oxygenation 31.99	Lap-Band™ <u>44.95</u>
vein NEC <u>38.93</u>	left atrial appendage 37.90
for renal dialysis <u>38.95</u>	left atrial filter <u>37.90</u>
chest tube <u>34.04</u>	left atrial occluder <u>37.90</u>
choledochohepatic tube (for	prosthetic cardiac support device 37.41
decompression) <u>51.43</u>	vascular access <u>86.07</u>
endoscopic <u>51.87</u>	ventricular support device 37.41
cochlear prosthetic device see Implant,	diaphragm, vagina <u>96.17</u>
cochlear prosthetic device	drainage tube
contraceptive device (intrauterine) <u>69.7</u>	kidney <u>55.02</u>
CorCap™ 37.41	pelvis <u>55.12</u>
cordis cannula <u>54.98</u>	renal pelvis <u>55.12</u>
coronary (artery)	Dynesys® 84.59
Note: Also use <u>00.40, 00.41, 00.42,</u>	elbow prosthesis (total) <u>81.84</u>
or 00.43 to show the total	revision <u>81.97</u>
number of vessels treated.	electrode(s)
Use code <u>00.44</u> once to show	bone growth stimulator (invasive)
procedure on a bifurcated	(percutaneous) (semi-invasive)
vessel. In addition, use	see category <u>78.9</u>
00.45, 00.46, 00.47, or	brain <u>02.93</u>
00.48 to show the number of	depth <u>02.93</u>
vascular stents inserted.	foramen ovale <u>02.93</u>
	sphenoidal <u>02.96</u>
stent, drug-eluting <u>36.07</u>	depth <u>02.93</u>
stent, non-drug-eluting <u>36.06</u>	foramen ovale <u>02.93</u>
Crosby-Cooney button 54 98	gastric 04.92

Insertion -electrode(s)Cont.	InsertionCont.
heart (initial) (transvenous) 37.70	globe, into eye socket <u>16.69</u>
atrium (initial) <u>37.73</u>	Greenfield filter 38.7
replacement <u>37.76</u>	halo device (skull) (with synchronous
atrium and ventricle (initial) 37.72	skeletal traction) <u>02.94</u>
replacement <u>37.76</u>	Harrington rod see also Fusion, spinal,
epicardium (sternotomy or	by level
thoracotomy approach) <u>37.74</u>	with dorsal, dorsolumbar fusion <u>81.05</u>
left ventricular coronary venous	Harris pin <u>79.15</u>
system <u>00.52</u>	heart
temporary transvenous pacemaker	assist system - see Implant, heart
system <u>37.78</u> during and immediately following	assist system cardiac support device (CSD) <u>37.41</u>
cardiac surgery 39.64	circulatory assist system - see Implant,
ventricle (initial) <u>37.71</u>	heart assist system
replacement 37.76	CorCap™ 37.41
intracranial 02.93	epicardial support device 37.41
osteogenic (for bone growth	pacemaker see Insertion, pacemaker,
stimulation) see category 78.9	cardiac
peripheral nerve 04.92	prosthetic cardiac support device 37.41
sacral nerve 04.92	pump (Kantrowitz) 37.62
sphenoidal 02.96	valve see Replacement, heart valve
spine <u>03.93</u>	ventricular support device 37.41
electroencephalographic receiver see	hip prosthesis (partial) <u>81.52</u>
Implant, electroencephalographic	revision NOS <u>81.53</u>
receiver, by site	acetabular and femoral components
electronic stimulator see Implant,	(total) <u>00.70</u>
electronic stimulator, by site	acetabular component only <u>00.71</u>
electrostimulator see Implant,	acetabular liner and/or femoral
electronic stimulator, by site	head only <u>00.73</u>
endograft(s), endovascular graft(s)	femoral component only <u>00.72</u>
endovascular, abdominal aorta <u>39.71</u>	femoral head only and/or acetabular
endovascular, head and neck	liner <u>00.73</u> partial
vessels <u>39.72</u> endovascular, other vessels (for	acetabular component only 00.71
aneurysm) 39.79	acetabular component only <u>00.71</u> acetabular liner and/or femoral
endovascular, thoracic aorta 39.73	head only 00.73
endoprosthesis	femoral component only <u>00.72</u>
bile duct 51.87	femoral head only and/or
femoral head (bipolar) 81.52	acetabular liner 00.73
pancreatic duct 52.93	total (acetabular and femoral
epidural pegs <u>02.93</u>	components) <u>00.70</u>
external fixation device (bone) see	total <u>81.51</u>
category <u>78.1</u>	revision
facial bone implant (alloplastic)	acetabular and femoral components
(synthetic) <u>76.92</u>	(total) <u>00.70</u>
filling material, skin (filling of defect)	total (acetabular and femoral
86.02	components) <u>00.70</u>
filter	Holter valve <u>02.2</u>
vena cava (inferior) (superior)	Hufnagel valve see Replacement,
(transvenous) 38.7	heart valve
fixator, mini device (bone)	implant see Insertion, prosthesis
see category <u>78.1</u>	infusion pump <u>86.06</u> interbody spinal fusion device 84.51
frame (stereotactic)	interbody spinal fusion device <u>84.51</u> intercostal catheter (with water seal)
for radiosurgery <u>93.59</u> Gardner Wells tongs (skull) (with	for drainage 34.04
synchronous skeletal traction) 02.94	intra-arterial blood gas monitoring system
gastric bubble (balloon) 44.93	89.60

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InsertionCont. intrauterine contraceptive device 69.7 radium (intracavitary) 69.91	InsertionCont. nasopancreatic drainage tube (endoscopic) 52.97 neuropacemaker see Implant, neurostimulator, by site neurostimulator see Implant,
tamponade (nonobstetric) 69.91 Kantrowitz heart pump 37.62 pulsation balloon (phase-shift) 37.61 keratoprosthesis 11.73 King-Mills umbrella device (heart) 35.52 Kirschner wire 93.44 with reduction of fracture or dislocation see Reduction, fracture and Reduction, dislocation knee prosthesis (partial (total) 81.54 revision NOS 81.55 femoral component 00.82 partial femoral component 00.82 patellar component 00.81 tibial insert 00.84 patellar component 00.83 tibial component 00.81 tibial insert 00.84 total (all components) 00.80 Lap-Band <sup>TM</sup> 44.95 laminaria, cervix 69.93 larynx, valved tube 31.75 leads see Insertion, electrode(s) lens, prosthetic (intraocular) 13.70 with cataract extraction, one-stage 13.71 secondary (subsequent to cataract extraction) 13.72 limb lengthening device, internal, NOS 84.54 with kinetic distraction 84.53 loop recorder 37.79 M-Brace <sup>TM</sup> 84.59 metal staples into epiphyseal plate see also Stapling, epiphyseal plate 78.20 minifixator device (bone) see category 78.1 Mobitz-Uddin umbrella, vena cava 38.7 mold, vagina 96.15 Moore (cup) 81.52 myringotomy device (button) (tube) 20.01 with intubation 20.01 nasobiliary drainage tube (endoscopic) 51.86	neurostimulator, by site non-coronary vessel stent(s) (stent graft)  Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.  with angioplasty or atherectomy 39.50 with bypass omit code basilar 00.64 carotid 00.63 extracranial 00.65 peripheral 39.90 bare, drug-coated 39.90 drug-eluting 00.55 vertebral 00.64 non-invasive (transcutaneous) (surface) stimulator 99.86 obturator (orthodontic) 24.7 ocular implant with synchronous enucleation 16.42 with muscle attachment to implant 16.41 evisceration 16.31 following or secondary to enucleation 16.61 evisceration 16.61 Ommaya reservoir 02.2 orbital implant (stent) (outside muscle cone) 16.69 with orbitotomy 16.02 orthodontic appliance (obturator) (wiring)
Moore (cup) <u>81.52</u> myringotomy device (button) (tube) <u>20.01</u> with intubation <u>20.01</u> nasobiliary drainage tube (endoscopic) <u>51.86</u>	24.7 outflow tract prosthesis (gusset type) (heart) in pulmonary valvuloplasty 35.26
51.86 nasogastric tube for decompression, intestinal 96.07 feeding 96.6 naso-intestinal tube 96.08 nasolacrimal tube or stent 09.44	total repair of tetralogy of Fallot <u>35.81</u>

InsertionCont.	InsertionCont.
pacemaker	peripheral blood vessel see non-coronary
brain - see Implant, neurostimulator,	pessary
brain	cervix <u>96.18</u>
cardiac (device) (initial) (permanent)	to assist delivery or induce labor 73.1
(replacement) 37.80	vagina <u>96.18</u>
dual-chamber device (initial) 37.83	pharyngeal valve, artificial 31.75
replacement 37.87	port, vascular access <u>86.07</u>
during and immediately following	prostaglandin suppository (for abortion)
cardiac surgery 39.64	96.49
resynchronization (biventricular	prosthesis, prosthetic device
pacemaker) (BiV pacemaker)	acetabulum (partial) 81.52
(CRT-P) (device)	hip <u>81.52</u>
device only (initial) (replacement)	revision NOS 81.53
00.53	acetabular and femoral components
total system (device and one or	(total) 00.70
more leads) 00.50	acetabular component only <u>00.71</u>
transvenous lead into left	acetabular liner and/or femoral
ventricular coronary venous	head only 00.73
system <u>00.52</u>	femoral component only 00.72
single-chamber device (initial) 37.81	femoral head only and/or
	acetabular liner 00.73
rate responsive 37.82	
replacement 37.85	partial
rate responsive 37.86	acetabular component only 00.71
temporary transvenous pacemaker	acetabular liner and/or femoral
system 37.78	head only <u>00.73</u>
during and immediately following	femoral component only <u>00.72</u>
cardiac surgery <u>39.64</u>	femoral head only and/or
carotid 39.8	acetabular liner <u>00.73</u>
gastric 04.92	total (acetabular and femoral
heartsee Insertion, pacemaker,	components) <u>00.70</u>
cardiac	revision <u>81.53</u>
intracranial - see Implant,	ankle (total) <u>81.56</u>
neurostimulator, intracranial	arm (bioelectric) (cineplastic)
neural - see Implant, neurostimulator,	(kineplastic) <u>84.44</u>
by site	biliary tract <u>51.99</u>
peripheral nerve <i>- see</i> Implant,	breast (bilateral) <u>85.54</u>
neurostimulator, peripheral nerve	unilateral <u>85.53</u>
spine - see Implant, neurostimulator,	cardiac support device (CSD) (CorCap™)
spine	<u>37.41</u>
pacing cathetersee Insertion,	chin (polyethylene) (silastic) 76.68
pacemaker, cardiac	elbow (total) <u>81.84</u>
pack	revision <u>81.97</u>
auditory canal, external <u>96.11</u>	extremity (bioelectric) (cineplastic)
cervix (nonobstetrical) <u>67.0</u>	(kineplastic) <u>84.40</u>
after delivery or abortion 75.8	lower <u>84.48</u>
to assist delivery or induce labor	upper <u>84.44</u>
<u>73.1</u>	fallopian tube <u>66.93</u>
rectum <u>96.19</u>	femoral head (Austin-Moore) (bipolar)
sella turcica <u>07.79</u>	(Eicher) (Thompson) <u>81.52</u>
vagina (nonobstetrical) <u>96.14</u>	
after delivery or abortion 75.8	
palatal implant 27.64	
penile prosthesis (non-inflatable) (internal)	
64.95	
inflatable (internal) 64.97	
peridontal splint (orthodontic) 24.7	

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nsertion -prosthesisCont.	
hip (partial) <u>81.52</u>	
revision NOS <u>81.53</u>	
acetabular and femoral	
components (total) 00.70	
acetabular component only 00.71	
acetabular liner and/or femoral	
head only 00.73	
femoral component only 00.72	
femoral head only and/or	
acetabular liner 00.73	
partial	
acetabular component only 00.71	
acetabular liner and/or femoral	
head only <u>00.73</u>	
femoral component only <u>00.72</u>	
femoral head only and/or	
acetabular liner <u>00.73</u>	
total (acetabular and femoral	
components) <u>00.70</u>	
total <u>81.51</u>	
revision	
acetabular and femoral component	S
(total) 00.70	
total (acetabular and femoral	
components) 00.70	
joint see Arthroplasty	
knee (partial) (total) 81.54	
revision NOS 81.55	
femoral component 00.82	
partial	
femoral component 00.82	
patellar component 00.83	
tibial component <u>00.81</u>	
tibial insert <u>00.84</u>	
patellar component <u>00.83</u>	
tibial component <u>00.81</u>	
tibial insert <u>00.84</u>	
total (all components) <u>00.80</u>	
leg (bioelectric) (cineplastic)	
(kineplastic) <u>84.48</u>	
lens <u>13.91</u>	
ocular (secondary) <u>16.61</u>	
with orbital exenteration 16.42	
outflow tract (gusset type) (heart)	
in	
pulmonary valvuloplasty 35.26	
total repair of tetralogy of Fallot	
35.81	
penis (internal) (noninflatable) 64.95	
with	
construction <u>64.43</u>	
reconstruction 64.44	
inflatable (internal) 64.97	
Rosen (for urinary incontinence) 59.79	

nsertion -prosthesisCont.
shoulder
partial <u>81.81</u>
revision 81.97
total <u>81.80</u>
spine
artificial disc, NOS <u>84.60</u>
cervical 84.62
nucleus <u>84.61</u>
partial <u>84.61</u>
total 84.62
lumbar, lumbosacral <u>84.65</u>
nucleus <u>84.64</u> partial 84.64
total 84.65
thoracic (partial)(total) 84.63
other device 84.59
testicular (bilateral) (unilateral) 62.7
toe <u>81.57</u>
hallux valgus repair <u>77.59</u>
pseudophakos see also Insertion, lens
13.70
pump, infusion 86.06
radioactive isotope 92.27
radium <u>92.27</u>
radon seeds 92.27,
Reuter bobbin (with intubation) 20.01
Rickham reservoir 02.2
Rosen prosthesis (for urinary
incontinence) <u>59.79</u>
Scribner shunt 39.93
Sengstaken-Blakemore tube <u>96.06</u>
sensor(lead)
intra-arterial, for continuous blood
gas monitoring <u>89.60</u>
intracardiac hemodynamic monitoring
<u>00.56</u>
sieve, vena cava <u>38.7</u>
skeletal muscle stimulator <u>83.92</u>
skull
plate <u>02.05</u>
stereotactic frame 93.59
tongs (Barton) (caliper) (Garder Wells)
(Vinke) (with synchronous skeleta
traction) <u>02.94</u>
spacer (cement) (joint) 84.56
spine 84.51
sphenoidal electrodes <u>02.96</u>
spine
bone void filler
that with kyphoplasty 81.66
that with vertebroplasty 81.65
cage (BAK) <u>84.51</u> interbody spinal fusion device <u>84.51</u>
interspinous process decompression device 84.58
non-fusion stabilization device 84.59
spacer 84.51

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Insertion --- Cont.
                                                 Insertion -stent(s) ---Cont.
  Spitz-Holter valve 02.2
                                                      esophagus(endoscopic)(fluoroscopic) 42.81
  Steinmann pin 93.44
                                                      mesenteric 39.90
    with reduction of fracture or dislocation
                                                          bare, drug-coated 39.90
         -- see Reduction, fracture and
                                                          drug-eluting 00.55
         Reduction, dislocation
                                                      non-coronary vessel
  stent(s) (stent graft)
                                                      Note: Also use 00.40, 00.41, 00.42,
     artery (bare) (bonded) (drug coated)
                                                            or 00.43 to show the total
         (non-drug-eluting)
                                                            number of vessels treated.
    Note: Also use 00.40, 00.41, 00.42,
                                                            Use code 00.44 once to show
          or 00.43 to show the total
                                                            procedure on a bifurcated
          number of vessels treated.
                                                            vessel. In addition, use 00.45,
          Use code 00.44 once to show
                                                            00.46, 00.47, or 00.48 to
                                                            show the number of vascular
          procedure on a bifurcated
          vessel. In addition, use
                                                            stents inserted.
          00.45. 00.46. 00.47. or
                                                         with angioplasty or atherectomy 39.50
          00.48 to show the number of
                                                         with bypass -- omit code
          vascular stents inserted
                                                         basilar 00.64
                                                         carotid 00.63
       basilar 00.64
       carotid 00.63
                                                         extracranial 00.64
       cerebrovascular
                                                         intracranial 00.65
        cerebral (intracranial) 00.65
                                                         mesenteric 39.90
        precerebral (extracranial) 00.64
                                                           bare, drug-coated 39.90
           carotid 00.63
                                                           drug-eluting 00.55
       coronary (bare) (bonded) (drug
                                                         peripheral 39.90
           coated) (non-drug-eluting)
                                                           bare, drug-coated 39.90
           36.06
                                                           drua-elutina 00.55
        drua-elutina 36.07
                                                         renal 39.90
       extracranial 00.64
                                                           bare, drug-coated 39.90
        carotid 00.63
                                                           drua-elutina 00.55
       intracranial 00.65
                                                         vertebral 00.64
       non-coronary vessel
                                                      pancreatic duct 52.92
        basilar 00.64
                                                         endoscopic 52.93
        carotid 00.63
                                                      peripheral vessel 39.90
        extracranial 00.64
                                                      Note: Also use 00.40, 00.41, 00.42,
        intracranial 00.65
                                                            or 00.43 to show the total
        peripheral 39.90
                                                            number of vessels treated.
           bare, drug-coated 39.90
                                                            Use code 00.44 once to show
           drug-eluting 00.55
                                                            procedure on a bifurcated
        vertebral 00.64
                                                            vessel. In addition, use 00.45,
    bile duct 51.43
                                                            00.46, 00.47, or 00.48 to
       endoscopic 51.87
                                                            show the number of vascular
       percutaneous transhepatic 51.98
                                                            stents inserted.
     coronary (artery)(bare) (bonded)
         (drug coated) (non-drug-eluting)
                                                         bare, drug-coated 39.90
         36.06
                                                         drug-eluting 00.55
                                                      precerebral 00.64
    Note: Also use 00.40, 00.41, 00.42,
          or 00.43 to show the total
                                                      Note: Also use 00.40, 00.41, 00.42,
          number of vessels treated.
                                                            or 00.43 to show the total
          Use code 00.44 once to show
                                                            number of vessels treated.
          procedure on a bifurcated
                                                            Use code 00.44 once to show
          vessel. In addition, use
                                                            procedure on a bifurcated
          00.45, 00.46, 00.47, or
                                                            vessel. In addition, use 00.45.
          00.48 to show the number of
                                                            00.46, 00.47, or 00.48 to
          vascular stents inserted.
                                                            show the number of vascular
                                                            stents inserted.
       drug-eluting 36.07
```

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Insertion -stent(s)Cont.	O PROCEDURES (FY07) InsertionCont.
renal 39.90	tongs, skull (with synchronous skeletal
bare, drug-coated 39.90	traction) 02.94
drug-eluting 00.55	totally implanted device for bone growth
subclavian 39.90	(invasive) see category 78.9
Nata: Alaaa 00 40 00 41 00 43	tube see also Catheterization and
Note: Also use <u>00.40</u> , <u>00.41</u> , <u>00.42</u> , or 00.43 to show the total	Intubation
number of vessels treated.	bile duct <u>51.43</u>
Use code 00.44 once to show	endoscopic <u>51.87</u>
procedure on a bifurcated	chest <u>34.04</u>
vessel. In addition, use	revision (with lysis of adhesions) 34.04
00.45, 00.46, 00.47, or	endotracheal 96.04
00.48 to show the number of	esophagus (nonoperative) (Sengstaken)
vascular stents inserted.	96.06 permanent (silicone) (Souttar) 42.81
bare, drug-coated 39.90	feeding
drug-eluting 00.55	esophageal 42.81
tracheobronchial 96.05	gastric 96.6
vertebral 00.64	nasogastric <u>96.6</u>
	gastric
Note: Also use <u>00.40, 00.41, 00.42,</u>	by gastrostomy see category <u>43.1</u>
or 00.43 to show the total	for
number of vessels treated. Use code 00.44 once to show	decompression, intestinal <u>96.07</u>
procedure on a bifurcated	feeding <u>96.6</u>
vessel. In addition, use	intercostal(with water seal),for
00.45, 00.46, 00.47, or	drainage <u>34.04</u>
00.48 to show the number of	revision(with lysis of adhesions) 34.04
vascular stents inserted.	Miller-Abbott (for intestinal decompression) 96.08
stimassiver see Implemt	nasobiliary (drainage) 51.86
stimoceiver see Implant, neurostimulator, by site	nasogastric (for intestinal
stimulator for bone growth	decompression) NEC 96.07
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subdural	nasopancreatic drainage (endoscopic)
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<u>62.7</u>	(inflatable) 58.93
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vascular bypass or shunt

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Vinke tongs (skull) (with synchronous	with NIPS (arrhythmia induction) 37.26
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coronary artery 36.99	stomach 44.91
gastric	thoracic NEC 38.55
artery <u>38.86</u>	upper limb 38.53
varices <u>44.91</u>	vena cava, inferior 38.7
endoscopic <u>43.41</u>	venous connection between anomalous
hemorrhoids 49.45	vein to
longitudinal sinus (superior) 02.13	left innominate vein <u>35.82</u>
lymphatic (channel) (peripheral) 40.9	superior vena cava <u>35.82</u>
thoracic duct <u>40.64</u>	wart <u>86.26</u>
maxillary artery <u>21.05</u>	<b>Light coagulation</b> see Photocoagulation
meningeal vessel <u>02.13</u>	<b>Lindholm operation</b> (repair of ruptured
spermatic	tendon) <u>83.88</u>
cord <u>63.72</u>	Lingulectomy, lung <u>32.3</u>
varicocele <u>63.1</u>	<b>Linton operation</b> (varicose vein) 38.59
vein (high) <u>63.1</u>	<b>Lipectomy</b> (subcutaneous tissue)
splenic vessels 38.86	(abdominal) (submental) <u>86.83</u>
subclavian artery 38.85	Liposuction <u>86.83</u>
superior longitudinal sinus <u>02.13</u>	Lip reading training <u>95.49</u>
supernumerary digit <u>86.26</u>	Lip shave <u>27.43</u>
thoracic duct 40.64	Lisfranc operation
thyroid vessel (artery) (vein) 06.92	foot amputation 84.12
toes (supernumerary) <u>86.26</u>	shoulder disarticulation 84.08
tooth <u>93.55</u>	Litholapaxy, bladder <u>57.0</u>
impacted <u>24.6</u>	by incision <u>57.19</u>
ulcer (peptic) (base) (bed) (bleeding vessel) 44.40	Lithotomy
duodenal 44.42	bile passage <u>51.49</u>
	bladder (urinary) 57.19
gastric <u>44.41</u> ureter 56.95	common duct <u>51.41</u> percutaneous <u>51.96</u>
varices	gallbladder 51.04
esophageal <u>42.91</u>	hepatic duct <u>51.49</u>
endoscopic 42.33	kidney <u>55.01</u>
gastric 44.91	percutaneous 55.03
endoscopic 43.41	ureter <u>56.2</u>
peripheral vein (lower limb) 38.59	Lithotripsy
upper limb 38.53	bile duct NEC 51.49
varicocele 63.1	extracorporeal shockwave(ESWL) 98.5

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LithotripsyCont.	<b>Looposcopy</b> (ileal conduit) <u>56.35</u>
bladder <u>57.0</u>	Lord operation
with ultrasonic fragmentation	dilation of anal canal for hemorrhoids
<u>57.0</u> [ <u>59.95</u> ]	<u>49.49</u>
extracorporeal shockwave (ESWL) <u>98.51</u>	hemorrhoidectomy <u>49.49</u>
extracorporeal shockwave (ESWL) NEC	orchidopexy 62.5
98.59	Lower GI series (x-ray) 87.64
bile duct 98.52	Lucas and Murray operation
bladder (urinary) <u>98.51</u>	(knee arthrodesis with plate) 81.22
gallbladder 98.52	Lumpectomy
kidney 98.51	breast 85.21
Kock pouch 98.51	specified site see Excision, lesion, by site
renal pelvis 98.51	Lymphadenectomy (simple) see also
specified site NEC 98.59	Excision, lymph, node 40.29
ureter 98.51	Lymphadenotomy 40.0
gallbladder NEC 51.04	Lymphangiectomy(radical)see also Excision
endoscopic 51.88	lymph, node, by site, radical 40.50
extracorporeal shockwave (ESWL) 98.52	Lymphangiogram
kidney 56.0	abdominal 88.04
extracorporeal shockwave (ESWL) 98.51	cervical 87.08
percutaneous nephrostomy with frag-	intrathoracic 87.34
mentation (laser) (ultrasound) <u>55.04</u>	lower limb <u>88.36</u>
renal pelvis <u>56.0</u>	pelvic <u>88.04</u>
extracorporeal shockwave (ESWL) 98.51	upper limb <u>88.34</u>
percutaneous nephrostomy with frag-	Lymphangioplasty <u>40.9</u>
mentation (laser) (ultrasound) <u>55.04</u>	Lymphangiorrhaphy <u>40.9</u>
ureter <u>56.0</u>	Lymphangiotomy <u>40.0</u>
extracorporeal shockwave (ESWL) <u>98.51</u>	Lymphaticostomy <u>40.9</u>
Littlewood operation (forequarter	thoracic duct <u>40.62</u>
amputation) <u>84.09</u>	Lysis
LLETZ (large loop excision of the	adhesions
transformation zone) of cervix 67.32	NOTE: blunt -omit code
Lloyd-Davies operation (abdominoperineal	digital <i>-omit code</i>
resection) 48.5	manual -omit code
Lobectomy	mechanical -omit code
brain 01.53	without instrumentation -omit code
partial <u>01.59</u>	abdominal <u>54.59</u>
liver (with partial excision of adjacent	laparoscopic 54.51
lobes) <u>50.3</u>	appendiceal 54.59
lung (complete) 32.4	laparoscopic 54.51
partial 32.3	artery-vein-nerve bundle 39.91
segmental (with resection of adjacent	biliary tract 54.59
lobes) 32.4	laparoscopic 54.51
thyroid (total) (unilateral) (with removal	bladder (neck) (intraluminal) <u>57.12</u>
of isthmus) (with removal of portion	external 59.11
of remaining lobe) 06.2	laparoscopic 59.12
partial see also Thyroidectomy,	transurethral 57.41
partial 06.39	blood vessels 39.91
substernal <u>06.51</u>	bone see category <u>78.4</u>
subtotal see also Thyroidectomy,	bursa <u>83.91</u>
partial <u>06.39</u>	by stretching or manipulation 93.28
Lobotomy, brain 01.32	hand <u>82.91</u>
Localization, placenta 88.78	cartilage of joint 93.26
by RISA injection <u>92.17</u>	chest wall <u>33.99</u>
<b>Longmire operation</b> (bile duct anastomosis)	choanae (nasopharynx) <u>29.54</u>
51.39	conjunctiva <u>10.5</u>
Loop ileal stoma (see also lleostomy) 46.01	corneovitreal <u>12.34</u>
Loopogram 87.78	cortical (brain) 02.91

Lysis -adhesionsCont.	Lysis -adhesionsCont.
ear, middle <u>20.23</u>	ovary <u>65.89</u>
Eustachian tube <u>20.8</u>	laparoscopic <u>65.81</u>
extraocular muscle <u>15.7</u>	pelvic <u>54.59</u>
extrauterine <u>54.59</u>	laparoscopic <u>54.51</u>
laparoscopic <u>54.51</u>	penile <u>64.93</u>
eyelid <u>08.09</u>	pericardium <u>37.12</u>
and conjunctiva 10.5	perineal (female) 71.01
eye muscle <u>15.7</u>	peripheral vessels <u>39.91</u>
fallopian tube <u>65.89</u>	perirectal 48.81
laparoscopic 65.81	perirenal <u>59.02</u>
fascia <u>83.91</u>	laparoscopic <u>59.03</u>
hand <u>82.91</u>	peritoneum (pelvic) <u>54.59</u>
by stretching or manipulation 93.26	laparoscopic <u>54.51</u>
gallbladder <u>54.59</u>	periureteral <u>59.02</u>
laparoscopic <u>54.51</u>	laparoscopic <u>59.03</u>
ganglion (peripheral) NEC <u>04.49</u>	perivesical <u>59.11</u>
cranial NEC <u>04.42</u>	laparoscopic <u>59.12</u>
hand <u>82.91</u>	pharynx <u>29.54</u>
by stretching or manipulation	pleura (for collapse of lung) 33.39
93.26	spermatic cord 63.94
heart <u>37.10</u>	spinal (cord) (meninges) (nerve roots) 03.6
intestines <u>54.59</u>	spleen <u>54.59</u>
laparoscopic <u>54.51</u>	laparoscopic <u>54.51</u>
iris (posterior) 12.33	tendon <u>83.91</u>
anterior 12.32	by stretching or manipulation <u>93.27</u>
joint (capsule) (structure) see also	hand <u>82.91</u>
Division, joint capsule 80.40	by stretching or manipulation <u>93.26</u>
kidney <u>59.02</u>	thorax <u>34.99</u>
laparoscopic <u>59.03</u>	tongue <u>25.93</u>
labia (vulva) 71.01	trachea <u>31.92</u>
larynx <u>31.92</u>	tubo-ovarian <u>65.89</u>
liver <u>54.59</u>	laparoscopic <u>65.81</u>
laparoscopic <u>54.51</u>	ureter <u>59.02</u>
lung (for collapse of lung) 33.39	with freeing or repositioning of ureter
mediastinum 34.99	<u>59.02</u>
meninges (spinal) 03.6	intraluminal <u>56.81</u>
cortical <u>02.91</u>	laparoscopic <u>59.03</u>
middle ear <u>20.23</u>	urethra (intraluminal) <u>58.5</u>
muscle <u>83.91</u>	uterus <u>54.59</u>
by stretching or manipulation 93.27	intraluminal <u>68.21</u>
extraocular <u>15.7</u>	laparoscopic 54.51
hand 82.91	peritoneal <u>54.59</u>
by stretching or manipulation 93.26	laparoscopic 54.51
nasopharynx 29.54	vagina (intraluminal) 70.13
nerve (peripheral) NEC 04.49	vitreous (posterior approach) 14.74
cranial NEC 04.42	anterior approach 14.73
roots, spinal 03.6	vulva <u>71.01</u>
trigeminal <u>04.41</u>	goniosynechiae (with injection of air or
nose, nasal 21.91	liquid) 12.31
ocular muscle 15.7	synechiae (posterior) 12.33
<del></del>	anterior (with injection of air or liquid)
	<u>12.32</u>

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Madlener operation (tubal ligation) 66.31
Magnet extraction
foreign body
anterior chamber, eye <u>12.01</u>
choroid <u>14.01</u>
ciliary body 12.01
conjunctiva 98.22
cornea <u>11.0</u>
eye, eyeball NEC 98.21
anterior segment 12.01
posterior segment 14.01
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iris 12.01
lens 13.01
orbit 98.21
retina <u>14.01</u>
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for recurrent shoulder dislocation) <u>81.82</u>
Malleostapediopexy 19.19
with incus replacement 19.11
Malström's vacuum extraction 72.79
with episiotomy <u>72.71</u>
Mammaplasty see Mammoplasty
Mammectomy see also Mastectomy
subcutaneous (unilateral) <u>85.34</u>
with synchronous implant 85.33
bilateral <u>85.36</u>
with synchronous implant <u>85.35</u>
Mammilliplasty <u>85.87</u>
Mammography NEC 87.37
Mammoplasty 85.89
with
full-thickness graft 85.83
muscle flap 85.85
pedicle graft 85.84
split-thickness graft 85.82
amputative (reduction) (bilateral) 85.32
unilateral <u>85.31</u>
augmentation 85.50
with
breast implant (bilateral) 85.54
unilateral 85.53
injection into breast (bilateral) 85.52
unilateral 85.51
reduction (bilateral) <u>85.32</u>
unilateral 85.31
revision 85.89
size reduction (gynecomastia) (bilateral)
85.32
<u>85.52</u> unilateral <u>85.31</u>
uiiiaitiai <u>03.31</u>

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total 76.42
with reconstruction 76.41
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Kristeller 72.54
Loveset's (extraction of arms in breech
birth) 72.52
Mauriceau (-Smellie-Veit) 72.52
Pinard (total breech extraction) 72.54
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Ritgen <u>73.59</u>
Scanzoni (rotation) 72.4
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with reduction of fracture or dislocation
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Reduction, dislocation
enterostomy stoma (with dilation) <u>96.24</u>
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large <u>46.82</u>
small <u>46.81</u>
joint
adhesions <u>93.26</u>
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articulation) <u>93.61</u>
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(thrusting) <u>93.62</u>
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(springing) <u>93.63</u>
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temporomandibular joint NEC 76.95
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with removal <u>56.0</u>
without removal <u>59.8</u>

Manipulation Cont	Mantantana (an analata) (an analata)
Manipulation Cont.	Mastectomy (complete) (prophylactic)
uterus NEC <u>69.98</u>	(simple) (unilateral) <u>85.41</u>
gravid <u>75.99</u>	with
inverted	excision of regional lymph nodes <u>85.43</u>
manual replacement	bilateral <u>85.44</u>
(following delivery) <u>75.94</u>	preservation of skin and nipple <u>85.34</u>
surgical see Repair, inverted uterus	with synchronous implant <u>85.33</u>
Manometry	bilateral <u>85.36</u>
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urinary <u>89.21</u>	extended
Manual arts therapy 93.81	radical (Urban) (unilateral) 85.47
Mapping	bilateral 85.48
cardiac (electrophysiologic) <u>37.27</u>	simple (with regional lymphadenectomy)
doppler (flow) 88.72	(unilateral) 85.43
electrocardiogram only 89.52	bilateral 85.44
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<u>67.59</u>	bilateral <u>85.44</u>
Marshall-Marchetti (-Krantz) operation	partial <u>85.23</u>
(retropubic urethral suspension) <u>59.5</u>	radical (Halsted) (Meyer) (unilateral) <u>85.45</u>
Marsupialization see also Destruction,	bilateral <u>85.46</u>
lesion, by site	extended (Urban) (unilateral) <u>85.47</u>
cyst	bilateral <u>85.48</u>
Bartholin's 71.23	modified (unilateral) <u>85.43</u>
brain 01.59	bilateral 85.44
cervical (nabothian) 67.31	subcutaneous 85.34
dental 24.4	with synchronous implant 85.33
dentigerous 24.4	bilateral <u>85.36</u>
kidney 55.31	with synchronous implant 85.35
larynx 30.01	subtotal 85.23
liver 50.21	Masters' stress test (two-step) 89.42
ovary <u>65.21</u>	Mastoidectomy (cortical)(conservative) 20.49
laparoscopic 65.23	complete (simple) 20.41
	modified radical 20.49
pancreas <u>52.3</u>	
pilonidal (open excision) (with partial	radical <u>20.42</u>
closure) <u>86.21</u>	modified <u>20.49</u>
salivary gland 26.21	simple (complete) 20.41
spinal (intraspinal) (meninges) <u>03.4</u>	Mastoidotomy <u>20.21</u>
spleen, splenic <u>41.41</u>	Mastoidotympanectomy <u>20.42</u>
lesion	Mastopexy <u>85.6</u>
brain <u>01.59</u>	Mastoplasty see Mammoplasty
cerebral <u>01.59</u>	Mastorrhaphy <u>85.81</u>
liver <u>50.21</u>	Mastotomy <u>85.0</u>
pilonidal cyst or sinus (open excision)	Matas operation (aneurysmorrhaphy) 39.52
(with partial closure) <u>86.21</u>	Mayo operation
pseudocyst, pancreas <u>52.3</u>	bunionectomy <u>77.59</u>
ranula, salivary gland <u>26.21</u>	herniorrhaphy <u>53.49</u>
Massage	vaginal hysterectomy 68.59
cardiac (external) (manual) (closed) 99.63	laparoscopically assisted (LAVH) 68.51
open 37.91	Mazet operation (knee disarticulation) 84.16
prostatic 99.94	McBride operation (bunionectomy with soft
rectal (for levator spasm) 99.93	tissue correction) 77.53
MAST (military anti-shock trousers) 93.58	McBurney operation see Repair, hernia,
	inquinal
	McCall operation (enterocele repair) 70.92
	McCauley operation (effectocete repair) 70.32  McCauley operation (release of clubfoot) 83.84
	McDonald operation (encirclement suture,
	cervix) 67 59

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70.61 ear 18.6			
McKeever operation (fusion of first	urethra <u>58.47</u>		
metatarsophalangeal joint for hallux	Meatotomy		
valgus repair) <u>77.52</u>	ureter <u>56.1</u>		
McKissock operation (breast reduction)	urethra <u>58.1</u>		
85.33	internal <u>58.5</u>		
McReynolds operation (transposition of	Mechanical ventilation see Ventilation		
pterygium) <u>11.31</u>	Mediastinectomy <u>34.3</u>		
McVay operation	Mediastinoscopy (transpleural) 34.22		
femoral herniasee Repair, hernia,femoral	Mediastinotomy <u>34.1</u>		
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Measurement	Meloplasty, facial 86.82		
airway resistance 89.38	Meningeorrhaphy (cerebral) 02.12		
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basal metabolic rate (BMR) <u>89.39</u>	meningocele 03.51		
blood gases	myelomeningocele 03.52		
arterial 89.65	Meniscectomy (knee) NEC 80.6		
continuous intra-arterial 89.60	acromioclavicular 80.91		
venous <u>89.66</u>	sternoclavicular 80.91		
body <u>93.07</u>	temporomandibular (joint) 76.5		
cardiac output (by)	wrist 80.93		
Fick method 89.67	Menstrual extraction or regulation 69.6		
indicator dilution technique 89.68	Mentoplasty (augmentation) (with graft)		
oxygen consumption technique 89.67	(with implant) <u>76.68</u>		
thermodilution indicator 89.68	reduction 76.67		
cardiovascular NEC 89.59	Mesenterectomy 54.4		
central venous pressure 89.62	Mesenteriopexy <u>54.75</u>		
coronary blood flow 89.69	Mesenteriplication 54.75		
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work-up <u>95.03</u>	intestine) (first stage) 46.03		
intrauterine pressure 89.62	second stage 46.04		
limb length <u>93.06</u> lung volume 89.37	Miles operation (proctectomy) 48.5		
mixed venous blood gases 89.66	Military anti-shock trousers (MAST) 93.58		
physiologic NEC 89.39	Millard operation (cheiloplasty) 27.54		
portovenous pressure 89.62	Miller operation		
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renal clearance 89.29	urethrovesical suspension <u>59.4</u> <b>Millin-Read operation</b> (urethrovesical		
respiratory NEC 89.38	suspension) 59.4		
skin fold thickness <u>93.07</u> skull circumference <u>93.07</u> Mist therapy <u>93.94</u> Mitchell operation (hallux valgus re			
sphincter of Oddi pressure 51.15	Mitchell operation (hallux valgus repair) 77.5 Mobilization		
systemic arterial	joint NEC <u>93.16</u>		
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pressure 89.61	spine 93.15		
urine (bioassay) (chemistry) 89.29	stapes (transcrural) 19.0		
vascular 89.59	testis in scrotum 62.5		
venous blood gases 89.66	Mohs operation (chemosurgical excision		
vital capacity (pulmonary) 89.37	of skin) <u>86.24</u>		
vical capacity (pullionally) 05.57	Molegraphy <u>87.81</u>		
	могеугариту <u>07.01</u>		

<b>lonitoring</b>	Moore operation (arthroplasty) 81.52
cardiac output (by)	Moschowitz
ambulatory (ACM) 89.50 enterocele repair 70.92	
electrographic 89.54	herniorrhaphy see Repair, hernia,
during surgery omit code	femoral
Fick method 89.67	sigmoidopexy <u>46.63</u>
Holter-type device 89.50	Mountain resort sanitarium <u>93.98</u>
indicator dilution technique 89.68	Mouth-to-mouth resuscitation 93.93
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oxygen consumption technique 89.67	artery) 38.85
specified technique NEC 89.68	Multiple sleep latency test (MSLT) 89.18
telemetry (cardiac) 89.54	Mumford operation (partial claviculectomy)
thermodilution indicator 89.68	77.81
transesophageal (Doppler)	Musculoplasty see also Repair, muscle
(ultrasound) 89.68	83.87
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counting technique) 89.69	transposition of venous return) 35.91
electroencephalographic 89.19	Myectomy 83.45
radio-telemetered 89.19	anorectal 48.92
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fetus (fetal heart)	multiple <u>15.15</u>
antepartum	for graft <u>83.43</u>
nonstress (fetal activity acceleration	hand <u>82.34</u>
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oxytocin challenge (contraction	for graft <u>82.34</u>
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(extrauterine) (external) 75.34	Myelotomy
ausculatory (stethoscopy)omit code	spine, spinal (cord) (tract) (one-stage)
internal (with contraction	(two-stage) <u>03.29</u>
measurements) (ECG) 75.32	percutaneous 03.21
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75.34	Myoclasis 83.99
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89.17-89.18	83.88
systemic arterial pressure 89.61	hand 82.86
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Pelvi-ureteroplasty <u>55.87</u>	Phalangectomy (partial) 77.89
Pemberton operation	claw toe <u>77.57</u>
osteotomy of ilium <u>77.39</u>	cockup toe <u>77.58</u>
rectum (mobilization and fixation for	hammer toe 77.56
prolapse repair) <u>48.76</u>	overlapping toe 77.58
Penectomy 64.3	total 77.99
Pereyra operation(paraurethral suspension)	Phalangization (fifth metacarpal) 82.81
59.6	Pharyngeal flap operation (cleft palate
Perforation Perforation	repair) 27.62
stapes footplate 19.0	secondary or subsequent 27.63
Perfusion NEC 39.97	Pharyngectomy (partial) 29.33
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coronary artery 39.97	· • · <u> </u>
for	Pharyngogram 87.09
-	contrast 87.06
chemotherapy NEC 99.25	Pharyngolaryngectomy 30.3
hormone therapy NEC <u>99.24</u>	Pharyngoplasty (with silastic implant) 29.4
head <u>39.97</u>	for cleft palate <u>27.62</u>
hyperthermic (lymphatic), localized region	secondary or subsequent <u>27.63</u>
or site <u>93.35</u>	Pharyngorrhaphy <u>29.51</u>
intestine (large) (local) <u>46.96</u>	for cleft palate <u>27.62</u>
small <u>46.95</u>	Pharyngoscopy <u>29.11</u>
kidney, local <u>55.95</u>	Pharyngotomy <u>29.0</u>
limb (lower) (upper) 39.97	Phenopeel (skin) 86.24
liver, localized 50.93	Phlebectomy 38.60
neck <u>39.97</u>	with
subarachnoid (spinal cord)	anastomosis 38.30
(refrigerated saline) 03.92	abdominal 38.37
total body 39.96	head and neck NEC 38.32
Pericardiectomy <u>37.31</u>	intracranial NEC 38.31
Pericardiocentesis 37.0	lower limb <u>38.39</u>
i ci icai diocentesis <u>Jr.V</u>	וטאפו וווווט <u>ססיס</u>

Phlebectomy -with anastomosisCont.	Photocoagulation -retinaCont.
thoracic NEC 38.35	laser (beam)
upper limb 38.33	for
graft replacement 38.40	destruction of lesion 14.24
abdominal 38.47	reattachment 14.54
head and neck NEC 38.42	repair of tear or defect 14.34
intracranial NEC 38.41	xenon arc
lower limb 38.49	for
thoracic NEC <u>38.45</u>	destruction of lesion 14.23
	reattachment 14.53
upper limb 38.43	
abdominal 38.67	repair of tear or defect 14.33
head and neck NEC 38.62	Photography 89.39
intracranial NEC <u>38.61</u>	fundus <u>95.11</u>
lower limb 38.69	Photopheresis, therapeutic 99.88
thoracic NEC <u>38.65</u>	Phototherapy NEC 99.83
upper limb <u>38.63</u>	newborn <u>99.83</u>
varicose 38.50	ultraviolet <u>99.82</u>
abdominal 38.57	Phrenemphraxis <u>04.03</u>
head and neck NEC <u>38.52</u>	for collapse of lung <u>33.31</u>
intracranial NEC <u>38.51</u>	Phrenicectomy <u>04.03</u>
lower limb <u>38.59</u>	for collapse of lung <u>33.31</u>
thoracic NEC 38.55	Phrenicoexeresis 04.03
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Phlebography (contrast) (retrograde) 88.60	for collapse of lung 33.31
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femoral 88.66	Physical medicine see Therapy, physical
head 88.61	Physical therapy see Therapy, physical
hepatic 88.64	
impedance <u>88.68</u>	Physiotherapy, chest 93.99
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	38.93
intrathoracic NEC 88.63	Piercing ear, external (pinna) 18.01
lower extremity NEC <u>88.66</u>	Pigmenting, skin 86.02
neck <u>88.61</u>	Pilojection (aneurysm) (Gallagher) 39.52
portal system <u>88.64</u>	Pinealectomy (complete) (total) 07.54
pulmonary <u>88.62</u>	partial <u>07.53</u>
specified site NEC <u>88.67</u>	<b>Pinealotomy</b> (with drainage) <u>07.52</u>
vena cava (inferior) (superior) <u>88.51</u>	Pinning
Phleborrhaphy <u>39.32</u>	bone see Fixation, bone, internal
Phlebotomy 38.99	ear <u>18.5</u>
Phonocardiogram, with ECG lead 89.55	Pinsker operation (obliteration of nasoseptal
Photochemotherapy NEC 99.83	telangiectasia) 21.07
extracorporeal 99.88	Piper operation (forceps) 72.6
Photocoagulation	Pirogoff operation (ankle amputation throug
ciliary body 12.73	malleoli of tibia and fibula) 84.14
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macular holesee Photocoagulation,	Placentogram, placentography 88.46
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orbital lesion 16.92	
retina	Planing, skin 86.25
for	Plantation, tooth (bud) (germ) 23.5
1 <del>7</del> 1	prosthetic 23.6
destruction of lesion 14.25	Plasma exchange <u>99.07</u>
reattachment 14.55	Plasmapheresis, therapeutic <u>99.71</u>
repair of tear or defect 14.35	Plastic renair see Renair by site

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Plasty see also Repair, by site	PlicationCont.
bladder neck (V-Y) 57.85	diaphragm(for hernia repair)(thoracic
skin (without graft) 86.89	approach) (thoracoabdominal
subcutaneous tissue 86.89	approach) 53.81
Platelet inhibitor (GP IIB/IIIa inhibitor only),	eye muscle (oblique) (rectus) 15.22
infusion 99.20	multiple (two or more muscles) 15.4
Plateletpheresis, therapeutic 99.74	fascia 83.89
Play	hand 82.89
psychotherapy <u>94.36</u>	inferior vena cava 38.7
therapy 93.81	intestine (jejunum) (Noble) 46.62
Pleating	Kelly(-Stoeckel) (urethrovesical junction) 59.3
eye muscle 15.22	
	levator, for blepharoptosis 08.34
multiple (two or more muscles) 15.4	ligament see also Arthroplasty <u>81.96</u>
sclera, for buckling see also Buckling,	broad <u>69.22</u>
scleral 14.49	round <u>69.22</u>
Plethysmogram (carotid) 89.58	uterosacral 69.22
air-filled (pneumatic) 89.58	mesentery <u>54.75</u>
capacitance 89.58	round ligament <u>69.22</u>
cerebral 89.58	sphincter, urinary bladder <u>57.85</u>
differential <u>89.58</u>	stomach <u>44.69</u>
oculoplethysmogram <u>89.58</u>	laparoscopic <u>44.68</u>
penile <u>89.58</u>	superior vena cava <u>38.7</u>
photoelectric <u>89.58</u>	tendon <u>83.85</u>
regional <u>89.58</u>	hand <u>82.55</u>
respiratory function measurement (body)	tricuspid valve (with repositioning) <u>35.14</u>
<u>89.38</u>	ureter <u>56.89</u>
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strain-gauge <u>89.58</u>	urethrovesical junction 59.3
thoracic impedance 89.38	vein (peripheral) 39.59
venous occlusion 89.58	vena cava (inferior) (superior) 38.7
water-filled 89.58	ventricle (heart)
Plethysmography	aneurysm 37.32
CaverMap™ 89.58	Plicotomy, tympanum 20.23
penile 89.58	Plombage, lung 33.39
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Pleurocentesis 34.91	Pneumocisternogram 87.02
Pleurodesis 34.6	Pneumoencephalogram <u>87.01</u>
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with cancer chemotherapy substance	extraperitoneal 88.15
34.92 [99.25]	mediastinal 87.33
tetracycline 34.92 [99.21]	orbit 87.14
Pleurolysis (for collapse of lung) 33.39	pelvic 88.13
Pleuropexy 34.99	peritoneum NEC 88.13
	presacral 88.15
Pleurosclerosis 34.6	
chemical 34.92	retroperitoneum 88.15
with cancer chemotherapy substance	Pneumogynecography 87.82
34.92 [99.25]	Pneumomediastinography 87.33
tetracycline <u>34.92</u> [ <u>99.21</u> ]	Pneumonectomy (complete) (extended)
Pleurotomy <u>34.09</u>	(radical) (standard) (total) (with
Plexectomy	mediastinal dissection) 32.5
choroid <u>02.14</u>	partial
hypogastric <u>05.24</u>	complete excision, one lobe $32.4$
Plication	resection (wedge), one lobe 32.3
aneurysm	Pneumonolysis (for collapse of lung) 33.39
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<b>Pollicization</b> (with carry over of nerves and	amnion 75.35
blood supply) 82.61	anterior chamber, eye 12.29
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endoscopic 42.33	bladder 57.39
gastric (endoscopic) 43.41	blood vessel (any site) 38.29
large intestine (colon) 45.42	bone 78.80
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Polysomnogram 89.17	facial 76.19
Pomeroy operation (ligation and division	femur 78.85
of fallopian tubes) 66.32	fibula 78.87
Poncet operation	humerus 78.82
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Postmortem examination 89.8	tarsal, metatarsal 78.88
Potts-Smith operation (descending aorta-	thorax (ribs) (sternum) 78.81
left pulmonary artery anastomosis) 39.0	tibia 78.87
Poudrage	ulna $\overline{78.83}$
intrapericardial 36.39	vertebrae 78.89
pleural 34.6	brain 01.18
PPN (peripheral parenteral nutrition) 99.15	breast <u>85.19</u>
Preparation (cutting), pedicle (flap) graft	bronchus 33.29
86.71	buccal <u>27.24</u>
Preputiotomy 64.91	bursa <u>83.29</u>
Prescription for glasses <u>95.31</u>	canthus <u>08.19</u>
Pressure support	cecum <u>45.28</u>
ventilation [PSV] see category <u>96.7</u>	cerebral meninges <u>01.18</u>
Pressurized	cervix <u>67.19</u>
graft treatment <u>00.16</u>	chest wall <u>34.28</u>
Printen and Mason operation (high gastric	choroid <u>14.19</u>
bypass) <u>44.31</u>	ciliary body 12.29
Probing	clitoris 71.19
canaliculus, lacrimal (with irrigation) 09.42	colon <u>45.28</u>
lacrimal	conjunctiva <u>10.29</u>
canaliculi <u>09.42</u>	cornea <u>11.29</u>
punctum (with irrigation) <u>09.41</u>	cul-de-sac <u>70.29</u>
nasolacrimal duct (with irrigation) 09.43	dental <u>24.19</u>
with insertion of tube or stent <u>09.44</u>	diaphragm 34.28
salivary duct (for dilation of duct) (for	duodenum <u>45.19</u>
removal of calculus) <u>26.91</u>	ear
with incision <u>26.0</u>	external 18.19
	inner and middle 20.39
	epididymis <u>63.09</u>
	esophagus <u>42.29</u>
	Eustachian tube 20.39

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r <b>ocedure</b> -diagnostic <i>Cont.</i>	Procedure -diagnosticCont.
extraocular muscle or tendon 15.09	orbit <u>16.29</u>
eye <u>16.29</u>	orthodontic 24.19
anterior chamber 12.29	ovary 65.19
posterior chamber 14.19	laparoscopic 65.14
eyeball 16.29	palate 27.29
eyelid 08.19	pancreas 52.19
fallopian tube 66.19	papillary muscle (heart) <u>37.29</u>
fascia (any site) 83.29	parathyroid gland 06.19
fetus 75.35	penis 64.19
gallbladder 51.19	perianal tissue 49.29
ganglion (cranial) (peripheral) 04.19	pericardium 37.29
sympathetic 05.19	periprostatic tissue 60.18
gastric 44.19	perirectal tissue 48.29
globus pallidus 01.18	perirenal tissue 59.29
gum <u>24.19</u>	peritoneum 54.29
heart 37.29	periurethral tissue 58.29
hepatic 50.19	perivesical tissue 59.29
hypophysis 07.19	pharynx 29.19
ileum 45.19	pineal gland 07.19
intestine 45.29	pituitary gland 07.19
large <u>45.28</u>	pleura 34.28
small 45.19	posterior chamber, eye 14.19
iris 12.29	prostate 60.18
jejunum 45.19	pulmonary <u>33.29</u>
joint (capsule) (ligament) (structure)	rectosigmoid 48.29
NEC 81.98	rectum 48.29
facial 76.19	renal 55.29
kidney 55.29	respiratory 33.29
labia 71.19	retina 14.19
lacrimal (system) 09.19	retroperitoneum <u>59.29</u>
large intestine 45.28	salivary gland or duct 26.19
larynx 31.48	sclera 12.29
ligament 81.98	scrotum 61.19
uterine 68.19	seminal vesicle 60.19
liver 50.19	sigmoid <u>45.28</u>
lung 33.29	sinus, nasal 22.19
lymphatic structure (channel) (gland)	skin 86.19
(node) (vessel) 40.19	skull 01.19
mediastinum 34.29	soft tissue 83.29
meninges (cerebral) 01.18	spermatic cord 63.09
spinal <u>03.39</u>	sphincter of Oddi 51.19
mouth <u>27.29</u>	spine, spinal (canal) (cord) (meninges)
muscle 83.29	(structure) 03.39
extraocular (oblique) (rectus) 15.09	spleen <u>41.39</u>
papillary (heart) 37.29	stomach 44.19
nail 86.19	subcutaneous tissue 86.19
nasopharynx 29.19	sympathetic nerve 05.19
nerve (cranial) (peripheral) NEC <u>04.19</u>	tarsus <u>09.19</u>
sympathetic 05.19	tendon NEC 83.29
nipple <u>85.19</u>	extraocular 15.09
nose, nasal 21.29	testicle 62.19
sinus <u>22.19</u>	thalamus <u>01.18</u>
ocular <u>16.29</u>	thoracic duct 40.19
muscle 15.09	thorax 34.28
omentum 54.29	thymus <u>07.19</u>
ophthalmologic 16.29	thyroid gland <u>06.19</u>
oral (cavity) 27 29	tongue 25 09

Procedure -diagnosticCont.	Prostatectomy Cont.
tonsils <u>28.19</u>	retropubic (punch) (transcapsular) <u>60.4</u>
tooth 24.19	suprapubic (punch) (transvesical) 60.3
trachea <u>31.49</u>	transcapsular NEC 60.69
tunica vaginalis <u>61.19</u>	retropubic 60.4
ureter 56.39	transperineal 60.62
	· ——
urethra 58.29	transurethral 60.29
uterus and supporting structures <u>68.19</u>	ablation(contact)(noncontact)by laser60.2
uvula <u>27.29</u>	electrovaporization <u>60.29</u>
vagina <u>70.29</u>	enucleative <u>60.29</u>
vas deferens <u>63.09</u>	resection of prostate (TURP) <u>60.29</u>
vesical <u>57.39</u>	ultrasound guided laser induced (TULIP)
vessel (blood) (any site) 38.29	<u>60.21</u>
vitreous <u>14.19</u>	transvesical punch (suprapubic) <u>60.3</u>
vulva <u>71.19</u>	Prostatocystotomy 60.0
fistulizing, sclera NEC <u>12.69</u>	Prostatolithotomy 60.0
miscellaneous (nonoperative) NEC 99.99	Prostatotomy (perineal) 60.0
respiratory (nonoperative) NEC 93.99	Prostatovesiculectomy 60.5
surgical see Operation	Protection (of)
Proctectasis 96.22	individual from his surroundings 99.84
Proctectomy (partial) see also Resection,	surroundings from individual 99.84
rectum 48.69	Psychoanalysis 94.31
abdominoperineal 48.5	Psychodrama 94.43
complete (Miles) (Rankin) 48.5	Psychotherapy NEC <u>94.39</u>
pull-through 48.49	biofeedback 94.39
Proctoclysis 96.37	exploratory verbal <u>94.37</u>
Proctolysis <u>48.99</u>	group <u>94.44</u>
Proctopexy (Delorme) 48.76	for psychosexual dysfunctions <u>94.41</u>
abdominal (Ripstein) <u>48.75</u>	play <u>94.36</u>
Proctoplasty 48.79	psychosexual dysfunctions <u>94.34</u>
Proctorrhaphy <u>48.71</u>	supportive verbal <u>94.38</u>
Proctoscopy 48.23	PTCA (percutaneous transluminal coronary
with biopsy 48.24	angioplasty) see Angioplasty, balloon,
through stoma (artificial) 48.22	coronary
transabdominal approach 48.21	Ptyalectasis 26.91
Proctosigmoidectomy see also Resection,	Ptyalithotomy 26.0
rectum <u>48.69</u>	Ptyalolithotomy 26.0
Proctosigmoidopexy <u>48.76</u>	Pubiotomy 77.39
Proctosigmoidoscopy (rigid) 48.23	assisting delivery 73.94
with biopsy <u>48.24</u>	Pubococcygeoplasty 59.71
flexible 45.24	Puestow operation (pancreaticojejunostomy)
through stoma (artificial) 48.22	52.96
transabdominal approach 48.21	Pull-through
• • • • • • • • • • • • • • • • • • • •	
Proctostomy 48.1	abdomino-anal 48.49
Proctotomy (decompression) (linear) 48.0	abdominoperineal 48.49
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Creation	endorectal 48.41
atrial septal defect 35.42	Pulmowrap 93.99
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esophagus, antesternal	circulation <u>39.61</u>
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Prophylaxis, dental(scaling)(polishing) 96.54	Punch
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loop <u>60.29</u>	bladder neck, transurethral <u>57.49</u>
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Puncture
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artery NEC 38.98
for
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Arteriography <u>88.40</u>
for
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Arteriography, coronary <u>88.57</u>
percutaneous vascular closure - omit
code
bladder, suprapubic (for drainage) NEC
<u>57.18</u>
needle <u>57.11</u>
percutaneous (suprapubic) <u>57.17</u>
bursa <u>83.94</u>
hand <u>82.92</u>
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with contrast media 87.02
craniobuccal pouch 07.72
craniopharyngioma <u>07.72</u>
fallopian tube 66.91
fontanel, anterior <u>01.09</u>
heart 37.0
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iris 12.12
joint 81.91
kidney (percutaneous) <u>55.92</u>
larynx 31.98
lumbar (diagnostic) (removal of dye) 03.31
lung (for aspiration) 33.93
nasal sinus 22.01
pericardium 37.0
pituitary gland <u>07.72</u>
pleural cavity 34.91
Rathke's pouch 07.72
spinal <u>03.31</u>
spleen <u>41.1</u>
for biopsy 41.32
sternal (for bone marrow biopsy) 41.31
donor for bone marrow transplant 41.91
vein NEC <u>38.99</u>
for
phlebographysee also Phlebography
88.60
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Pupillotomy 12.35
Push-back operation (cleft palate repair)
<u>27.62</u>
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shoulder for recurrent dislocation) 81.82
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device) <u>37.68</u>
<b>Pyelogram</b> (intravenous) <u>87.73</u>
infusion (continuous) (diuretic) <u>87.73</u>
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Pyeloileostomy <u>56.71</u>
Pyelolithotomy <u>55.11</u>
Pyeloplasty <u>55.87</u>
Pyelorrhaphy <u>55.81</u>
Pyeloscopy <u>55.22</u>
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Pyelostomy <u>55.12</u>
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Pyelotomy <u>55.11</u>
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Quadrant resection of breast <u>85.22</u> Quadricepsplasty (Thompson) <u>83.86</u> Quarantine <u>99.84</u> Quenuthoracoplasty <u>77.31</u> Quotient, respiratory <u>89.38</u>

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Rachicentesis 03.31	Radiography -contrastCont.
Rachitomy <u>03.09</u>	orbit 87.14
Radiation therapysee also Therapy,	pancreas 87.66
radiation	pelvis
teleradiotherapy see Teleradiotherapy	gas <u>88.12</u>
Radical neck dissectionsee	opaque dye <u>88.11</u>
Dissection,neck	peritoneum NEC 88.13
Radicotomy 03.1	retroperitoneum NEC 88.15
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88.19	chest wall 87.38
wall (soft tissue) NEC 88.09	nose 87.15
adenoid <u>87.09</u>	skull 87.02
ankle (skeletal) 88.28	spinal disc(s) 87.21
soft tissue 88.37	trachea 87.32
bone survey 88.31	uterus
bronchus 87.49	gas 87.82
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wall NEC 87.39	vas deferens 87.94
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skull (lateral, sagittal or tangential	between rightventricle and pulmonary
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lumbosacral <u>87.24</u>	transposition of great vessels <u>35.92</u>
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symphysis menti 87.16	prostate60.62
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upper arm (skeletal) <u>88.21</u>	by
soft tissue 88.35	cryotherapy <u>14.52</u>
upper limb (skeletal) NEC <u>88.24</u>	diathermy <u>14.51</u>
soft tissue NEC <u>88.35</u>	electrocoagulation 14.51
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uterus NEC <u>87.85</u>	laser 14.54
gravid <u>87.81</u>	xenon arc 14.53
uvula <u>87.09</u>	ear (amputated) 18.72
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ReattachmentCont.	RecessionCont.
extremity <u>84.29</u>	tendon <u>83.72</u>
ankle <u>84.27</u>	hand <u>82.52</u>
arm (upper) NEC <u>84.24</u>	Reclosure see also Closure disrupted
fingers, except thumb 84.22	abdominal wall (postoperative) <u>54.61</u>
thumb <u>84.21</u>	Reconstruction (plastic) see also
foot <u>84.26</u>	Construction and Repair, by site
forearm <u>84.23</u>	alveolus, alveolar (process) (ridge) (with
hand <u>84.23</u>	graft or implant) <u>24.5</u>
leg (lower) NEC <u>84.27</u>	artery (graft) see Graft, artery
thigh <u>84.28</u>	artificial stoma, intestine 46.40
thumb <u>84.21</u>	auditory canal (external) <u>18.6</u>
toe <u>84.25</u>	auricle (ear) <u>18.71</u>
wrist <u>84.23</u>	bladder <u>57.87</u>
finger <u>84.22</u>	with
thumb <u>84.21</u>	ileum <u>57.87</u> [ <u>45.51</u> ]
foot <u>84.26</u>	sigmoid <u>57.87</u> [ <u>45.52</u> ]
forearm <u>84.23</u>	bone,except facialsee also
hand <u>84.23</u>	Osteoplasty <u>78.40</u>
joint capsule see also Arthroplasty 81.96	facial NEC <u>76.46</u>
leg (lower) NEC <u>84.27</u>	with total ostectomy <u>76.44</u>
ligament see also Arthroplasty	mandible <u>76.43</u>
uterosacral <u>69.22</u>	with total mandibulectomy <u>76.41</u>
muscle <u>83.74</u>	breast, total <u>85.7</u>
hand <u>82.54</u>	bronchus <u>33.48</u>
papillary (heart) <u>35.31</u>	canthus (lateral) <u>08.59</u>
nerve (peripheral) <u>04.79</u>	cardiac annulus <u>35.33</u>
nose (amputated) <u>21.89</u>	chest wall (mesh) (silastic) 34.79
papillary muscle (heart) <u>35.31</u>	cleft lip <u>27.54</u>
penis (amputated) <u>64.45</u>	conjunctival cul-de-sac <u>10.43</u>
retina (and choroid) NEC <u>14.59</u>	with graft (buccal mucous
by	membrane) (free) <u>10.42</u>
cryotherapy <u>14.52</u>	cornea NEC <u>11.79</u>
diathermy <u>14.51</u>	diaphragm <u>34.84</u>
electrocoagulation 14.51	ear (external) (auricle) <u>18.71</u>
photocoagulation <u>14.55</u>	external auditory canal <u>18.6</u>
laser <u>14.54</u>	meatus (new) (osseous skin-lined) 18.6
xenon arc <u>14.53</u>	ossicles <u>19.3</u>
tendon (to tendon) <u>83.73</u>	prominent or protruding 18.5
hand <u>82.53</u>	eyebrow <u>08.70</u>
to skeletal attachment <u>83.88</u>	eyelid <u>08.70</u>
hand <u>82.85</u>	with graft or flap <u>08.69</u>
thigh <u>84.28</u>	hair follicle <u>08.63</u>
thumb <u>84.21</u>	mucous membrane <u>08.62</u>
toe <u>84.25</u>	skin <u>08.61</u>
tooth <u>23.5</u>	tarsoconjunctival (one-stage)
uterosacral ligament(s) <u>69.22</u>	(two-stage) <u>08.64</u>
vessels (peripheral) 39.59	full-thickness <u>08.74</u>
renal, aberrant 39.55	involving lid margin <u>08.73</u>
wrist <u>84.23</u>	partial-thickness <u>08.72</u>
Recession	involving lid margin <u>08.71</u>
extraocular muscle <u>15.11</u>	eye socket 16.64
multiple (two or more muscles) (with	with graft <u>16.63</u>
advancement or resection) 15.3	fallopian tube 66.79
gastrocnemius tendon(Strayer operation)	foot and toes (with fixation device) <u>81.57</u>
83.72	with prosthetic implant 81.57
levator palpebrae (superioris)muscle <u>08.38</u>	frontonasal duct 22.79
prognathic jaw <u>76.64</u>	hip (total) (with prosthesis) <u>81.51</u>

ReconstructionCont.	ReductionCont.
intraoral <u>27.59</u>	bulbous tuberosities (mandible) (maxilla)
joint see Arthroplasty	(fibrous) (osseous) 24.31
lymphatic (by transplantation) 40.9	buttocks <u>86.83</u>
mandible <u>76.43</u>	diastasis, ankle mortise (closed) 79.77
with total mandibulectomy 76.41	open <u>79.87</u>
mastoid cavity 19.9	dislocation (of joint) (manipulation) (with
mouth 27.59	cast) (with splint) (with traction device)
nipple NEC <u>85.87</u>	(closed) <u>79.70</u>
nose (total) (with arm flap) (with forehead	with fracturesee Reduction,fracture,by si
flap) 21.83	ankle (closed) 79.77
ossicles (graft) (prosthesis) NEC 19.3	open 79.87
with	elbow (closed) 79.72
stapedectomy 19.19	open 79.82
tympanoplasty 19.53	finger (closed) 79.74
pelvic floor 71.79	open 79.84
penis (rib graft) (skin graft)	foot (closed) 79.78
(myocutaneous flap) 64.44	open 79.88
pharynx 29.4	hand (closed) 79.74
scrotum (with pedicle flap) (with	open 79.84
rotational flap) 61.49	hip (closed) 79.75
skin (plastic) (without graft) NEC <u>86.89</u>	open <u>79.85</u>
with graft see Graft, skin	knee (closed) 79.76
subcutaneous tissue (plastic) (without	open 79.86
skin graft) NEC <u>86.89</u>	open (with external fixation) (with
with graft see Graft, skin	internal fixation) 79.80
tendon pulley(with graft)(with local	specified site NEC 79.89
tissue)83.83	shoulder (closed) 79.71
for opponensplasty 82.71	open <u>79.81</u>
hand <u>82.71</u>	specified site (closed) NEC 79.79
thumb (osteoplastic) (with bone graft)	open <u>79.89</u>
(with skin graft) 82.69	temporomandibular (closed) 76.93
trachea (with graft) 31.75	open 76.94
umbilicus 53.49	toe (closed) 79.78
ureteropelvic junction 55.87	open 79.88
urethra <u>58.46</u>	wrist (closed) 79.73
vagina 70.62	open <u>79.83</u>
vas deferens, surgically divided 63.82	elephantiasis, scrotum 61.3
Recontour, gingiva 24.2	epistaxissee also Control, epistaxis 21.00
Recreational therapy <u>93.81</u>	fracture (bone) (with cast) (with splint)
Rectectomysee also Resection, rectum 48.69	(with traction device) (closed) 79.00
Rectopexy (Delorme) 48.76	with internal fixation 79.10
abdominal (Ripstein) <u>48.75</u>	alveolar process(with stabilization of teeth)
Rectoplasty <u>48.79</u>	mandible (closed) 76.75
Rectorectostomy <u>48.74</u>	open <u>76.77</u>
Rectorrhaphy <u>48.71</u>	maxilla (closed) 76.73
Rectosigmoidectomy see also Resection,	open <u>76.77</u>
rectum <u>48.69</u>	open <u>76.77</u>
transsacral <u>48.61</u>	ankle see Reduction, fracture, leg
Rectosigmoidostomy <u>45.94</u>	arm (closed) NEC <u>79.02</u>
Rectostomy 48.1	with internal fixation 79.12
closure <u>48.72</u>	open <u>79.22</u>
Red cell survival studies <u>92.05</u>	with internal fixation 79.32
Reduction	blow-out see Reduction, fracture, orbit
adipose tissue <u>86.83</u>	carpal, metacarpal (closed) 79.03
batwing arms 86.83	with internal fixation 79.13
breast (bilateral) <u>85.32</u>	open <u>79.23</u>
unilateral 85.31	with internal fixation 79.33

Reduction-fractureCont.	Reduction-fractureCont.
epiphysis see Reduction, separation	radius (closed) 79.02
facial (bone) NEC <u>76.70</u>	with internal fixation 79.12
closed <u>76.78</u>	open <u>79.22</u>
open <u>76.79</u>	with internal fixation 79.32
femur (closed) 79.05	skull <u>02.02</u>
with internal fixation 79.15	specified site (closed) NEC <u>79.09</u>
open <u>79.25</u>	with internal fixation 79.19
with internal fixation 79.35	open <u>79.29</u>
fibula (closed) <u>79.06</u>	with internal fixation 79.39
with internal fixation 79.16	spine <u>03.53</u>
open <u>79.26</u>	tarsal, metatarsal (closed) <u>79.07</u>
with internal fixation 79.36	with internal fixation <u>79.17</u>
foot (closed) NEC <u>79.07</u>	open <u>79.27</u>
with internal fixation 79.17	with internal fixation 79.37
open <u>79.27</u>	tibia (closed) <u>79.06</u>
with internal fixation 79.37	with internal fixation 79.16
hand (closed) NEC <u>79.03</u>	open <u>79.26</u>
with internal fixation 79.13	with internal fixation 79.36
open <u>79.23</u>	ulna (closed) <u>79.02</u>
with internal fixation <u>79.33</u>	with internal fixation 79.12
humerus (closed) <u>79.01</u>	open <u>79.22</u>
with internal fixation 79.11	with internal fixation 79.32
open <u>79.21</u>	vertebra <u>03.53</u>
with internal fixation 79.31	zygoma, zygomatic arch (closed) <u>76.71</u>
jaw (lower) see also Reduction,	open <u>76.72</u>
fracture, mandible	fracture dislocationsee Reduction,fracture
uppersee Reduction,fracture,maxilla	heart volume <u>37.35</u>
larynx <u>31.64</u>	hemorrhoids (manual) <u>49.41</u>
leg (closed) NEC <u>79.06</u>	hernia see also Repair, hernia
with internal fixation 79.16	manual <u>96.27</u>
open <u>79.26</u>	intussusception (open) 46.80
with internal fixation 79.36	with
malar (closed) <u>76.71</u>	fluoroscopy <u>96.29</u>
open <u>76.72</u>	ionizing radiation enema 96.29
mandible(with dental wiring)(closed) 76.75	ultrasonography guidance <u>96.29</u>
open <u>76.76</u>	hydrostatic 96.29
maxilla(with dental wiring)(closed) 76.73	large intestine <u>46.82</u>
open <u>76.74</u>	endoscopic (balloon) <u>46.85</u>
nasal (closed) <u>21.71</u>	pneumatic <u>96.29</u>
open <u>21.72</u>	small intestine <u>46.81</u>
open <u>79.20</u>	lung volume <u>32.22</u>
with internal fixation 79.30	biologic lung volume reduction (BLVR)
specified site NEC <u>79.29</u>	- see category <u>33.7</u>
with internal fixation 79.39	malrotation,intestine(manual)(surgical)
orbit (rim) (wall) (closed) <u>76.78</u>	<u>46.80</u>
open <u>76.79</u>	large <u>46.82</u>
patella(open)(with internal fixation) 79.36	endoscopic (balloon) <u>46.85</u>
phalanges	small <u>46.81</u>
foot (closed) <u>79.08</u>	mammoplasty (bilateral) <u>85.32</u>
with internal fixation 79.18	unilateral <u>85.31</u>
open <u>79.28</u>	prolapse
with internal fixation 79.38	anus (operative) 49.94
hand (closed) <u>79.04</u>	colostomy (manual) 96.28
with internal fixation 79.14	enterostomy (manual) 96.28
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with internal fixation 79.34	rectum (manual) 96.26

eduction- prolapseCont.	Referral (for)
uterus	psychiatric aftercare (halfway house)
by pessary <u>96.18</u>	(outpatient clinic) 94.52
surgical <u>69.22</u>	psychotherapy <u>94.51</u>
ptosis overcorrection <u>08.37</u>	rehabilitation
retroversion, uterus by pessary <u>96.18</u>	alcoholism <u>94.53</u>
separation, epiphysis (with internal fixation)	drug addiction <u>94.54</u>
(closed) <u>79.40</u>	psychologic NEC <u>94.59</u>
femur (closed) 79.45	vocational <u>94.55</u>
open <u>79.55</u>	Reformation
fibula (closed) 79.46	cardiac pacemaker pocket, new site (skin)
open <u>79.56</u>	(subcutaneous) 37.79
humerus (closed) 79.41	cardioverter/defibrillator (automatic) pocket,
open <u>79.51</u>	new site (skin) (subcutaneous) 37.99
open <u>79.50</u>	chamber of eye 12.99
specified site (closed) NEC see also	Refracture
category <u>79.4</u>	bone (for faulty union) see also Osteoclasis
open see category <u>79.5</u>	78.70
tibia (closed) 79.46	nasal bones 21.88
open <u>79.56</u>	Refusion
size	spinal, NOS 81.30
abdominal wall (adipose) (pendulous) 86.83	atlas-axis (anterior) (transoral)
arms (adipose) (batwing) 86.83	(posterior) 81.31
breast (bilateral) <u>85.32</u>	cervical (C2 level or below) NEC 81.32
unilateral 85.31	anterior (interbody), anterolateral
buttocks (adipose) 86.83	technique 81.32
finger (macrodactyly repair) 82.83	C1-C2 level (anterior)(posterior) 81.31
skin 86.83	posterior (interbody), posterolateral
subcutaneous tissue <u>86.83</u>	technique 81.33
thighs (adipose) 86.83	craniocervical
torsion	(anterior)(transoral)(posterior) 81.31
intestine (manual) (surgical) 46.80	dorsal, dorsolumbar NEC 81.35
large 46.82	anterior (interbody), anterolateral
endoscopic (balloon) 46.85	technique 81.34
small 46.81	posterior (interbody) posterolateral
kidney pedicle <u>55.84</u>	technique 81.35
omentum <u>54.74</u>	lumbar, lumbosacral NEC 81.38
spermatic cord 63.52	anterior (interbody), anterolateral
with orchiopexy 62.5	technique <u>81.36</u>
testis <u>63.52</u>	anterior lumbar interbody fusion (ALIF)
with orchiopexy 62.5	81.36
uterus NEC <u>69.98</u>	lateral transverse process technique
gravid <u>75.99</u>	<u>81.37</u>
ventricular <u>37.35</u>	posterior (interbody), posterolateral
volvulus	technique 81.38
intestine 46.80	posterior lumbar interbody fusion
large <u>46.82</u>	(PLIF) <u>81.38</u>
endoscopic (balloon) 46.85	transforaminal lumbar interbody
small <u>46.81</u>	fusion (TLIF) <u>81.38</u>
stomach <u>44.92</u>	number of vertebrae
Reefing, joint capsule see also	- see codes <u>81.62 - 81.64</u>
Arthroplasty 81.96	occiput-C2 (anterior) (transoral) (posterior)
Re-entry operation (aorta) 39.54	<u>81.31</u>
Re-establishment, continuity	refusion NEC 81.39
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bowel <u>46.50</u>	Note : Also use either <u>81.62</u> , <u>81.63</u> , or <u>81.64</u>
fallopian tube <u>66.79</u>	as an additional code to show the total
vas deferens <u>63.82</u>	number of vertebrae fused

Regional blood flow study 92.05	Release
Regulation, menstrual 69.6 Rehabilitation programs NEC 93.89	carpal tunnel (for nerve decompression) 04.43
alcohol 94.61	celiac artery axis 39.91
with detoxification 94.63	central slip, extensor tendon hand
combined alcohol and drug 94.67	(mallet finger repair) 82.84
with detoxification 94.69	chordee 64.42
drug 94.64	clubfoot NEC 83.84
with detoxification 94.66	de Quervain's tenosynovitis 82.01
combined drug and alcohol 94.67	Dupuytren's contracture (by palmar
with detoxification 94.69	fasciectomy) 82.35
sheltered employment 93.85	by fasciotomy (subcutaneous) 82.12
vocational 93.85	with excision 82.35
Reimplantation	Fowler (mallet finger repair) <u>82.84</u>
adrenal tissue (heterotopic) (orthotopic)	joint (capsule) (adherent) (constrictive)
<u>07.45</u>	see also Division, joint capsule <u>80.40</u>
artery <u>39.59</u>	laryngeal <u>31.92</u>
renal, aberrant <u>39.55</u>	ligamentsee also Division, ligament <u>80.40</u>
bile ducts following excision of ampulla	median arcuate <u>39.91</u>
of Vater <u>51.62</u>	median arcuate ligament 39.91
extremity see Reattachment, extremity	muscle (division) <u>83.19</u>
fallopian tube into uterus <u>66.74</u>	hand <u>82.19</u>
kidney <u>55.61</u>	nerve (peripheral) NEC <u>04.49</u>
lung <u>33.5</u>	cranial NEC <u>04.42</u>
ovary <u>65.72</u>	trigeminal <u>04.41</u>
laparoscopic 65.75	pressure, intraocular <u>12.79</u> scar tissue
pancreatic tissue <u>52.81</u> parathyroid	skin 86.84
tissue(heterotopic)(orthotopic) <u>06.95</u>	stoma see Revision, stoma
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35.83	tendon 83.13
renal vessel, aberrant 39.55	hand <u>82.11</u>
testis in scrotum 62.5	extensor, central slip (repair mallet
thyroid tissue (heterotopic) (orthotopic)	finger) 82.84
06.94	sheath <u>83.01</u>
tooth <u>23.5</u>	hand <u>82.01</u>
ureter into bladder <u>56.74</u>	tenosynovitis <u>83.01</u>
Reinforcement see also Repair, by site	abductor pollicis longus <u>82.01</u>
sclera NEC <u>12.88</u>	de Quervain's <u>82.01</u>
with graft <u>12.87</u>	external pollicis brevis <u>82.01</u>
Reinsertion see also Insertion or Revision	hand <u>82.01</u>
cystostomy tube <u>59.94</u>	torsion
fixation device (internal) see also	intestine 46.80
Fixation, bone, internal 78.50	large 46.82
heart valve (prosthetic) 35.95	endoscopic (balloon) <u>46.85</u>
Holter (-Spitz) valve <u>02.42</u>	small <u>46.81</u> kidney pedicle <u>55.84</u>
implant (expelled) (extruded) eyeball (with conjunctival graft) 16.62	ovary 65.95
orbital 16.62	testes 63.52
nephrostomy tube <u>55.93</u>	transverse carpal ligament (for nerve
pyelostomy tube <u>55.94</u>	decompression) 04.43
ureteral stent (transurethral) 59.8	trigger finger or thumb 82.01
with ureterotomy <u>59.8</u> [ <u>56.2</u> ]	urethral stricture 58.5
ureterostomy tube 59.93	Volkmann's contracture
valve	excision of scar, muscle 83.32
heart (prosthetic) 35.95	fasciotomy <u>83.14</u>
ventricular (cerebral) <u>02.42</u>	muscle transplantation 83.77
Relaxation see also Release training 94.33	web contracture (skin) 86.84

Relief see Release
Relocation see also Revision
cardiac device (CRT-D) (CRT-P)(defibrillator)
(pacemaker) pocket, new site (skin)
(subcutaneous) <u>37.79</u>
CRT-D pocket 37.79
CRT-P pocket 37.79
subcutaneous device pocket NEC 86.09
Remobilization
joint 93.16
stapes 19.0
Remodel
ventricle <u>37.35</u>
Removal see also Excision
Abrams bar (chest wall) 34.01
abscess see Incision, by site
adenoid tag(s) 28.6
anal sphincter
with revision 49.75
without revision 49.76
arch bars (orthodontic) 24.8
immobilization device 97.33
arterial graft or prosthesis 39.49
arteriovenous shunt (device) 39.43
with creation of new shunt 39.42
Barton's tongs (skull) 02.95
with synchronous replacement 02.94
bladder sphincter, artificial 58.99
with replacement 58.93
blood clot see also Incision, by site
bladder (by incision) 57.19
without incision 57.0
kidney (without incision) 56.0
by incision 55.01
ureter
by incision 56.2
bone fragment (chip) see also Incision,
bone 77.10
joint see also Arthrotomy 80.10
necrotic see also Sequestrectomy,
bone 77.00
joint see also Arthrotomy 80.10
skull 01.25
with debridement compound fracture
02.02
bone growth stimulatorsee category <u>78.6</u>
bony spicules, spinal canal 03.53
brace 97.88
breast implant 85.94
tissue expander <u>85.96</u>
bronchial device or substance
endoscopic 33.78 calcareous deposit
bursa 83.03
hand <u>82.03</u>
tendon, intratendinous 83.39
hand 82 29
11011U U4.43

emovalCont.
calcification, heart valve leaflets - see
Valvuloplasty,heart
calculus
bile duct (by incision) <u>51.49</u>
endoscopic <u>51.88</u>
laparoscopic <u>51.88</u>
percutaneous <u>51.98</u>
bladder (by incision) <u>57.19</u>
without incision <u>57.0</u>
common duct (by incision) 51.41
endoscopic <u>51.88</u>
laparoscopic <u>51.88</u>
percutaneous <u>51.96</u>
gallbladder <u>51.04</u>
endoscopic <u>51.88</u>
laparoscopic 51.88
kidney (by incision) <u>55.01</u>
without incision (transurethral) <u>56.0</u>
percutaneous <u>55.03</u>
with fragmentation (ultrasound) <u>55.04</u>
renal pelvis (by incision) <u>55.11</u>
percutaneous nephostomy <u>55.03</u>
with fragmentation <u>55.04</u>
transurethral <u>56.0</u>
lacrimal
canaliculi <u>09.42</u>
by incision <u>09.52</u>
gland <u>09.3</u>
by incision <u>09.0</u>
passage(s) <u>09.49</u>
by incision <u>09.59</u>
punctum <u>09.41</u>
by incision <u>09.51</u>
sac <u>09.49</u>
by incision <u>09.53</u>
pancreatic duct (by incision) <u>52.09</u>
endoscopic <u>52.94</u>
perirenal tissue 59.09
pharynx <u>29.39</u> prostate 60.0
salivary gland (by incision) 26.0
by probe 26.91
ureter (by incision) 56.2
without incision 56.0
urethra (by incision) 58.0
without incision 58.6
caliper tongs (skull) 02.95
cannula
for extracorporeal membrane
oxygenation (ECMO) omit code
cardiac pacemaker (device) (initial)
(permanent)(cardiac resynchronization
device.CRT-P) 37.89

Removal -cardiac pacemakerCont.	RemovalCont.
with replacement (by)	decidua (by)
cardiac resynchronization pacemaker	aspiration curettage 69.52
(CRT-P)	curettage (D and C) <u>69.02</u>
device only <u>00.53</u>	manual <u>75.4</u>
total system <u>00.50</u>	dental wiring(immobilization device) 97.33
dual chamber device 37.87	orthodontic <u>24.8</u>
single-chamber device 37.85	device (therapeutic) NEC <u>97.89</u>
rate responsive <u>37.86</u>	abdomen NEC <u>97.86</u>
cardioverter/defibrillator pulse generator	bronchus 33.78
without replacement (cardiac	valve 33.78
resynchronization defibrillator	digestive system NEC 97.59
device (CRT-D)) <u>37.79</u>	drainage see Removal, tube
cast <u>97.88</u>	external fixation device 97.88
with reapplication <u>97.13</u> lower limb <u>97.12</u>	mandibular NEC <u>97.36</u> minifixator (bone)see category <u>78.6</u>
upper limb <u>97.12</u>	for musculoskeletal immobilization
catheter (indwelling)see also Removal,	NEC 97.88
tube	genital tract NEC 97.79
bladder 97.64	head and neck NEC 97.39
cranial cavity 01.27	intrauterine contraceptive 97.71
middle ear (tympanum) 20.1	spine 80.09
ureter 97.62	thorax NEC <u>97.49</u>
urinary 97.64	trunk NEC 97.87
ventricular (cerebral) <u>02.43</u>	urinary system NEC <u>97.69</u>
with synchronous replacement 02.42	diaphragm, vagina <u>97.73</u>
cerclage material, cervix 69.96	drainage device see Removal, tube
cerumen, ear <u>96.52</u>	dye, spinal canal <u>03.31</u>
corneal epithelium <u>11.41</u>	ectopic fetus (from) <u>66.02</u>
for smear or culture 11.21	abdominal cavity 74.3
coronary artery obstruction (thrombus)	extraperitoneal (intraligamentous) 74.3
36.09	fallopian tube (by salpingostomy) <u>66.02</u>
direct intracoronary artery infusion 36.04	by salpingotomy <u>66.01</u> with salpingectomy <u>66.62</u>
open chest approach 36.03	intraligamentous 74.3
percutaneous transluminal (balloon)	ovarian 74.3
	peritoneal (following uterine or tubal
Note: Also use <u>00.40, 00.41,</u>	rupture) 74.3
<u>00.42, or 00.43</u> to show the	site NEC 74.3
total number of vessels	tubal (by salpingostomy) 66.02
treated. Use code <u>00.44</u>	by salpingotomy <u>66.01</u>
once to show procedure on a bifurcated vessel. In	with salpingectomy <u>66.62</u>
addition, use 00.45, 00.46,	electrodes
00.47, or 00.48 to show the	bone growth stimulatorsee category
number of vascular stents	<u>78.6</u>
inserted.	brain <u>01.22</u>
	depth <u>01.22</u>
with thrombolytic agent infusion	with synchronous replacement <u>02.93</u>
36.02	foramen ovale <u>01.22</u> with synchronous replacement 02.93
multiple vessels 36.05	sphenoidal omit code
Crutchfield tongs (skull) <u>02.95</u> with synchronous replacement <u>02.94</u>	with synchronous replacement 02.96
cyst see also Excision, lesion, by site	cardiac pacemaker (atrial) (transvenous)
dental 24.4	(ventricular) 37.77
lung 32.29	with replacement 37.76
endoscopic 32.28	depth 01.22
cystic duct remnant 51.61	with synchronous replacement <u>02.93</u>

Removal -electrodesCont.	Removal -embolusCont.
epicardial (myocardial) <u>37.77</u>	lower limb
with replacement (by)	artery <u>38.08</u>
atrial and/or ventricular lead(s)	vein <u>38.09</u>
(electrode) 37.76	pulmonary (artery) (vein) 38.05
epicardial lead <u>37.74</u>	thoracic vessel NEC 38.05
epidural pegs <u>01.22</u> with synchronous replacement <u>02.93</u>	upper limb (artery) (vein) <u>38.03</u> embryo see Removal, ectopic fetus
foramen ovale 01.22	encircling tube, eye (episcleral) 14.6
with synchronous replacement 02.93	epithelial downgrowth, anterior chamber
gastric 04.93	12.93
with synchronous replacement 04.92	external fixation device 97.88
intracranial 01.22	mandibular NEC 97.36
with synchronous replacement 02.93	minifixator (bone) see category 78.6
peripheral nerve 04.93	extrauterine embryo see Removal,
with synchronous replacement 04.92	ectopic fetus
sacral nerve <u>04.93</u>	eyeball <u>16.49</u>
sphenoidal <i>omit code</i>	with implant 16.42
with synchronous replacement <u>02.96</u>	with attachment of muscles 16.41
spinal <u>03.94</u>	fallopian tube see Salpingectomy
with synchronous replacement <u>03.93</u>	feces (impacted) (by flushing) (manual) <u>96.38</u>
temporary transvenous pacemaker	fetus, ectopic see Removal, ectopic fetus
system omit code	fingers, supernumerary <u>86.26</u>
electroencephalographic receiver (brain)	fixation device
(intracranial) <u>01.22</u>	external <u>97.88</u>
with synchronous replacement <u>02.93</u>	mandibular NEC 97.36
electronic	minifixator (bone)see category <u>78.6</u>
stimulator - see Removal,	internal 78.60
neurostimulator, by site bladder 57.98	carpal, metacarpal <u>78.64</u> clavicle 78.61
bone 78.6	facial (bone) 76.97
skeletal muscle 83.93	femur 78.65
with synchronous replacement 83.92	fibula 78.67
ureter 56.94	humerus 78.62
electrostimulator see Removal,	patella 78.66
electronic, stimulator, by site	pelvic <u>78.69</u>
embolus 38.00	phalanges (foot) (hand) 78.69
with endarterectomy	radius <u>78.63</u>
see Endarterectomy	scapula <u>78.61</u>
abdominal	specified site NEC <u>78.69</u>
artery <u>38.06</u>	tarsal, metatarsal <u>78.68</u>
vein <u>38.07</u>	thorax (ribs) (sternum) <u>78.61</u>
aorta (arch) (ascending) (descending)	tibia <u>78.67</u>
38.04	ulna <u>78.63</u>
arteriovenous shunt or cannula 39.49	vertebrae 78.69
bovine graft 39.49	foreign body NEC see also Incision,
head and neck vessel	by site 98.20
endovascular approach <u>39.74</u> open approach, intracranial vessels	abdominal (cavity) <u>54.92</u> wall <u>54.0</u>
38.01	adenoid <u>98.13</u>
open approach, other vessels of	by incision <u>28.91</u>
head and neck 38.02	alveolus, alveolar bone 98.22
intracranial vessel	by incision 24.0
endovascular approach 39.74	antecubital fossa 98.27
open approach, intracranial vessels	by incision 86.05
38.01	anterior chamber 12.00
open approach, other vessels of	by incision 12.02
head and neck 38.02	with use of magnet 12.01

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Removal -foreign bodyCont.	Removal -foreign bodyCont.
anus (intraluminal) <u>98.05</u>	fascia <u>83.09</u>
by incision 49.93	hand <u>82.09</u>
artificial stoma (intraluminal) 98.18	foot <u>98.28</u>
auditory canal, external 18.02	gall bladder <u>51.04</u>
axilla <u>98.27</u>	groin region (abdominal wall) (inguinal
by incision 86.05	54.0
bladder (without incision) 57.0	gum <u>98.22</u>
	by incision <u>24.0</u>
by incision 57.19	
bone, except fixation device see also	hand 98.26
Incision, bone 77.10	head and neck NEC <u>98.22</u>
alveolus, alveolar <u>98.22</u>	heart <u>37.11</u>
by incision <u>24.0</u>	internal fixation device see Removal,
brain <u>01.39</u>	fixation device, internal
without incision into brain <u>01.24</u>	intestine
breast <u>85.0</u>	by incision <u>45.00</u>
bronchus (intraluminal) <u>98.15</u>	large (intraluminal) <u>98.04</u>
by incision 33.0	by incision <u>45.03</u>
bursa 83.03	small (intraluminal) 98.03
hand <u>82.03</u>	by incision 45.02
canthus 98.22	intraocular (by incision) 12.00
by incision 08.51	with use of magnet 12.01
cerebral meninges <u>01.31</u>	without use of magnet 12.02
cervix (intraluminal) NEC <u>98.16</u>	iris (by incision) 12.00
penetrating 69.97	with use of magnet 12.01
choroid (by incision) 14.00	without use of magnet 12.02
with use of magnet 14.01	joint structures see also Arthrotomy
without use of magnet 14.02	80.10
ciliary body (by incision) 12.00	kidney (transurethral) (by endoscopy)
with use of magnet 12.01	<u>56.0</u>
without use of magnet 12.02	by incision <u>55.01</u>
conjunctiva (by magnet) <u>98.22</u>	pelvis (transurethral) <u>56.0</u>
by incision <u>10.0</u>	by incision <u>55.11</u>
cornea <u>98.21</u>	labia <u>98.23</u>
by	by incision <u>71.09</u>
incision 11.1	lacrimal
magnet $\overline{11.0}$	canaliculi 09.42
duodenum 98.03	by incision 09.52
by incision 45.01	gland 09.3
ear (intraluminal) 98.11	by incision 09.0
with incision 18.09	passage(s) <u>09.49</u>
epididymis 63.92	by incision 09.59
esophagus (intraluminal) 98.02	· · · · · · · · · · · · · · · · · · ·
	punctum <u>09.41</u>
by incision 42.09	by incision <u>09.51</u>
extrapleural (by incision) 34.01	sac <u>09.49</u>
eye, eyeball (by magnet) 98.21	by incision <u>09.53</u>
anterior segment (by incision) 12.00	large intestine (intraluminal) <u>98.04</u>
with use of magnet 12.01	by incision 45.03
without use of magnet <u>12.02</u>	larynx (intraluminal) <u>98.14</u>
posterior segment (by incision) <u>14.00</u>	by incision <u>31.3</u>
with use of magnet <u>14.01</u>	lens <u>13.00</u>
without use of magnet 14.02	by incision <u>13.02</u>
superficial <u>98.21</u>	with use of magnet <u>13.01</u>
eyelid <u>98.22</u>	liver <u>50.0</u>
by incision <u>08.09</u>	lower limb, except foot 98.29
fallopian tube	foot <u>98.28</u>
by salpingostomy <u>66.02</u>	lung 33.1
by salpingostomy 66.01	mediastinum 34.1

Removal -foreign body Cont.
meninges (cerebral) 01.31
spinal 03.01
mouth (intraluminal) 98.01
by incision 27.92
muscle <u>83.02</u>
hand <u>82.02</u>
nasal sinus 22.50
antrum 22.2
with Caldwell-Luc approach 22.39
ethmoid <u>22.51</u>
frontal 22.41
maxillary <u>22.2</u>
with Caldwell-Luc approach 22.39
sphenoid <u>22.52</u>
nerve (cranial) (peripheral) NEC <u>04.04</u>
root <u>03.01</u>
nose (intraluminal) <u>98.12</u>
by incision 21.1
oral cavity (intraluminal) 98.01
by incision <u>27.92</u>
orbit (by magnet) <u>98.21</u>
by incision <u>16.1</u>
palate (penetrating) <u>98.22</u>
by incision <u>27.1</u>
pancreas <u>52.09</u>
penis <u>98.24</u>
by incision <u>64.92</u>
pericardium <u>37.12</u>
perineum (female) 98.23
by incision 71.09
male <u>98.25</u>
by incision 86.05
perirenal tissue <u>59.09</u>
peritoneal cavity <u>54.92</u>
perivesical tissue 59.19
pharynx (intraluminal) 98.13
by pharyngotomy 29.0
pleura (by incision) 34.09
popliteal space 98.29
by incision <u>86.05</u> rectum (intraluminal) <u>98.05</u>
by incision 48.0
renal pelvis (transurethral) <u>56.0</u>
by incision 56.1
retina (by incision) 14.00
with use of magnet 14.01
without use of magnet 14.02
retroperitoneum 54.92
sclera (by incision) 12.00
with use of magnet 12.01
without use of magnet 12.02
scrotum <u>98.24</u>
by incision 61.0
sinus (nasal) 22.50
antrum <u>22.2</u>
with Caldwell-Luc approach 22.39
ethmoid 22.51

Democrat females heads since Caus
Removal -foreign body -sinusCont.
frontal <u>22.41</u>
maxillary <u>22.2</u>
with Caldwell-Luc approach 22.39
sphenoid 22.52
skin NEC <u>98.20</u>
by incision <u>86.05</u>
skull <u>01.24</u>
with incision into brain <u>01.39</u>
small intestine (intraluminal) 98.03
by incision 45.02
soft tissue NEC 83.09
hand 82.09
spermatic cord <u>63.93</u>
spinal (canal) (cord) (meninges) <u>03.01</u>
stomach (intraluminal) <u>98.03</u>
bubble (balloon) 44.94
by incision 43.0
subconjunctival (by magnet) 98.22
by incision 10.0
subcutaneous tissue NEC <u>98.20</u>
by incision <u>86.05</u>
supraclavicular fossa <u>98.27</u>
by incision 86.05
tendon (sheath) 83.01
hand 82.01
testis <u>62.0</u>
thorax (by incision) 34.09
thyroid (field) (gland) (by incision) <u>06.09</u>
tonsil <u>98.13</u>
by incision 28.91
trachea (intraluminal) 98.15
by incision 31.3
trunk NEC 98.25
tunica vaginalis <u>98.24</u>
upper limb, except hand <u>98.27</u>
hand <u>98.26</u>
ureter (transurethral) <u>56.0</u>
by incision 56.2
urethra (intraluminal) 98.19
by incision 58.0
uterus (intraluminal) <u>98.16</u>
vagina (intraluminal) <u>98.17</u>
by incision <u>70.14</u>
vas deferens <u>63.6</u>
vitreous (by incision) 14.00
with use of magnet 14.01
without use of magnet 14.02
vulva <u>98.23</u>
by incision 71.09
gallstones
bile duct (by incision) NEC 51.49
endoscopic <u>51.88</u>
common duct (by incision) 51.41
endoscopic <u>51.88</u>
percutaneous <u>51.96</u>
duodenum <u>45.01</u>

Removal -gallstonesCont.	Removal -jointCont.
gallbladder <u>51.04</u>	hip <u>80.95</u>
endoscopic <u>51.88</u>	knee <u>80.96</u>
laparoscopic 51.88	other specified sites 80.99
hepatic ducts 51.49	shoulder <u>80.91</u>
endoscopic 51.88	spine 80.99
intestine 45.00	toe <u>80.98</u>
large 45.03	wrist 80.93
small NEC <u>45.02</u>	Kantrowitz heart pump 37.64
liver 50.0	nonoperative 97.44
Gardner Wells tongs (skull) 02.95	keel (tantalum plate), larynx 31.98
with synchronous replacement 02.94	kidney see also Nephrectomy
gastric band(adjustable), laparoscopic 44.97	mechanical 55.98
gastric bubble (balloon) 44.94	transplanted or rejected 55.53
granulation tissue see also Excision,	laminaria (tent), uterus 97.79
lesion, by site	leads (cardiac) see Removal, electrodes,
with repair see Repair, by site	cardiac pacemaker
cranial 01.6	lesion see Excision, lesion, by site
skull 01.6	ligamentum flavum (spine) omit code
halo traction device (skull) 02.95	ligature
with synchronous replacement 02.94	fallopian tube 66.79
heart assist system	ureter 56.86
with replacement 37.63	vas deferens 63.84
intra-aortic balloon pump (IABP) 97.44	limb lengthening device, internal
nonoperative 97.44	- see category 78.6
open removal 37.64	loop recorder 86.05
percutaneous external device 97.44	loose body
hematoma see Drainage, by site	bone see Sequestrectomy, bone
Hoffman minifixator device (bone)	joint 80.10
see category 78.6	mesh (surgical) see Removal, foreign
hydatidiform mole 68.0	body, by site
impacted	lymph node see Excision, lymph, node
feces (rectum)(by flushing)(manual) 96.3	
tooth 23.19	see category 78.6
from nasal sinus (maxillary) 22.61	external fixation device 97.88
implant	Mulligan hood, fallopian tube 66.94
breast 85.94	with synchronous replacement 66.93
cochlear prosthetic device 20.99	muscle stimulator (skeletal) 83.93
cornea 11.92	with replacement 83.92
lens (prosthetic) 13.8	myringotomy device or tube 20.1
middle ear NEC 20.99	nail (bed) (fold) 86.23
ocular 16.71	internal fixation device see Removal,
posterior segment 14.6	fixation device, internal
orbit 16.72	necrosis
retina 14.6	skin 86.28
tympanum 20.1	excisional 86.22
implantable hemodynamic sensor (lead)	neuropacemaker - see Removal,
and monitor device 37.79	neurostimulator, by site
internal fixation device see Removal,	neurostimulator
fixation device, internal	electrodes
intra-aortic balloon pump (IABP) 97.44	brain 01.22
intrauterine contraceptive device (IUD)	with synchronous replacement 02.93
97.71	gastric 04.93
joint (structure) NOS <u>80.90</u>	with synchronous replacement 04.92
ankle 80.97	intracranial 01.22
elbow 80.92	with synchronous replacement 02.93
foot and toe 80.98	peripheral nerve 04.93
hand and finger 80.94	with synchronous replacement 04.92

<b>Removal</b> -neurostimulator electrodesCont.	RemovalCont.
sacral nerve <u>04.93</u>	pelvic viscera, en masse (female) <u>68.8</u>
with synchronous replacement 04.92	male <u>57.71</u>
spinal 03.94	pessary, vagina NEC <u>97.74</u>
with synchronous replacement 03.93	pharynx (partial) 29.33
pulse generator (single array, dual array)	phlebolith see Removal, embolus
86.05	placenta (by)
with synchronous replacement 86.96	aspiration curettage 69.52
dual array 86.95	D and C 69.02
rechargeable 86.98	manual 75.4
single array 86.94	plaque, dental <u>96.54</u>
rechargeable 86.97	plate, skull 02.07
nonabsorbable surgical material NEC	with synchronous replacement 02.05
see Removal, foreign body, by site	polyp see also Excision, lesion, by site
odontoma (tooth) 24.4	esophageal 42.32
orbital implant 16.72	endoscopic 42.33
osteocartilagenous loose body, joint	gastric (endoscopic) 43.41
structuressee also Arthrotomy 80.10	intestine 45.41
outer attic wall (middle ear) 20.59	endoscopic 45.42
ovo-testis (unilateral) 62.3	nasal 21.31
bilateral 62.41	prosthesis
pacemaker	bile duct 51.95
brain (intracranial) -see Removal,	nonoperative 97.55
neurostimulator	cochlear prosthetic device 20.99
cardiac (device)(initial)(permanent)37.89	dental 97.35
with replacement	eye 97.31
dual-chamber device 37.87	facial bone 76.99
single-chamber device 37.85	fallopian tube 66.94
rate responsive 37.86	with synchronous replacement <u>66.93</u>
electrodes (atrial) (transvenous)	joint structures 80.00
(ventricular) 37.77	ankle 80.07
with replacement 37.76	elbow 80.02
epicardium (myocardium) 37.77	foot and toe 80.08
with replacement (by)	hand and finger 80.04
atrial and/or ventricular lead(s)	hip 80.05
(electrode) <u>37.76</u>	knee <u>80.06</u>
epicardial lead 37.74	shoulder 80.01
temporary transvenous pacemaker	specified site NEC 80.09
system omit code	spine 80.09
intracranial - see Removal,	wrist <u>80.03</u>
neurostimulator	lens 13.8
neural - see Removal, neurostimulator	penis (internal) without replacement
peripheral nerve - see Removal,	64.96
neurostimulator	Rosen (urethra) <u>59.99</u>
spinal - see Removal, neurostimulator	testicular, by incision 62.0
pack, packing	urinary sphincter, artificial 58.99
dental 97.34	with replacement 58.93
intrauterine 97.72	pseudophakos 13.8
nasal 97.32	pterygium 11.39
rectum <u>97.59</u>	with corneal graft 11.32
trunk NEC <u>97.85</u>	pulse generator
vagina <u>97.75</u>	cardiac pacemaker <u>37.86</u>
vulva 97.75	cardioverter/defibrillator 37.79
pantopaque dye, spinal canal <u>03.31</u>	neurostimulator - <i>see</i> Removal,
patella (complete) 77.96	neurostimulator, pulse generator
partial <u>77.86</u>	pump assist device, heart 37.64
pectus deformity implant device 34.01	with replacement 37.63
peccas deforming implant device 34.01	nononerative 97 44

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redundant skin, eyelid <u>08.86</u>	larynx 31.98
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kidney <u>55.53</u>	urethral <u>97.65</u>
testis <u>62.42</u>	stimoceiver -see Removal, neurostimulator
reservoir, ventricular (Ommaya) (Rickham)	subdural
02.43	grids 01.22
with synchronous replacement <u>02.42</u>	strips <u>01.22</u>
retained placenta (by)	supernumerary digit(s) <u>86.26</u>
aspiration curettage 69.52	suture(s) NEC 97.89
D and C 69.02	abdominal wall 97.83
manual 75.4	by incision see Incision, by site
retinal implant 14.6	genital tract 97.79
rhinolith 21.31	head and neck 97.38
rice bodies, tendon sheaths <u>83.01</u>	thorax 97.43
hand 82.01	trunk NEC 97.84
Roger-Anderson minifixator device (bone)	symblepharon see Repair, symblepharon
see category <u>78.6</u>	temporary transvenous pacemaker system
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23.11	testis (unilateral) 62.3
Rosen prosthesis (urethra) 59.99	bilateral 62.41
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Scribner shunt 39.43	thrombus 38.00
secondary membranous cataract (with	with endarterectomy
iridectomy) <u>13.65</u>	see Endarterectomy
secundines (by)	abdominal
aspiration curettage 69.52	artery <u>38.06</u>
D and C <u>69.02</u>	vein <u>38.07</u>
manual <u>75.4</u>	aorta (arch) (ascending) (descending)
sequestrum see Sequestrectomy	<u>38.04</u>
seton, anus <u>49.93</u>	arteriovenous shunt or cannula <u>39.49</u>
Shepard's tube (ear) <u>20.1</u>	bovine graft <u>39.49</u>
Shirodkar suture, cervix <u>69.96</u>	coronary artery <u>36.09</u>
shunt	head and neck vessel NEC 38.02
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with synchronous replacement 66.93	with synchronous replacement 02.94
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86.25	surgical NEC 23.19
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with synchronous replacement 02.94	residual root 23.11
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splint 97.88	with root canal therapy 23.72
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T-tube (bile duct) 97.55	craniotomy or
tube	fallopian tube
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bile duct (T-tube) NEC <u>97.55</u>	laminectomy o
cholecystostomy <u>97.54</u>	laparotomy site
cranial cavity 01.27	osteotomy site
cystostomy <u>97.63</u>	<u>77.10</u>
ear (button) <u>20.1</u>	facial bone 🧵
gastrostomy <u>97.51</u>	tarsorrhaphy <u>0</u>
large intestine <u>97.53</u>	thoracotomy si
liver <u>97.55</u>	hemorrhag
mediastinum <u>97.42</u>	(for explor
nephrostomy <u>97.61</u>	thyroid field w
pancreas <u>97.56</u>	hemorrhag
peritoneum <u>97.82</u>	(for explor
pleural cavity <u>97.41</u>	hematoma
pyelostomy <u>97.61</u>	<b>Repacking</b> see
retroperitoneum <u>97.81</u>	Repair
small intestine <u>97.52</u>	abdominal wal
thoracotomy <u>97.41</u>	adrenal gland
tracheostomy <u>97.37</u>	alveolus, alveo
tympanostomy <u>20.1</u>	(with graft)
tympanum <u>20.1</u>	anal sphincter
ureterostomy <u>97.62</u>	artificial sph
ureteral splint (stent) 97.62	implantat
urethral sphincter, artificial <u>58.99</u>	revision 4
with replacement <u>58.93</u>	laceration (b
urinary sphincter, artificial <u>58.99</u>	obstetric
with replacement <u>58.93</u>	old <u>49.79</u>
utricle <u>20.79</u>	aneurysm (fals
valve	by or with
vas deferens <u>63.85</u>	clipping 3
ventricular (cerebral) 02.43	coagulatio
vascular graft or prosthesis 39.49	coil (endo
ventricular shunt or reservoir <u>02.43</u>	head and
with synchronous replacement <u>02.42</u> Vinke tongs (skull) <u>02.95</u>	electrocoa excision
with synchronous replacement 02.94	See
vitreous (with replacement) 14.72	by si
anterior approach (partial) 14.71	with
open sky technique 14.71	anast
Wagner-Brooker minifixator device (bone)	
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wiring, dental(immobilization device) 97.33	graft
orthodontic 24.8	
Renipuncture (percutaneous) 55.92	g
Renogram 92.03	endovasci
Renotransplantation NEC 55.69	abdomin
Note: To report donor source:	head and
cadaver 00.93	lower ext
live non-related donor 00.92	thoracic
live related donor 00.91	upper ex
live unrelated donor 00.92	filipunctu
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blepharorrhaphy 08.02	Aneui
canthorrhaphy 08.02	replac
cilia base 08.71	ligation <u>3</u>

eopening - cont.
craniotomy or craniectomy site <u>01.23</u>
fallopian tube (divided) 66.79
iris in anterior chambers <u>12.97</u>
laminectomy or laminotomy site <u>03.02</u>
laparotomy site 54.12
osteotomy site see also Incision, bone
77.10
facial bone 76.09
tarsorrhaphy 08.02
thoracotomy site (for control of
have subsect (for control of
hemorrhage) (for examination)
(for exploration) 34.03
thyroid field wound (for control of
hemorrhage) (for examination)
(for exploration) (for removal of
hematoma) <u>06.02</u>
epacking see Replacement, pack, by site
epair
abdominal wall 54.72
adrenal gland 07.44
alveolus, alveolar (process) (ridge)
(with graft) (with implant) 24.5
anal sphincter 49.79
artificial sphincter
implantation 49.75
revision 49.75
laceration (by suture) 49.71
obstetric (current) <u>75.62</u>
old <u>49.79</u>
aneurysm (false) (true) 39.52
by or with
clipping 39.51
coagulation 39.52
coil (endovascular approach) 39.79
head and neck 39.72
electrocoagulation 39.52
excision or resection of vessel
see also Aneurysmectomy,
by site
with
anastomosis
see Aneurysmectomy,
with anastomosis, by site
graft replacement
see Aneurysmectomy, with
graft replacement, by site
endovascular graft <u>39.79</u>
abdominal aorta 39.71
head and neck 39.72
lower extremity artery(s) 39.79
thoracic aorta 39.73
upper extremity artery(s) 39.79
filipuncture 39.52
graft replacement see
Aneurysmectomy, with graft
replacement, by site
ligation 39.52

·
Repair -aneurysm -by or withCont.
liquid tissue adhesive (glue) <u>39.79</u>
endovascular approach 39.79
head and neck 39.72
methyl methacrylate 39.52
endovascular approach 39.79
head and neck 39.72
occlusion 39.52
endovascular approach 39.79
head and neck 39.72
suture <u>39.52</u>
trapping <u>39.52</u>
wiring 39.52
wrapping (gauze) (methyl
methacrylate) (plastic) 39.52
coronary artery <u>36.91</u>
heart <u>37.32</u>
sinus of Valsalva 35.39
thoracic aorta (dissecting), by
fenestration 39.54
anomalous pulmonary venous connection
(total)
one-stage <u>35.82</u>
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total <u>35.82</u>
anus 49.79
laceration (by suture) 49.71
obstetric (current) 75.62
old 49.79
aorta <u>39.31</u>
aorticopulmonary window 39.59
arteriovenous fistula 39.53
by or with
clipping 39.53
coagulation 39.53
coil (endovascular approach) 39.79
head and neck vessels 39.72
division 39.53
excision or resectionsee also
Aneurysmectomy, by site
with
anastomosissee Aneurys-
mectomy, with anastomosis,
by site
graft replacement
see Aneurysmectomy, with
graft replacement, by site
ligation 39.53
coronary artery 36.99
occlusion 39.53
endovascular approach 39.79
head and neck 39.72
suture <u>39.53</u>
34441C <u>33.33</u>

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Repair---Cont.
artery NEC 39.59
by
abdominal aorta 39.71
endovascular approach
head and neck (embolization or
occlusion) 39.72
other repair (of aneurysm) 39.79
percutaneous repair of intracranial
vessel(s) (for stent insertion)
00.62
```

Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

percutaneous repair of precerebral (extracranial) vessel(s) (for stent insertion) 00.61

Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

non-coronary percutaneous transluminal angioplasty or atherectomy

Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

```
basilar 00.61
carotid 00.61
femoropopliteal 39.50
iliac 39.50
lower extremity NOS 39.50
mesenteric 39.50
```

Repair -artery -non coronary PTACont.	
renal <u>39.50</u>	
upper extremity NOS 39.50	
vertebral <u>00.61</u>	
with	
patch graft 39.58	
with excision or resection of vessel	
see Arteriectomy, with graft	
replacement, by site synthetic (Dacron) (Teflon) 39.57	
tissue (vein) (autogenous)	
(homograft) 39.56	
suture 39.31	
coronary NEC <u>36.99</u>	
by angioplasty see Angioplasty,	
coronary	
by atherectomy see Angioplasty,	
coronary	
artificial opening see Repair, stoma	
atrial septal defect 35.71	
with	
prosthesis (open heart technique)	
<u>35.51</u>	
closed heart technique 35.52	
tissue graft <u>35.61</u>	
combined with repair of valvular and	
ventricular septal defects see	
Repair, endocardial cushion defect	
in total repair of total anomalous pulmonary venous connection <u>35.82</u>	
atrioventricular canal defect (any type)	
35.73	
with	
prosthesis 35.54	
tissue graft 35.63	
bifid digit (finger) 82.89	
bile duct NEC <u>51.79</u>	
laceration (by suture) NEC <u>51.79</u>	
common bile duct 51.71	
bladder NEC <u>57.89</u>	
exstrophy <u>57.86</u>	
for stress incontinence see Repair,	
stress incontinence	
laceration (by suture) <u>57.81</u> obstetric (current) <u>75.61</u>	
old 57.89	
neck <u>57.85</u>	
blepharophimosis 08.59	
blepharoptosis 08.36	
by	
frontalis muscle technique (with)	
fascial sling <u>08.32</u>	
suture <u>08.31</u>	
levator muscle technique <u>08.34</u>	
with resection or advancement $08.33$	
orbicularis oculi muscle sling <u>08.36</u>	
tarsal technique <u>08.35</u>	

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Repair --- Cont.
  blood vessel NEC 39.59
    with
       patch graft 39.58
        with excision or resection -- see
         Angiectomy, with graft replacement
        synthetic (Dacron) (Teflon) 39.57
        tissue (vein) (autogenous)
            (homograft) 39.56
       resection -- see Angiectomy
       suture 39.30
     coronary artery NEC 36.99
       by angioplasty -- see Angioplasty.
           coronary
       by atherectomy -- see Angioplasty.
           coronary
     peripheral vessel NEC 39.59
       by angioplasty 39.50
          Note: Also use 00.40, 00.41,
```

Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

by atherectomy 39.50

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Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.
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by endovascular approach 39.79
bone NEC -- see also Osteoplasty -- see
category 78.4
by synostosis technique
-- see Arthrodesis
accessory sinus 22.79
cranium NEC 02.06
with
flap (bone) 02.03
graft (bone) 02.04
for malunion, nonunion, or delayed
union of fracture -- see Repair,
fracture, malunion or nonunion
nasal 21.89

Repair -boneCont.	RepairCont.
skull NEC <u>02.06</u>	coronary artery NEC <u>36.99</u>
with	by angioplasty see Angioplasty,
flap (bone) <u>02.03</u>	coronary
graft (bone) <u>02.04</u>	by atherectomy see Angioplasty,
bottle, hydrocele of tunica vaginalis 61.2	coronary
brain (trauma) NEC <u>02.92</u>	cranium NEC <u>02.06</u>
breast (plastic)see also Mammoplasty	with
<u>85.89</u>	flap (bone) <u>02.03</u>
broad ligament <u>69.29</u>	graft (bone) <u>02.04</u>
bronchus NEC 33.48	cusp, valve see Repair, heart, valve
laceration (by suture) 33.41	cystocele <u>70.51</u>
bunionette (with osteotomy) 77.54	and rectocele <u>70.50</u>
canaliculus, lacrimal <u>09.73</u>	dental arch <u>24.8</u>
canthus (lateral) <u>08.59</u>	diaphragm NEC <u>34.84</u>
cardiac pacemaker NEC <u>37.89</u>	diastasis recti <u>83.65</u>
electrode(s) (lead) NEC <u>37.75</u>	diastematomyelia <u>03.59</u>
cardioverter/defibrillator (automatic)	ear (external) <u>18.79</u>
pocket, (skin) (subcutaneous) <u>37.99</u>	auditory canal or meatus <u>18.6</u>
cerebral meninges <u>02.12</u>	auricle NEC <u>18.79</u>
cervix <u>67.69</u>	cartilage NEC <u>18.79</u>
internal os <u>67.59</u>	laceration (by suture) 18.4
transabdominal <u>67.51</u>	lop ear <u>18.79</u>
transvaginal <u>67.59</u>	middle NEC <u>19.9</u>
aceration (by suture) 67.61	prominent or protruding 18.5
obstetric (current) <u>75.51</u>	ectropion <u>08.49</u>
old <u>67.69</u>	by or with
chest wall (mesh) (silastic) NEC <u>34.79</u>	lid reconstruction <u>08.44</u>
chordae tendineae <u>35.32</u>	suture (technique) <u>08.42</u>
choroid NEC <u>14.9</u>	thermocauterization <u>08.41</u>
with retinal repair see Repair, retina	wedge resection <u>08.43</u>
cisterna chyli <u>40.69</u>	encephalocele (cerebral) 02.12
claw toe <u>77.57</u>	endocardial cushion defect 35.73
cleft	with
hand <u>82.82</u>	prosthesis (grafted to septa) <u>35.54</u>
laryngotracheal <u>31.69</u>	tissue graft 35.63
lip <u>27.54</u>	enterocele (female) 70.92
palate <u>27.62</u>	male <u>53.9</u>
secondary or subsequent 27.63	enterostomy <u>46.40</u>
coarctation of aorta see Excision,	entropion <u>08.49</u>
coarctation of aorta	by or with
cochlear prosthetic device 20.99	lid reconstruction <u>08.44</u>
external components only <u>95.49</u>	suture (technique) 08.42
cockup toe 77.58	thermocauterization <u>08.41</u>
colostomy 46.43	wedge resection <u>08.43</u> epicanthus (fold) <u>08.59</u>
conjunctiva NEC <u>10.49</u>	
with scleral repair <u>12.81</u> laceration 10.6	epididymis (and spermatic cord) NEC <u>63.59</u> with vas deferens 63.89
with repair of sclera 12.81	epiglottis 31.69
late effect of trachoma 10.49	episiotomy
cornea NEC 11.59	routine following delivery
with	see Episiotomy
conjunctival flap 11.53	secondary 75.69
transplant see Keratoplasty	epispadias 58.45
postoperative dehiscence 11.52	esophagus, esophageal NEC 42.89
postoperative definiscence 11.32	fistula NEC 42.84
	stricture 42.85
	exstrophy of bladder 57.86
	exactopity of bladdel 37.00

RepairCont.
eye, eyeball <u>16.89</u>
multiple structures 16.82
rupture <u>16.82</u>
socket <u>16.64</u>
with graft 16.63
eyebrow 08.89
linear 08.81
eyelid 08.89
full-thickness <u>08.85</u>
involving lid margin 08.84
laceration 08.81
full-thickness 08.85
involving lid margin 08.84
partial-thickness 08.83
involving lid margin 08.82
linear 08.81
partial-thickness 08.83
involving lid margin 08.82
retraction 08.38
fallopian tube (with prosthesis) 66.79
by
reanastomosis 66.79
reimplantation into
ovary <u>66.72</u>
uterus <u>66.74</u>
suture <u>66.71</u>
false aneurysm see Repair, aneurysm
fascia <u>83.89</u>
by or with
arthroplasty see Arthroplasty
graft (fascial) (muscle) <u>83.82</u>
hand <u>82.72</u>
tendon <u>83.81</u>
hand <u>82.79</u>
suture (direct) 83.65
hand <u>82.46</u>
hand <u>82.89</u>
by
graft NEC <u>82.79</u>
fascial <u>82.72</u>
muscle <u>82.72</u>
suture (direct) 82.46
joint see Arthroplasty
filtering bleb (corneal) (scleral) (by
excision) <u>12.82</u>
by
corneal graft see also Keratoplasty
<u>11.60</u>
scleroplasty 12.82
suture <u>11.51</u>
with conjunctival flap 11.53
• • •

RepairCont.
fistula see also Closure, fistula
anovaginal <u>70.73</u>
arteriovenous <u>39.53</u>
clipping 39.53
coagulation <u>39.53</u>
endovascular approach 39.79
head and neck 39.72
division 39.53
excision or resection see also
Aneurysmectomy, by site
with
anastomosis
see Aneurysmectomy, with
anastomosis, by site
graft replacement
see Aneurysmectomy, with
graft replacement, by site
ligation 39.53
coronary artery <u>36.99</u>
occlusion 39.53
endovascular approach 39.79
head and neck 39.72
suture <u>39.53</u> cervicovesical 57.84
cervix 67.62
choledochoduodenal <u>51.72</u> colovaginal 70.72
enterovaginal 70.74
enterovasiral 70.74 enterovesical 57.83
esophagocutaneous <u>42.84</u>
ileovesical 57.83
intestinovaginal 70.74
intestinovesical 57.83
oroantral 22.71
perirectal 48.93
pleuropericardial 37.49
rectovaginal 70.73
rectovesical 57.83
rectovesicovaginal <u>57.83</u>
scrotum 61.42
sigmoidovaginal <u>70.74</u>
sinus
nasal <u>22.71</u>
of Valsalva 35.39
splenocolic 41.95
urethroperineovesical <u>57.84</u>
urethrovesical <u>57.84</u>
urethrovesicovaginal <u>57.84</u>
uterovesical 57.84
vagina NEC 70.75
vaginocutaneous 70.75
vaginoenteric NEC <u>70.74</u>
vaginoileal 70.74
vaginoperineal 70.75
vaginovesical <u>57.84</u>
vesicocervicovaginal <u>57.84</u>
vesicocolic <u>57.83</u>

Repair -fistulaCont.	RepairCont.
vesicocutaneous <u>57.84</u>	hallux valgus NEC <u>77.59</u>
vesicoenteric <u>57.83</u>	resection of joint with prosthetic implant
vesicointestinal <u>57.83</u>	<u>77.59</u>
vesicometrorectal <u>57.83</u>	hammer toe <u>77.56</u>
vesicoperineal <u>57.84</u>	hand <u>82.89</u>
vesicorectal <u>57.83</u>	with graft or implant <u>82.79</u>
vesicosigmoidal <u>57.83</u>	fascia <u>82.72</u>
vesicosigmoidovaginal <u>57.83</u>	muscle <u>82.72</u>
vesicourethral <u>57.84</u>	tendon <u>82.79</u>
vesicourethrorectal <u>57.83</u>	heart <u>37.49</u>
vesicouterine <u>57.84</u>	assist system <u>37.63</u>
vesicovaginal <u>57.84</u>	septum <u>35.70</u>
vulva <u>71.72</u>	with
vulvorectal 48.73	prosthesis 35.50
foramen ovale (patent) 35.71	tissue graft <u>35.60</u>
with	atrial <u>35.71</u>
prosthesis (open heart technique) 35.5	
closed heart technique <u>35.52</u>	prosthesis (open heart technique)
tissue graft <u>35.61</u> fracture see also Reduction, fracture	35.51
	closed heart technique <u>35.52</u>
larynx <u>31.64</u> malunion or nonunion (delayed) NEC	tissue graft <u>35.61</u> combined with repair of valvular
see category 78.4	and ventricular septal defects
with	see Repair, endocardial
graft see Graft, bone	cushion defect
insertion (of)	in total repair of
bone growth stimulator (invasive)	tetralogy of Fallot <u>35.81</u>
see category <u>78.9</u>	total anomalous pulmonary
internal fixation device 78.5	venous connection 35.82
manipulation for realignment	truncus arteriosus 35.83
see Reduction, fracture, by	combined with repair of valvular defect
site, closed	see Repair,endocardial cushion
osteotomy	defect
with	ventricular <u>35.72</u>
correction of alignment	with
see category <u>77.3</u>	prosthesis (open heart technique)
with internal fixation device	<u>35.53</u>
see categories <u>77.3</u>	closed heart technique 35.55
[ <u>78.5</u> ]	tissue graft <u>35.62</u>
with intramedullary rod	combined with repair of valvular and
see categories <u>77.3</u>	atrial septal defects see Repair,
[78.5]	endocardial cushion defect
replacement arthroplasty see	in total repair of
Arthroplasty	tetralogy of Fallot <u>35.81</u>
sequestrectomy see category <u>77.0</u>	total anomalous pulmonary
Sofield type procedure	venous connection 35.82
see categories <u>77.3</u> [78.5]	truncus arteriosus 35.83
synostosis technique see Arthrodesis	total replacement system 37.52 implantable battery 37.54
vertebra 03.53	implantable battery 37.34
funnel chest (with implant) 34.74	thoracic unit 37.53
gallbladder 51.91	transcutaneous energy transfer [TET]
gastroschisis <u>54.71</u>	device 37.54
great vessels NEC 39.59	ucvice <u>57.57</u>
laceration (by suture) 39.30	
artery 39.31	
vein 39.32	

Repair -heartCont.
valve (cusps) (open heart technique)
<u>35.10</u>
with prosthesis or tissue graft 35.20
aortic (without replacement) 35.11 with
prosthesis 35.22
tissue graft 35.21
combined with repair of atrial and
ventricular septal defects
see Repair, endocardial
cushion defect
mitral (without replacement) 35.12
with
prosthesis 35.24
tissue graft 35.23
pulmonary (without replacement) 35.13
with
prosthesis <u>35.26</u>
in total repair of tetralogy of
Fallot <u>35.81</u>
tissue graft <u>35.25</u>
tricuspid (without replacement) 35.14
with
prosthesis <u>35.28</u>
tissue graft <u>35.27</u>
hepatic duct <u>51.79</u>
hernia NEC 53.9
anterior abdominal wall NEC 53.59
with prosthesis or graft 53.69
colostomy 46.42
crural 53.29
cul-de-sac (Douglas') 70.92
diaphragmatic
abdominal approach 53.7
thoracic, thoracoabdominal approach
53.80
epigastric <u>53.59</u>
with prosthesis or graft 53.69
esophageal hiatus
abdominal approach <u>53.7</u>
thoracic, thoracoabdominal approach
53.80 fascia <u>83.89</u>
hand <u>82.89</u>
femoral (unilateral) 53.29
with prosthesis or graft <u>53.21</u>
bilateral <u>53.39</u>
with prosthesis or graft <u>53.31</u>
Ferguson 53.00
Halsted <u>53.00</u>
Hill-Allison (hiatal hernia repair,
transpleural approach) <u>53.80</u>
hypogastric <u>53.59</u>
with prosthesis or graft <u>53.69</u>
incisional <u>53.51</u>
with prosthesis or graft <u>53.61</u>

<b>epair</b> -hernia <i>Cont.</i>
inguinal (unilateral) <u>53.00</u>
with prosthesis or graft <u>53.05</u>
bilateral <u>53.10</u>
with prosthesis or graft 53.17
direct <u>53.11</u>
with prosthesis or graft <u>53.14</u>
direct and indirect 53.13
with prosthesis or graft <u>53.16</u>
indirect <u>53.12</u>
with prosthesis or graft <u>53.15</u>
direct (unilateral) <u>53.01</u>
with prosthesis or graft <u>53.03</u>
and indirect (unilateral) <u>53.01</u>
with prosthesis or graft <u>53.03</u>
bilateral <u>53.13</u>
with prosthesis or graft <u>53.16</u>
bilateral <u>53.11</u>
with prosthesis or graft <u>53.14</u>
indirect (unilateral) <u>53.02</u>
with prosthesis or graft <u>53.04</u>
and direct (unilateral) <u>53.01</u>
with prosthesis or graft <u>53.03</u>
bilateral <u>53.13</u>
with prosthesis or graft <u>53.16</u>
bilateral <u>53.12</u>
with prosthesis or graft <u>53.15</u>
internal <u>53.9</u>
ischiatic <u>53.9</u>
ischiorectal <u>53.9</u>
lumbar <u>53.9</u>
manual <u>96.27</u>
obturator <u>53.9</u>
omental <u>53.9</u>
paraesophageal <u>53.7</u>
parahiatal <u>53.7</u>
paraileostomy <u>46.41</u>
parasternal 53.82
paraumbilical <u>53.49</u>
with prosthesis <u>53.41</u>
pericolostomy <u>46.42</u>
perineal (enterocele) <u>53.9</u>
preperitoneal <u>53.29</u>
pudendal <u>53.9</u>
retroperitoneal <u>53.9</u>
sciatic <u>53.9</u>
scrotal see Repair, hernia, inguinal
spigelian <u>53.59</u>
with prosthesis or graft <u>53.69</u>
umbilical <u>53.49</u>
with prosthesis <u>53.41</u>
uveal <u>12.39</u>
ventral <u>53.59</u>
incisional <u>53.51</u>
with prosthesis or graft <u>53.61</u>

RepairCont.	RepairCont.
hydrocele	lymphatic (channel) (peripheral) NEC 40.9
round ligament <u>69.19</u>	duct, left (thoracic) NEC 40.69
	macrodactyly 82.83
spermatic cord <u>63.1</u> tunica vaginalis <u>61.2</u>	mallet finger 82.84
hymen <u>70.76</u>	mandibular ridge 76.64
hypospadias <u>58.45</u>	mastoid (antrum) (cavity) 19.9
ileostomy 46.41	meninges (cerebral) NEC <u>02.12</u>
ingrown toenail <u>86.23</u> intestine, intestinal NEC 46.79	spinal NEC <u>03.59</u> meningocele 03.51
fistula see Closure, fistula, intestine laceration	myelomeningocele <u>03.52</u> meningocele (spinal) <u>03.51</u>
large intestine <u>46.75</u> small intestine NEC 46.73	cranial <u>02.12</u>
	mesentery <u>54.75</u>
stoma see Repair, stoma	mouth NEC 27.59
inverted uterus NEC <u>69.29</u> manual	laceration NEC 27.52
	muscle NEC <u>83.87</u>
nonobstetric 69.94	by
obstetric <u>75.94</u>	graft or implant(fascia)(muscle) <u>83.82</u>
obstetrical	hand <u>82.72</u>
manual <u>75.94</u>	tendon <u>83.81</u>
surgical 75.93	hand <u>82.79</u>
vaginal approach 69.23	suture (direct) <u>83.65</u>
iris (rupture) NEC <u>12.39</u>	hand 82.46
jejunostomy <u>46.41</u>	transfer or transplantation (muscle)
joint (capsule) (cartilage) NEC see also	83.77
Arthroplasty 81.96	hand 82.58
kidney NEC 55.89	hand <u>82.89</u>
knee (joint) NEC 81.47	by
collateral ligaments 81.46	graft or implant NEC <u>82.79</u>
cruciate ligaments 81.45	fascia <u>82.72</u>
five-in-one 81.42	suture (direct) 82.46
triad 81.43	transfer or transplantation (muscle)
labia see Repair, vulva	82.58
laceration see Suture, by site	musculotendinous cuff, shoulder <u>83.63</u>
lacrimal system NEC <u>09.99</u>	myelomeningocele <u>03.52</u>
canaliculus <u>09.73</u>	nasal
punctum <u>09.72</u>	septum (perforation) NEC 21.88
for eversion <u>09.71</u>	sinus NEC <u>22.79</u> fistula 22.71
laryngostomy 31.62	nasolabial flaps (plastic) 21.86
laryngotracheal cleft 31.69	
larynx <u>31.69</u> fracture 31.64	nasopharyngeal atresia <u>29.4</u> nerve (cranial) (peripheral) NEC 04.79
laceration 31.61	
	old injury <u>04.76</u>
leads (cardiac) NEC <u>37.75</u> ligament see also Arthroplasty 81.96	revision <u>04.75</u> sympathetic <u>05.81</u>
broad 69.29	nipple NEC 85.87
collateral, knee NEC 81.46	nose (external) (internal) (plastic) NEC
cruciate, knee NEC 81.45	see also Rhinoplasty 21.89
round 69.29	laceration (by suture) 21.81
uterine 69.29	notched lip <u>27.59</u>
lip NEC 27.59	omentum 54.74
cleft 27.54	omphalocele 53.49
laceration (by suture) 27.51	with prosthesis 53.41
liver NEC 50.69	orbit 16.89
laceration 50.61	wound <u>16.81</u>
lop ear 18.79	woulld <u>10.01</u>
lung NEC 33.49	

RepairCont.
ostium
primum defect 35.73
with
prosthesis 35.54
tissue graft 35.63
secundum defect 35.71
with
prosthesis(open heart technique)
35.51
closed heart technique 35.52
tissue graft <u>35.61</u>
ovary <u>65.79</u>
with tube <u>65.73</u>
laparoscopic 65.76
overlapping toe <u>77.58</u>
pacemaker
cardiac
device (permanent) 37.89
electrodes (leads) NEC 37.75
pocket (skin) (subcutaneous) <u>37.79</u>
palate NEC <u>27.69</u>
cleft <u>27.62</u>
secondary or subsequent <u>27.63</u>
laceration (by suture) 27.61
pancreas NEC <u>52.95</u>
Wirsung's duct <u>52.99</u>
papillary muscle (heart) 35.31
patent ductus arteriosus 38.85
pectus deformity (chest) (carinatum) (excavatum) 34.74
(excavatum) <u>34./4</u>
pelvic floor NEC <u>70.79</u>
obstetric laceration (current) <u>75.69</u>
old <u>70.79</u>
penis NEC <u>64.49</u>
for epispadias or hypospadias <u>58.45</u>
inflatable prosthesis <u>64.99</u>
laceration 64.41
pericardium <u>37.49</u>
perineum (female) <u>71.79</u> laceration (by suture) <u>71.71</u>
obstetric (current) 75.69
old <u>71.79</u>
male NEC <u>86.89</u>
laceration (by suture) 86.59
peritoneum NEC <u>54.73</u>
by suture <u>54.64</u>
pharynx NEC 29.59
laceration (by suture) 29.51
plastic <u>29.4</u>
pleura NEC <u>34.93</u>
postcataract wound dehiscence 11.52
with conjunctival flap 11.53
pouch of Douglas 70.52
primum ostium defect 35.73
with
prosthesis 35.54
tissue graft <u>35.63</u>

RepairCont.
prostate 60.93
ptosis, eyelid see Repair, blepharoptosis
punctum, lacrimal NEC 09.72
for correction of eversion 09.71
quadriceps (mechanism) 83.86
rectocele (posterior colporrhaphy) 70.52
and cystocele 70.50
rectum NEC 48.79
laceration (by suture) 48.71
prolapse NEC 48.76
abdominal approach 48.75
retina, retinal
detachment 14.59
by
cryotherapy 14.52
diathermy 14.51
photocoagulation 14.55
laser 14.54
xenon arc <u>14.53</u>
scleral buckling see also Buckling,
scleral 14.49
tear or defect 14.39
by
cryotherapy <u>14.32</u>
diathermy 14.31
photocoagulation 14.35
laser <u>14.34</u>
xenon arc <u>14.33</u>
retroperitoneal tissue 54.73
rotator cuff (graft) (suture) 83.63
round ligament 69.29
ruptured tendon NEC 83.88
hand 82.86
salivary gland or duct NEC <u>26.49</u> sclera, scleral <u>12.89</u>
fistula 12.82
staphyloma NEC 12.86
with graft <u>12.85</u>
scrotum 61.49
sinus
nasal NEC <u>22.79</u>
of Valsalva (aneurysm) 35.39
skin (plastic) (without graft) 86.89
laceration (by suture) <u>86.59</u>
skull NEC <u>02.06</u>
with
flap (bone) <u>02.03</u>
graft (bone) <u>02.04</u>
spermatic cord NEC 63.59
laceration (by suture) <u>63.51</u>
sphincter ani 49.79
laceration (by suture) 49.71
obstetric (current) 75.62
old <u>49.79</u>
spina bifida NEC <u>03.59</u>
meningocele <u>03.51</u>
myelomeningocele 03.52

RepairCont.	RepairCont.
spinal (cord) (meninges) (structures) NEC	supracristal defect (heart) 35.72
03.59	with
meningocele <u>03.51</u>	prosthesis (open heart technique)
myelomeningocele <u>03.52</u>	<u>35.53</u>
spleen <u>41.95</u>	closed heart technique <u>35.55</u>
sternal defect <u>78.41</u>	tissue graft <u>35.62</u>
stoma	symblepharon NEC <u>10.49</u>
bile duct <u>51.79</u>	by division (with insertion of conformer)
bladder <u>57.22</u>	10.5
bronchus <u>33.42</u>	with free graft <u>10.41</u>
common duct 51.72	syndactyly <u>86.85</u>
esophagus <u>42.89</u>	synovial membrane, joint2
gallbladder <u>51.99</u>	see Arthroplasty
hepatic duct 51.79	telecanthus <u>08.59</u>
intestine 46.40	tendon <u>83.88</u>
large <u>46.43</u>	by or with
small <u>46.41</u>	arthroplasty see Arthroplasty
kidney <u>55.89</u>	graft or implant (tendon) <u>83.81</u>
larynx 31.63	fascia <u>83.82</u> hand 82.72
rectum <u>48.79</u> stomach <u>44.69</u>	hand 82.72
laparoscopic 44.68	muscle 83.82
thorax 34.79	hand 82.72
trachea 31.74	suture (direct) (immediate) (primary)
ureter 56.62	see also Suture, tendon 83.64
urethra 58.49	hand 82.45
stomach NEC 44.69	transfer for transplantation (tendon)
laceration (by suture) 44.61	83.75
laparoscopic 44.68	hand 82.56
stress incontinence (urinary) NEC 59.79	hand 82.86
by	by
anterior urethropexy 59.79	graft or implant (tendon) <u>82.79</u>
Burch <u>59.5</u>	suture (direct) (immediate) (primary)
cystourethropexy (with levator	see also Suture, tendon, hand)
muscle sling) 59.71	<u>82.45</u>
injection of implant (fat) (collagen)	transfer or transplantation (tendon)
(polytef) <u>59.72</u>	<u>82.56</u>
paraurethral suspension (Pereyra)	rotator cuff (direct suture) <u>83.63</u>
<u>59.6</u>	ruptured NEC <u>83.88</u>
periurethral suspension <u>59.6</u>	hand <u>82.86</u>
plication of urethrovesical junction	sheath (direct suture) <u>83.61</u>
<u>59.3</u>	hand <u>82.41</u>
pubococcygeal sling <u>59.71</u>	testis NEC <u>62.69</u>
retropubic urethral suspension <u>59.5</u>	tetralogy of Fallot
suprapubic sling 59.4	partial see specific procedure
tension free vaginal tape 59.79	total (one-stage) 35.81
urethrovesical suspension 59.4	thoracic duct NEC 40.69
gracilis muscle transplant 59.71	thoracostomy 34.72
levator muscle sling 59.71	thymus (gland) <u>07.93</u>
subcutaneous tissue (plastic) (without	tongue NEC 25.59
skin graft) <u>86.89</u>	tooth NEC 23.2
laceration (by suture) <u>86.59</u>	by crown (artificial) 23, 41
	crown (artificial) <u>23.41</u> filling (amalgam) (plastic) (silicate) 23.2
	inlay 23.3
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RepairCont.	RepairCont.	· ·
total anomalous pulmonary venous	vas deferens <u>63.89</u>	
connection	by	
partial see specific procedure	anastomosis <u>63.82</u>	
total (one-stage) <u>35.82</u>	to epididymis <u>63.83</u>	
trachea NEC <u>31.79</u>	reconstruction 63.82	
laceration (by suture) 31.71	laceration (by suture) <u>63.81</u>	
tricuspid atresia <u>35.94</u>	vein NEC <u>39.59</u>	
truncus arteriosus	by	
partial see specific procedure	endovascular approach	
total (one-stage) <u>35.83</u>	head and neck(embolization	n or
tunica vaginalis <u>61.49</u>	occlusion) <u>39.72</u>	
laceration (by suture) <u>61.41</u>	with	
tympanum see Tympanoplasty	patch graft <u>39.58</u>	
ureter NEC <u>56.89</u>	with excision or resection	
laceration (by suture) <u>56.82</u>	see Phlebectomy, wi	th graft
ureterocele <u>56.89</u>	replacement, by site	
urethra NEC <u>58.49</u>	synthetic (Dacron) (Tefl	
laceration (by suture) 58.41	tissue (vein) (autogenoi	ıs)
obstetric (current) <u>75.61</u>	(homograft) <u>39.56</u>	
old <u>58.49</u>	suture <u>39.32</u>	
meatus <u>58.47</u>	ventricular septal defect <u>35.72</u>	
urethrocele (anterior colporrhaphy)	with	
(female) <u>70.51</u>	prosthesis (open heart tech	
and rectocele <u>70.50</u>	closed heart technique 3	
urinary sphincter, artificial (component)	in total repair of tetralogy	of Fallot
<u>58.99</u>	<u>35.81</u>	
urinary stress incontinence see Repair,	tissue graft <u>35.62</u>	
stress incontinence	combined with repair of valvu	lar and
uterus, uterine <u>69.49</u>	atrial septal defects see	
inversion see Repair, inverted uterus	endocardial cushion defec	t
laceration (by suture) <u>69.41</u>	in total repair of	
obstetric (current) <u>75.50</u>	tetralogy of Fallot <u>35.81</u>	
old <u>69.49</u>	truncus arteriosus <u>35.83</u>	
ligaments <u>69.29</u>	vertebral arch defect (spina bifid	a) <u>03.59</u>
by	vulva NEC <u>71.79</u>	
interposition <u>69.21</u>	laceration (by suture) 71.71	
plication <u>69.22</u>	obstetric (current) <u>75.69</u>	
uvula <u>27.73</u>	old <u>71.79</u>	
with synchronous cleft palate repair	Wirsung's duct 52.99	
27.62	wound (skin) (without graft) <u>86.5</u>	<u> 9</u>
vagina, vaginal (cuff) (wall) NEC 70.79	abdominal wall 54.63	
anterior 70.51	dehiscence 54.61	1) 11 52
with posterior repair 70.50	postcataract dehiscence (corn	eai) <u>11.52</u>
cystocele 70.51	Replacement	F2
and rectocele <u>70.50</u>	acetabulum (with prosthesis) <u>81</u>	.52
enterocele 70.92	ankle, total <u>81.56</u>	
laceration (by suture) 70.71	revision 81.59	22
obstetric (current) <u>75.69</u>	aortic valve (with prosthesis) <u>35.</u> with tissue graft <u>35.21</u>	<u> </u>
old <u>70.79</u> posterior <u>70.52</u>	artery see Graft, artery	
with anterior repair 70.50	bag see Glait, aftery	hag
rectocele 70.52	Barton's tongs (skull) 02.94	Day
and cystocele 70.50	bladder	
urethrocele 70.51	with	
and rectocele 70.50	ileal loop <u>57.87</u> [ <u>45.51]</u>	
varicocele 63.1	sigmoid <u>57.87</u> [45.51]	
varieuceie <u>uu.i</u>	sphincter, artificial 58.93	
	spinneter, artificial 30.33	

ReplacementCont.	ReplacementCont. device
bronchial device NOS <u>33.79</u> bronchial substance NOS <u>33.79</u>	subcutaneous for intracardiac
bronchial valve 33.71	hemodynamic monitoring 00.57
caliper tongs (skull) <u>02.94</u>	diaphragm, vagina 97.24
cannula	disc - see Replacement, intervertebral disc
arteriovenous shunt 39.94	drain see also Replacement, tube
pancreatic duct 97.05	vagina <u>97.26</u>
vessel-to-vessel (arteriovenous) 39.94	vulva 97.26
cardiac resynchronization device	wound, musculoskeletal or skin <u>97.16</u>
defibrillator (biventricular defibrillator)	ear (prosthetic) 18.71
(BiV ICD) (BiV pacemaker with	elbow (joint), total 81.84
defibrillator) (BiV pacing with defibrillator) (CRT-D) (device and	electrode(s) see Implant, electrode or lead by site or name of device
one or more leads) (total system)	brain
00.51	depth <u>02.93</u>
left ventricular coronary venous	foramen ovale 02.93
lead only 00.52	sphenoidal 02.96
pulse generator only 00.54	depth 02.93
pacemaker (biventricular pacemaker)	foramen ovale 02.93
(BiV pacemaker) (CRT-P) (device	gastric 04.92
and one or more leads) (total	intracranial 02.93
system) 00.50	pacemaker - <i>see</i> Replacement, pacemaker
left ventricular coronary venous	electrode(s)
lead only <u>00.52</u>	peripheral nerve 04.92
pulse generator only <u>00.53</u>	sacral nerve <u>04.92</u>
cardioverter/defibrillator(total system)	sphenoidal <u>02.96</u>
<u>37.94</u>	spine <u>03.93</u>
leads only (electrodes) (sensing)	electroencephalographic receiver (brain)
(pacing) <u>37.97</u>	(intracranial) <u>02.93</u>
pulse generator only <u>37.98</u>	electronic
cast NEC <u>97.13</u>	cardioverter/defibrillator
lower limb <u>97.12</u>	see Replacement, cardioverter/
upper limb <u>97.11</u>	defibrillator
catheter	leads (electrode)(s) see Replacement, electrode(s)
bladder (indwelling) <u>57.95</u> cystostomy <u>59.94</u>	stimulator see also Implant, electronic
ventricular shunt (cerebral) 02.42	stimulator, by site
wound 97.15	bladder 57.97
CRT-D (biventricular defibrillator) (BiV ICD)	muscle (skeletal) 83.92
(BiV pacemaker with defibrillator) (BiV	ureter 56.93
pacing with defibrillator) (cardiac	electrostimulator see Implant, electronic
resynchronization defibrillator)(device	stimulator, by site
and one or more leads) 00.51	enterostomy device (tube)
left ventricular coronary venous lead	large intestine 97.04
only 00.52	small intestine $\overline{97.03}$
pulse generator only <u>00.54</u>	epidural pegs <u>02.93</u>
CRT-P (biventricular pacemaker) (BiV	femoral head, by prosthesis <u>81.52</u>
pacemaker) (cardiac resynchronization	revision <u>81.53</u>
pacemaker) (device and one or more	Gardner Wells tongs (skull) <u>02.94</u>
leads) <u>00.50</u>	gastric band, laparoscopic 44.96
left ventricular coronary venous lead	gastric port device (subcutaneous) 44.96
only <u>00.52</u>	graft see Graft
pulse generator only <u>00.53</u>	halo traction device (skull) 02.94
Crutchfield tongs (skull) <u>02.94</u>	Harrington rod (with refusion of spine)
cystostomy tube (catheter) <u>59.94</u>	- see Refusion, spinal



ReplacementCont.
heart
artificial
total replacement system <u>37.52</u>
implantable battery 37.54
implantable controller 37.54
thoracic unit 37.53
transcutaneous energy transfer
[TET] device <u>37.54</u>
total replacement system 37.52
implantable battery 37.54
implantable controller 37.54
thoracic unit 37.53
transcutaneous energy transfer
[TET] device 37.54
valve (with prosthesis) (with tissue
graft) <u>35.20</u> aortic (with prosthesis) 35.22
with tissue graft 35.21
mitral (with prosthesis) 35.24
with tissue graft 35.23
poppet (prosthetic) 35.95
pulmonary (with prosthesis) 35.26
with tissue graft 35.25
in total repair of tetralogy of Fallot
35.81
tricuspid (with prosthesis) 35.28
with tissue graft 35.27
hip (partial) (with fixation device) (with
prosthesis) (with traction) 81.52
acetabulum <u>81.52</u>
revision 81.53
femoral head 81.52
revision 81.53
total <u>81.51</u>
revision <u>81.53</u>
intervertebral disc
artificial, NOS <u>84.60</u>
cervical <u>84.62</u>
nucleus <u>84.61</u>
partial <u>84.61</u>
total <u>84.62</u>
lumbar, lumbosacral <u>84.65</u>
nucleus <u>84.64</u>
partial <u>84.64</u>
total <u>84.65</u>
thoracic (partial) (total) <u>84.63</u>
inverted uterus see Repair, inverted
uterus
iris NEC <u>12.39</u> kidney, mechanical <u>55.97</u>
knee (bicompartmental) (hemijoint)
(partial) (total) (tricompartmental)
(unicompartmental) 81.54
revision 81.55
laryngeal stent 31.93
leads (electrode)(s) see Replacement,
electrode(s)

ReplacementCont.
mechanical kidney <u>55.97</u>
mitral valve (with prosthesis) 35.24
with tissue graft 35.23
Mulligan hood, fallopian tube 66.93
muscle stimulator (skeletal) 83.92
nephrostomy tube <u>55.93</u>
neuropacemaker see Implant,
neurostimulator, by site
neurostimulator see also Implant,
neurostimulator, by site
skeletal muscle 83.92
pacemaker
brain - see Implant, neurostimulator,
brain
cardiac device (initial) (permanent)
dual-chamber device 37.87
resynchronization
- see Replacement, CRT-P
single-chamber device 37.85
rate responsive 37.86
electrode(s), cardiac (atrial)
(transvenous) (ventricular) 37.76
epicardium (myocardium) 37.74
left ventricular coronary venous
system 00.52
gastric - see Implant, neurostimulator,
gastric
intracranial - see Implant,
neurostimulator, intracranial
neural - see Implant, neurostimulator,
by site
peripheral nerve - see Implant,
neurostimulator, peripheral nerve
sacral nerve - see Implant,
neurostimulator, sacral nerve
spine-see Implant, neurostimulator, spine
temporary transvenous pacemaker
system 37.78
pack or bag
nose 97.21
teeth, tooth <u>97.22</u>
vagina <u>97.26</u>
vulva 97.26
wound 97.16
pessary, vagina NEC <u>97.25</u>
prosthesis
acetabulum <u>81.53</u>
arm (bioelectric) (cineplastic) (kineplastic)
84.44
biliary tract 51.99
cochlear 20.96
channel (single) 20.97
multiple 20.98
elhow 81 97

Paulacement prosthesis Cont	Danlacement tube. Court
Replacement -prosthesisCont.	Replacement -tube Cont.
extremity (bioelectric) (cineplastic)	tracheostomy 97.23
(kineplastic) <u>84.40</u>	ureterostomy <u>59.93</u>
lower <u>84.48</u>	ventricular (cerebral) 02.42
upper <u>84.44</u>	umbilical cord, prolapsed <u>73.92</u>
fallopian tube (Mulligan hood) (stent)	ureter (with)
66.93	bladder flap <u>56.74</u>
femur <u>81.53</u>	ileal segment implanted into bladder
knee <u>81.55</u>	<u>56.89</u> [45.51]
leg (bioelectric) (cineplastic)	ureterostomy tube 59.93
(kineplastic) 84.48	urethral sphincter, artificial <u>58.93</u>
penis (internal) (non-inflatable) <u>64.95</u>	urinary sphincter, artificial <u>58.93</u>
inflatable (internal) <u>64.97</u>	valve
pulmonary valve (with prosthesis) 35.26	heart see also Replacement, heart
with tissue graft 35.25	valve poppet (prosthetic) <u>35.95</u>
in total repair of tetralogy of Fallot	ventricular (cerebral) <u>02.42</u>
<u>35.81</u>	ventricular shunt (catheter) (valve) 02.42
pyelostomy tube <u>55.94</u>	Vinke tongs (skull) <u>02.94</u>
rectal tube <u>96.09</u>	vitreous (silicone) 14.75
sensor (lead)	for retinal reattachment 14.59
intracardiac hemodynamic monitoring	Replant, replantation see also Reattachment
00.56	extremity see Reattachment, extremity
shoulder NEC <u>81.83</u>	penis <u>64.45</u>
partial <u>81.81</u>	scalp <u>86.51</u>
total <u>81.80</u>	tooth <u>23.5</u>
skull	Reposition
plate <u>02.05</u>	cardiac pacemaker
tongs <u>02.94</u>	electrode(s) (atrial) (transvenous)
specified appliance or device NEC <u>97.29</u>	(ventricular) 37.75
stent	pocket <u>37.79</u>
bile duct <u>97.05</u>	cardiac resynchronization defibrillator
fallopian tube <u>66.93</u>	(CRT-D) - see Revision, cardiac
larynx <u>31.93</u>	resynchronization defibrillator
pancreatic duct <u>97.05</u>	cardiac resynchronization pacemaker
trachea <u>31.93</u>	(CRT-P) - see Revision, cardiac
stimoceiversee Implant, stimoceiver,	resynchronization pacemaker
by site	cardioverter/defibrillator (automatic)
subdural	lead(s) (sensing) (pacing) (epicardial
grids <u>02.93</u>	patch) <u>37.75</u>
strips <u>02.93</u>	pocket <u>37.79</u>
testis in scrotum <u>62.5</u>	pulse generator <u>37.79</u>
tongs, skull <u>02.94</u>	cilia base <u>08.71</u>
tracheal stent <u>31.93</u>	implantable hemodynamic sensor (lead)
tricuspid valve (with prosthesis) 35.28	and monitor device 37.79
with tissue graft <u>35.27</u>	iris <u>12.39</u>
tube	neurostimulator
bile duct <u>97.05</u>	leads
bladder <u>57.95</u>	subcutaneous, without device
cystostomy <u>59.94</u>	replacement 86.09
esophagostomy <u>97.01</u>	within brain <u>02.93</u>
gastrostomy <u>97.02</u>	within or over gastric nerve <u>04.92</u>
large intestine <u>97.04</u>	within or over peripheral nerve 04.92
nasogastric <u>97.01</u>	within or over sacral nerve 04.92
nephrostomy <u>55.93</u>	within spine 03.93
pancreatic duct <u>97.05</u>	pulse generator
pyelostomy <u>55.94</u>	subcutaneous, without device
rectal <u>96.09</u>	replacement <u>86.09</u>
small intestine 97.03	renal vessel, aberrant 39,55

RepositionCont.
subcutaneous device pocket NEC 86.09
thyroid tissue <u>06.94</u>
tricuspid valve (with plication) 35.14
Resection see also Excision, by site
abdominoendorectal (combined) 48.5
abdominoperineal (rectum) 48.5
pull-through(Altemeier)(Swenson) NEC
<u>48.49</u>
Duhamel type <u>48.65</u>
alveolar process and palate (en bloc)
27.32
aneurysm see Aneurysmectomy
aortic valve (for subvalvular stenosis)
35.11
artery see Arteriectomy
bile duct NEC 51.69
common duct NEC 51.63
bladder (partial) (segmental) (transvesical)
(wedge) <u>57.6</u>
(wedge) 37.0
complete or total <u>57.79</u> lesion NEC <u>57.59</u>
transurethral approach <u>57.49</u>
neck <u>57.59</u>
transurethral approach <u>57.49</u>
blood vessel see Angiectomy
brain <u>01.59</u>
by
stereotactic radiosurgery <u>92.30</u>
cobalt 60 <u>92.32</u>
linear accelerator (LINAC) 92.31
multi-source 92.32
particle beam <u>92.33</u>
particulate 92.33
radiosurgery NEC 92.39
single source photon 92.31
hemisphere 01.52
lobe 01.53
breast see also Mastectomy
quadrant 85.22
segmental 85.23
broad ligament 69.19
bronchus (sleeve) (wide sleeve) 32.1
block (en bloc) (with radical dissection
of brachial plexus, bronchus, lobe
of lung ribs and sympathetic
of lung, ribs, and sympathetic
nerves) <u>32.6</u>
bursa <u>83.5</u>
hand <u>82.31</u>
cecum (and terminal ileum) 45.72
cerebral meninges <u>01.51</u>
chest wall 34.4
clavicle <u>77.81</u>
clitoris 71.4
colon (partial) (segmental) <u>45.79</u>
ascending (cecum and terminal ileum)
<u>45.72</u>
cecum (and terminal ileum) 45-72

Resection -colonCont.
complete <u>45.8</u>
descending (sigmoid) 45.76
for interposition 45.52
Hartmann <u>45.75</u>
hepatic flexure 45.73
left radical (hemicolon) 45.75
multiple segmental 45.71
right radical (hemicolon) (ileocolectomy
45.73
segmental NEC <u>45.79</u>
multiple <u>45.71</u>
sigmoid <u>45.76</u>
splenic flexure <u>45.75</u>
total <u>45.8</u>
transverse 45.74
conjunctiva, for pterygium 11.39
corneal graft <u>11.32</u>
cornual (fallopian tube) (unilateral) 66.69
bilateral <u>66.63</u>
diaphragm <u>34.81</u>
endaural <u>20.79</u>
endorectal (pull-through) (Soave) 48.41
combined abdominal 48.5
esophagus (partial) (subtotal) see also
Esophagectomy <u>42.41</u>
total <u>42.42</u>
exteriorized intestine see Resection,
intestine, exteriorized
fascia <u>83.44</u>
for graft <u>83.43</u>
hand <u>82.34</u>
hand <u>82.35</u>
for graft <u>82.34</u>
gallbladder (total) 51.22
gastric (partial) (sleeve) (subtotal) NEC
see also Gastrectomy <u>43.89</u>
with anastomosis NEC 43.89
esophagogastric <u>43.5</u>
gastroduodenal <u>43.6</u>
gastrogastric <u>43.89</u>
gastrojejunal 43.7
complete or total NEC <u>43.99</u>
with intestinal interposition 43.91
radical NEC <u>43.99</u>
with intestinal interposition 43.91
wedge <u>43.42</u>
endoscopic <u>43.41</u>
hallux valgus (joint) see also
Bunionectomy with prosthetic
implant 77.59
hepatic duct 51.69
flexure (colon) 45.73
infundibula, heart (right) 35.34 intestine (partial) NEC 45.79
cecum (with terminal ileum) 45.72
cecum (with terminal neum) 43.72

Resection -intestineCont.	ResectionCont.
exteriorized (large intestine) 46.04	muscle <u>83.45</u>
small intestine <u>46.02</u>	extraocular <u>15.13</u>
for interposition <u>45.50</u>	with
large intestine <u>45.52</u>	advancement or recession of other
small intestine <u>45.51</u>	eye muscle <u>15.3</u>
hepatic flexure 45.73	suture of original insertion <u>15.13</u>
ileum <u>45.62</u>	levator palpebrae <u>08.33</u>
with cecum 45.72	Muller's, for blepharoptosis <u>08.35</u>
large (partial) (segmental) NEC <u>45.79</u>	orbicularis oculi <u>08.20</u>
for interposition 45.52	tarsal, for blepharoptosis <u>08.35</u>
multiple segmental <u>45.71</u>	for graft <u>83.43</u>
total 45.8	hand <u>82.34</u>
left hemicolon 45.75	hand <u>82.36</u>
multiple segmental (large intestine) 45.71	for graft <u>82.34</u> ocular see Resection, muscle,
small intestine 45.61	extraocular
right hemicolon 45.73	myocardium 37.33
segmental (large intestine) 45.79	nasal septum (submucous) 21.5
multiple 45.71	nerve (cranial) (peripheral) NEC <u>04.07</u>
small intestine 45.62	phrenic 04.03
multiple 45.61	for collapse of lung 33.31
sigmoid 45.76	sympathetic 05.29
small (partial) (segmental) NEC 45.62	vagus see Vagotomy
for interposition 45.51	nose (complete) (extended) (partial)
multiple segmental 45.61	(radical) <u>21.4</u>
total <u>45.63</u>	omentum <u>54.4</u>
total	orbitomaxillary, radical <u>16.51</u>
large intestine <u>45.8</u>	ovary see also Oophorectomy
small intestine <u>45.63</u>	wedge <u>65.22</u>
joint structure NEC see also Arthrectomy	laparoscopic <u>65.24</u>
80.90	palate (bony) (local) <u>27.31</u>
kidney (segmental) (wedge) <u>55.4</u>	by wide excision 27.32
larynx see also Laryngectomy	soft <u>27.49</u>
submucous 30.29	pancreas (total) (with synchronous
lesion see Excision, lesion, by site	duodenectomy) <u>52.6</u> partial NEC 52.59
levator palpebrae muscle <u>08.33</u> ligament see also Arthrectomy <u>80.90</u>	distal (tail) (with part of body) <u>52.52</u>
broad 69.19	proximal (head) (with part of body)
round 69.19	(with synchronous
uterine 69.19	duodenectomy) <u>52.51</u>
lip (wedge) 27.43	radical subtotal 52.53
liver (partial) (wedge) 50.22	radical (one-stage) (two-stage) 52.7
lobe (total) 50.3	subtotal 52.53
total 50.4	pancreaticoduodenal see also
lung (wedge) NEC 32.29	Pancreatectomy <u>52.6</u>
endoscopic <u>32.28</u>	pelvic viscera (en masse) (female) <u>68.8</u>
segmental (any part) 32.3	male <u>57.71</u>
volume reduction <u>32.22</u>	penis <u>64.3</u>
biologic lung volume reduction	pericardium (partial) (for)
(BLVR) - see category 33.7	chronic constrictive pericarditis <u>37.31</u>
meninges (cerebral) <u>01.51</u>	drainage 37.12
spinal <u>03.4</u>	removal of adhesions 37.31
mesentery <u>54.4</u>	peritoneum <u>54.4</u>
	pharynx (partial) 29.33
	phrenic nerve <u>04.03</u> for collapse of lung <u>33.31</u>
	ioi collapse of fully <u>33.31</u>

ResectionCont.
prostate see also Prostatectomy
transurethral (punch) 60.29
pterygium <u>11.39</u>
radial head 77.83
rectosigmoid see also Resection, rectum
48.69
rectum (partial) NEC 48.69
with
*****
pelvic exenteration 68.8
transsacral sigmoidectomy 48.61
abdominoendorectal (combined) 48.5
abdominoperineal 48.5
pull-through NEC <u>48.49</u>
Duhamel type 48.65
anterior <u>48.63</u>
with colostomy (synchronous) 48.62
Duhamel <u>48.65</u>
endorectal 48.41
combined abdominal 48.5
posterior 48.64
pull-through NEC <u>48.49</u>
endorectal <u>48.41</u>
submucosal (Soave) 48.41
combined abdominal 48.5
rib (transaxillary) 77.91
as operative approach omit code
incidental to thoracic operation
omit code
right ventricle (heart), for infundibular
stenosis <u>35.34</u>
root (tooth) (apex) 23.73
with root canal therapy <u>23.72</u>
residual or retained <u>23.11</u>
round ligament <u>69.19</u>
sclera <u>12.65</u>
with scleral buckling see also
Buckling, scleral <u>14.49</u>
lamellar (for retinal reattachment) 14.49
with implant 14.41
scrotum 61.3
soft tissue NEC 83.49
hand <u>82.39</u>
sphincter of Oddi 51.89
spinal cord (meninges) 03.4
splanchnic <u>05.29</u>
splenic flexure (colon) 45.75
sternum <u>77.81</u>
stomach (partial) (sleeve) (subtotal) NEC
see also Gastrectomy 43.89
with anastomosis NEC 43.89
esophagogastric 43.5
gastroduodenal 43.6
gastrogastric 43.89
gastrojejunal <u>43.7</u>
complete or total NEC <u>43.99</u>
with intestinal interposition 43.91
fundus <u>43.89</u>

Resection -stomachCont.
radical NEC <u>43.99</u>
with intestinal interposition 43.91
wedge 43.42
endoscopic 43.41
submucous
larynx 30.29
nasal septum <u>21.5</u>
vocal cords 30.22
synovial membrane (complete) (partial)
see also Synovectomy <u>80.70</u>
tarsolevator 08.33
tendon 83.42
hand 82.33
thoracic structures (block) (en bloc)
(radical) (brachial plexus, bronchus,
lobes of lung, ribs, and sympathetic
nerves) <u>32.6</u>
thorax <u>34.4</u>
tongue <u>25.2</u>
wedge <u>25.1</u>
tooth root <u>23.73</u>
with root canal therapy 23.72
apex (abscess) 23.73
with root canal therapy 23.72
residual or retained <u>23.11</u>
trachea <u>31.5</u>
transurethral
bladder NEC <u>57.49</u>
prostate <u>60.29</u>
transverse colon <u>45.74</u>
turbinates see Turbinectomy
ureter (partial) <u>56.41</u>
total <u>56.42</u>
uterus see Hysterectomy
vein see Phlebectomy
ventricle (heart) 37.35
infundibula <u>35.34</u>
vesical neck 57.59
transurethral <u>57.49</u>
vocal cords (punch) 30.22
Respirator, volume-controlled (Bennett)
(Byrd) see Ventilation
Restoration
cardioesophageal angle 44.66
laparoscopic 44.67
dental NEC 23.49
by
application of crown (artificial) 23.41
insertion of bridge (fixed) 23.42
removable 23.43
extremity see Reattachment, extremity
eyebrow <u>08.70</u>
with graft <u>08.63</u>
eye socket 16.64
with graft <u>16.63</u>
min glait 10.03

RestorationCont.	Revascularization -cardiac withCont.
tooth NEC 23.2	aortocoronary (catheter stent)
by	(homograft) (prosthesis)
crown (artificial) 23.41	(saphenous vein graft) 36.10
filling(amalgam)(plastic)(silicate)	one coronary vessel <u>36.11</u>
23.2	two coronary vessels 36.12
inlay <u>23.3</u>	three coronary vessels 36.13
Restrictive	four coronary vessels 36.14
gastric band, laparoscopic 44.95	gastroepiploic artery to coronary
Resurfacing, hip 00.86	artery <u>36.17</u>
acetabulum 00.87	internal mammary-coronary artery
with femoral head 00.85	(single vessel) 36.15
femoral head 00.86	double vessel 36.16
with acetabulum 00.85	specified type NEC 36.19
partial NOS 00.85	thoracic artery-coronary artery
acetabulum 00.87	(single vessel) 36.15
femoral head 00.86	double vessel 36.16
total (acetabulum and femoral head)	implantation of artery into heart (muscle)
00.85	(myocardium) (ventricle) 36.2
Resuscitation	indirect 36.2
artificial respiration 93.93	specified type NEC 36.39
cardiac <u>99.60</u>	transmyocardial
cardioversion 99.62	endoscopic 36.33
atrial 99.61	endovascular 36.34
defibrillation 99.62	open chest 36.31
external massage 99.63	percutaneous 36.34
open chest 37.91	specified type NEC 36.32
intracardiac injection 37.92	thoracoscopic 36.33
cardiopulmonary 99.60	Reversal, intestinal segment 45.50
endotracheal intubation 96.04	large 45.52
manual 93.93	small 45.51
mouth-to-mouth 93.93	Revision
pulmonary 93.93	amputation stump 84.3
Resuture	current traumatic see Amputation
abdominal wall 54.61	anastomosis
cardiac septum prosthesis 35.95	biliary tract 51.94
chest wall 34.71	blood vessel 39.49
heart valve prosthesis (poppet) 35.95	gastric, gastrointestinal (with jejunal
wound (skin and subcutaneous tissue)	interposition) 44.5
(without graft) NEC 86.59	intestine (large) 46.94
Retavase, infusion 99.10	small 46.93
Reteplase, infusion 99.10	pleurothecal 03.97
Retinaculotomy NEC see also Division,	pyelointestinal 56.72
ligament 80.40	salpingothecal 03.97
carpal tunnel (flexor) 04.43	subarachnoid-peritoneal <u>03.97</u>
Retraining	subarachnoid-ureteral 03.97
cardiac <u>93.36</u>	ureterointestinal 56.72
vocational 93.85	ankle replacement (prosthesis) 81.59
Retrogasserian neurotomy 04.02	anterior segment (eye) wound (operative)
Revascularization	NEC 12.83
cardiac (heart muscle) (myocardium)	arteriovenous shunt(cannula)(for dialysis)
(direct) 36.10	39.42
with	arthroplasty see Arthroplasty
bypass anastomosis	bone flap, skull 02.06
abdominal artery to coronary artery	breast implant 85.93
36.17	bronchostomy 33.42
<u> </u>	

RevisionCont.	RevisionCont.
bypass graft (vascular) <u>39.49</u>	exenteration cavity <u>16.66</u>
abdominal - coronary artery 36.17	with secondary graft <u>16.65</u>
aortocoronary (catheter stent)(with	extraocular muscle surgery <u>15.6</u>
prosthesis)( with saphenous vein	fenestration, inner ear <u>20.62</u>
graft)(with vein graft) <u>36.10</u>	filtering bleb <u>12.66</u>
one coronary vessel <u>36.11</u>	fixation device (broken) (displaced)
two coronary vessels <u>36.12</u>	see also Fixation, bone, internal <u>78.50</u>
three coronary vessels <u>36.13</u>	flap or pedicle graft (skin) <u>86.75</u>
four coronary vessels <u>36.14</u>	foot replacement (prosthesis) <u>81.59</u>
CABG - see Revision, aortocoronary	gastric anastomosis (with jejunal
bypass graft	interposition) <u>44.5</u>
chest tube - see intercostal catheter	gastric band, laparoscopic <u>44.96</u>
coronary artery bypass graft (CABG)	gastric port device
- see Revision, aortocoronary	laparoscopic <u>44.96</u>
bypass graft, abdominal -	gastroduodenostomy (with jejunal
coronary artery bypass, and	interposition) <u>44.5</u>
internal mammary - coronary	gastrointestinal anastomosis (with jejunal
artery bypass	interposition) <u>44.5</u>
intercostal catheter (with lysis of	gastrojejunostomy <u>44.5</u>
adhesions) <u>34.04</u>	gastrostomy <u>44.69</u>
internal mammary - coronary artery	laparoscopic <u>44.68</u>
(single) <u>36.15</u>	hand replacement (prosthesis) <u>81.97</u>
double vessel <u>36.16</u>	heart procedure NEC 35.95
cannula, vessel-to-vessel (arteriovenous)	hip replacement NOS <u>81.53</u>
<u>39.94</u>	acetabular and femoral components
canthus, lateral <u>08.59</u>	(total) <u>00.70</u>
cardiac pacemaker	acetabular component only <u>00.71</u>
device (permanent) 37.89	acetabular liner and/or femoral head
electrode(s) (atrial) (transvenous)	only <u>00.73</u>
(ventricular) 37.75	femoral component only <u>00.72</u>
pocket <u>37.79</u>	femoral head only and/or acetabular
cardiac resynchronization defibrillator	liner <u>00.73</u>
(CRT-D)	partial
device <u>37.79</u>	acetabular component only 00.71
electrode(s) <u>37.75</u>	acetabular liner and/or femoral
pocket 37.79	head only 00.73
cardiac resynchronization pacemaker	femoral component only <u>00.72</u>
(CRT-P)	femoral head only and/or
device (permanent) <u>37.89</u> electrode(s) (atrial) (transvenous)	acetabular liner <u>00.73</u> total (acetabular and femoral
(ventricular) 37.75	
pocket <u>37.79</u>	components) <u>00.70</u> Holter (-Spitz) valve <u>02.42</u>
cardioverter/defibrillator (automatic)	ileal conduit 56.52
pocket 37.79	ileostomy 46.41
cholecystostomy 51.99	intervertebral disc, artificial (partial) (total)
cleft palate repair 27.63	NOS 84.69
colostomy 46.43	cervical 84.66
conduit, urinary 56.52	lumbar, lumbosacral 84.68
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esophagostomy <u>42.83</u>	only <u>00.73</u>

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elbow <u>81.97</u>	ocular implant <u>16.62</u>
femoral component only <u>00.72</u>	orbital implant <u>16.62</u>
femoral head only and/or acetabular	pocket
liner <u>00.73</u> foot 81.59	cardiac device (defibrillator) (pacemaker) with initial insertion of cardiac device
hand <u>81.97</u>	- omit code
hip 81.53	new site (cardiac device
acetabular and femoral components	pocket)(skin)(subcutaneous) <u>37.79</u>
(total) 00.70	intracardiac hemodynamic monitoring
acetabular component only <u>00.71</u>	37.79
acetabular liner and/or femoral head	subcutaneous device pocket NEC
only <u>00.73</u>	with initial insertion of generator or
femoral component only 00.72	device - omit code
femoral head only and/or acetabular	new site <u>86.09</u>
liner <u>00.73</u>	thalamic stimulator pulse generator
partial	with initial insertion of battery
acetabular component only 00.71	package - <i>omit code</i>
acetabular liner and/or femoral	new site (skin)(subcutaneous) <u>86.09</u>
head only <u>00.73</u>	previous mastectomy site see categories
femoral component only <u>00.72</u>	<u>85.0</u> - <u>85.99</u>
femoral head only and/or	proctostomy <u>48.79</u>
acetabular liner <u>00.73</u>	prosthesis
total (acetabular and femoral	acetabular and femoral components
components) 00.70	(total) <u>00.70</u>
knee replacement NOS <u>81.55</u> femoral component <u>00.82</u>	acetabular component only <u>00.71</u> acetabular liner and/or femoral head
partial	only 00.73
femoral component <u>00.82</u>	ankle 81.59
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tibial component 00.81	liner 00.73
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toe <u>81.59</u>	hip <u>81.53</u>
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wrist <u>81.97</u>	acetabular liner and/or femoral head
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femoral component <u>00.82</u>	liner 00.73
patellar component 00.83	partial
tibial component 00.81	acetabular component only 00.71
tibial insert 00.84	acetabular liner and/or femoral
patellar component 00.83	head only 00.73
tibial component 00.81	femoral component only 00.72
tibial insert 00.84	femoral head only and/or
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partial
•
femoral component <u>00.82</u>
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tibial component 00.81
tibial insert 00.84
patellar component 00.83
tibial component <u>00.81</u>
tibial insert <u>00.84</u>
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Sharrard operation (iliopsoas muscle transfer) 83.77  Shaving bone see also Excision, lesion, bone 77.60 cornea (epithelium) 11.41 for smear or culture 11.21 patella 77.66  Shelf operation (hip arthroplasty) 81.40  Shirodkar operation (encirclement suture, cervix) 67.59  Shock therapy chemical 94.24 electroconvulsive 94.27 electrotonic 94.27 insulin 94.24 subconvulsive 94.26  Shortening bone (fusion) 78.20 femur 78.25 specified site NEC see category 78.2 tibia 78.27
Sharrard operation (iliopsoas muscle transfer) 83.77  Shaving bone see also Excision, lesion, bone 77.60 cornea (epithelium) 11.41 for smear or culture 11.21 patella 77.66  Shelf operation (hip arthroplasty) 81.40  Shirodkar operation (encirclement suture, cervix) 67.59  Shock therapy chemical 94.24 electroconvulsive 94.27 electrotonic 94.27 insulin 94.24 subconvulsive 94.26  Shortening bone (fusion) 78.20 femur 78.25 specified site NEC see category 78.2 tibia 78.27 ulna 78.23
Sharrard operation (iliopsoas muscle transfer) 83.77  Shaving bone see also Excision, lesion, bone 77.60 cornea (epithelium) 11.41 for smear or culture 11.21 patella 77.66  Shelf operation (hip arthroplasty) 81.40  Shirodkar operation (encirclement suture, cervix) 67.59  Shock therapy chemical 94.24 electroconvulsive 94.27 electrotonic 94.27 insulin 94.24 subconvulsive 94.26  Shortening bone (fusion) 78.20 femur 78.25 specified site NEC see category 78.2 tibia 78.27 ulna 78.23 endopelvic fascia 69.22
Sharrard operation (iliopsoas muscle transfer) 83.77  Shaving bone see also Excision, lesion, bone 77.60 cornea (epithelium) 11.41 for smear or culture 11.21 patella 77.66  Shelf operation (hip arthroplasty) 81.40  Shirodkar operation (encirclement suture, cervix) 67.59  Shock therapy chemical 94.24 electroconvulsive 94.27 electrotonic 94.27 insulin 94.24 subconvulsive 94.26  Shortening bone (fusion) 78.20 femur 78.25 specified site NEC see category 78.2 tibia 78.27 ulna 78.23

ShorteningCont.
eye muscle NEC <u>15.22</u>
multiple (two or more muscles) (with
lengthening) <u>15.4</u>
finger (macrodactyly repair) 82.83
heel cord 83.85
levator palpebrae muscle 08.33
ligament see also Arthroplasty
round <u>69.22</u>
uterosacral 69.22
muscle 83.85
extraocular 15.22
multiple (two or more muscles) 15.4
hand 82.55
sclera (for repair of retinal detachment) 14.59
by scleral buckling see also Buckling,
scleral 14.49
tendon 83.85
hand 82.55
ureter (with reimplantation) 56.41
Shunt see also Anastomosis and Bypass,
vascular
abdominovenous 54.94
aorta-coronary sinus 36.39
aorta (descending)-pulmonary (artery) 39.0
aortocarotid 39.22
aortoceliac 39.26
aortofemoral 39.25
aortoiliac 39.25
aortoiliofemoral 39.25
aortomesenteric 39.26
aorto-myocardial (graft) 36.2
aortorenal 39.24
aortosubclavian 39.22
apicoaortic 35.93
arteriovenous NEC 39.29
for renal dialysis (by)
anastomosis 39.27
external cannula 39.93
ascending aorta to pulmonary artery
(Waterston) 39.0
axillary-femoral 39.29
carotid-carotid 39.22
carotid-subclavian 39.22
caval-mesenteric 39.1
corpora cavernosa-corpus spongiosum
64.98
corpora-saphenous 64.98
descending aorta to pulmonary artery
(Potts-Smith) <u>39.0</u>
endolymphatic (-subarachnoid) 20.71
endolymph-perilymph 20.71
extracranial-intracranial (EC-IC) 39.28
femoroperoneal 39.29
femoropopliteal 39.29
iliofemoral 39.25
ilioiliac 39.25

ShuntCont.	Shunt -ventricular toCont.
intestinal	head or neck structure 02.31
large-to-large 45.94	intracerebral site NEC 02.2
small-to-large <u>45.93</u>	lumbar site <u>02.39</u>
small-to-small <u>45.91</u>	mastoid <u>02.31</u>
left subclavian to descending aorta	nasopharynx <u>02.31</u>
(Blalock-Park) <u>39.0</u>	thoracic cavity <u>02.33</u>
left-to-right (systemic-pulmonary artery)	ureter <u>02.35</u>
<u>39.0</u>	urinary system <u>02.35</u>
left ventricle (heart) (apex) and aorta 35.93	venous system <u>02.32</u>
lienorenal 39.1	ventriculoatrial (with valve) <u>02.32</u>
lumbar-subarachnoid (with valve) NEC	ventriculocaval (with valve) 02.32
03.79	ventriculocisternal (with valve) 02.2
mesocaval 39.1	ventriculolumbar (with valve) <u>02.39</u>
peritoneal-jugular <u>54.94</u>	ventriculomastoid (with valve) 02.31
peritoneo-vascular 54.94	ventriculonasopharyngeal 02.31
peritoneovenous <u>54.94</u>	ventriculopleural (with valve) 02.33
pleuroperitoneal 34.05	Sialoadenectomy (parotid) (sublingual)
pleurothecal (with valve) 03.79	(submaxillary) <u>26.30</u>
portacaval (double) 39.1	complete 26.32
portal-systemic 39.1	partial <u>26.31</u>
portal vein to vena cava 39.1	radical 26.32
pulmonary-innominate <u>39.0</u> pulmonary vein to atrium 35.82	Sialoadenolithotomy 26.0
renoportal 39.1	Sialoadenotomy <u>26.0</u> Sialodochoplasty NEC <u>26.49</u>
right atrium and pulmonary artery 35.94	Sialogram 87.09
right ventricle and pulmonary artery	Sialolithotomy 26.0
(distal) 35.92	Sieve, vena cava 38.7
in repair of	Sigmoid bladder 57.87 [45.52]
pulmonary artery atresia <u>35.92</u>	Sigmoidectomy 45.76
transposition of great vessels 35.92	Sigmoidomyotomy 46.91
truncus arteriosus 35.83	Sigmoidopexy (Moschowitz) 46.63
salpingothecal (with valve) 03.79	Sigmoidoproctectomy see also Resection,
semicircular subarachnoid $\frac{20.71}{}$	rectum 48.69
spinal (thecal) (with valve) NEC 03.79	Sigmoidoproctostomy 45.94
subarachnoid-peritoneal 03.71	Sigmoidorectostomy 45.94
subarachnoid-ureteral 03.72	Sigmoidorrhaphy 46.75
splenorenal (venous) 39.1	Sigmoidoscopy (rigid) 48.23
arterial <u>39.26</u>	with biopsy 45.25
subarachnoid-peritoneal (with valve) 03.71	flexible <u>45.24</u>
subarachnoid-ureteral (with valve) <u>03.72</u>	through stoma (artificial) <u>45.22</u>
subclavian-pulmonary <u>39.0</u>	transabdominal <u>45.21</u>
subdural-peritoneal (with valve) <u>02.34</u>	Sigmoidosigmoidostomy <u>45.94</u>
superior mesenteric-caval 39.1	proximal to distal segment 45.76
systemic-pulmonary artery <u>39.0</u>	Sigmoidostomy see also Colostomy 46.10
transjugular intrahepatic portosystemic	Sigmoidotomy <u>45.03</u>
[TIPS] <u>39.1</u>	Sign language <u>93.75</u>
vena cava to pulmonary artery (Green)	Silver operation (bunionectomy) 77.59
39.21	Sinogram
ventricular (cerebral) (with valve) 02.2	abdominal wall 88.03
to	chest wall 87.38
abdominal cavity or organ <u>02.34</u>	retroperitoneum 88.14
bone marrow <u>02.39</u> cervical subarachnoid space <u>02.2</u>	Sinusectomy (nasal) (complete) (partial) (with
circulatory system 02.32	turbinectomy) <u>22.60</u> antrum 22.62
cisterna magna <u>02.32</u>	with Caldwell-Luc approach 22.61
extracranial site NEC 02.39	ethmoid 22.63
gallbladder 02.34	frontal 22.42

SinusectomyCont.
maxillary 22.62
with Caldwell-Luc approach 22.61
sphenoid 22.64
Sinusotomy (nasal) 22.50
antrum (intranasal) 22.2
with external approach (Caldwell-Luc)
22.39
radical (with removal of membrane
lining) <u>22.31</u>
ethmoid <u>22.51</u>
frontal <u>22.41</u>
maxillary (intranasal) <u>22.2</u>
external approach (Caldwell-Luc) <u>22.39</u>
radical (with removal of membrane
lining) <u>22.31</u>
multiple 22.53
perinasal <u>22.50</u>
sphenoid 22.52
Sistrunk operation (excision of thyro-
glossal cyst) 06.7
Size reduction
abdominal wall (adipose) (pendulous)
86.83
arms (adipose) (batwing) 86.83
breast (bilateral) 85.32
unilateral 85.31
buttocks (adipose) <u>86.83</u>
skin <u>86.83</u>
subcutaneous tissue <u>86.83</u>
thighs (adipose) <u>86.83</u>
Skeletal series (x-ray) <u>88.31</u>
Sling see also Operation, sling
fascial (fascia lata)
for facial weakness (trigeminal nerve
paralysis) <u>86.81</u>
mouth 86.81
orbicularis (mouth) 86.81
tongue <u>25.59</u>
levator muscle (urethrocystopexy) 59.71
pubococcygeal <u>59.71</u>
rectum (puborectalis) 48.76
tongue (fascial) 25.59
Slitting
canaliculus for
passage of tube <u>09.42</u>
removal of streptothrix 09.42
lens 13.2
prepuce (dorsal) (lateral) 64.91
Slocum operation(pes anserinus transfer)
81.47
Sluder operation (tonsillectomy) 28.2
Small bowel series (x-ray) <u>87.63</u>
Smith operation (open osteotomy of
mandible) <u>76.62</u>
Smith-Peterson operation (radiocarpal
arthrodesis) <u>81.25</u>
Smithwick operation (sympathectomy) 05.29

Snip, punctum (with dilation) <u>09.51</u>
Soave operation (endorectal pull-through)
48.41
Somatotherapy, psychiatric NEC 94.29
Sonneberg operation (inferior maxillary
neurectomy) 04.07
Sorondo-Ferré operation (hindquarter
amputation) 84.19
Soutter operation (iliac crest fasciotomy) 83.14
Spaulding-Richardson operation (uterine
suspension) 69.22
Spectrophotometry NEC 89.39
blood <u>89.39</u>
placenta <u>89.29</u>
urine <u>89.29</u>
Speech therapy NEC <u>93.75</u>
Spermatocelectomy <u>63.2</u>
Spermatocystectomy 60.73
Spermatocystotomy 60.72
Sphenoidectomy 22.64
Sphenoidotomy 22.52
Sphincterectomy, anal 49.6
Sphincteroplasty
anal 49.79
obstetrical laceration (current) 75.62
old <u>49.79</u>
bladder neck <u>57.85</u>
pancreas <u>51.83</u>
sphincter of Oddi <u>51.83</u>
Sphincterorrhaphy, anal <u>49.71</u>
obstetrical laceration (current) 75.62
old <u>49.79</u>
Sphincterotomy
anal (external) (internal) 49.59
left lateral 49.51
posterior 49.52
bladder (neck) (transurethral) 57.91
choledochal 51.82
endoscopic 51.85
iris <u>12.12</u>
pancreatic 51.82
endoscopic <u>51.85</u>
sphincter of Oddi 51.82
endoscopic 51.85
transduodenal ampullary <u>51.82</u>
endoscopic <u>51.85</u>
Spinal anesthesia omit code
Spinelli operation (correction of inverted
uterus) <u>75.93</u>
<b>Spirometry</b> (incentive) (respiratory) <u>89.37</u>
<b>Spivack operation</b> (permanent gastrostomy)
43.19
Splanchnicectomy <u>05.29</u>
Splanchnicotomy <u>05.0</u>
<b>Splenectomy</b> (complete) (total) 41.5
partial <u>41.43</u>

Snaring, polyp, colon (endoscopic) 45.42

Splenogram <u>88.64</u>	StaplingCont
radioisotope <u>92.05</u>	graft see Graft
Splenolysis <u>54.59</u>	vein <u>39.32</u>
laparoscopic <u>54.51</u>	STARR (stapled transanal rectal resection)
Splenopexy <u>41.95</u>	<u>70.52</u>
Splenoplasty <u>41.95</u>	Steinberg operation 44.5
<b>Splenoportogram</b> (by splenic arteriography)	Steindler operation
<u>88.64</u>	fascia stripping (for cavus deformity) <u>83.14</u>
Splenorrhaphy <u>41.95</u>	flexorplasty (elbow) <u>83.77</u>
Splenotomy <u>41.2</u>	muscle transfer <u>83.77</u>
Splinting	Stereotactic radiosurgery <u>92.30</u>
dental (for immobilization) 93.55	cobalt 60 <u>92.32</u>
orthodontic <u>24.7</u>	linear accelerator (LINAC) <u>92.31</u>
musculoskeletal <u>93.54</u>	multi-source <u>92.32</u>
ureteral <u>56.2</u>	particle beam <u>92.33</u>
Splitting see also Division	particulate <u>92.33</u>
canaliculus <u>09.52</u>	radiosurgery NEC <u>92.39</u>
lacrimal papilla <u>09.51</u>	single source photon <u>92.31</u>
spinal cord tracts <u>03.29</u>	Stereotactic head frame application 93.59
percutaneous <u>03.21</u>	Sterilization
tendon sheath <u>83.01</u>	female see also specific operation <u>66.39</u>
hand <u>82.01</u>	male NEC see also Ligation, vas deferens
Spondylosyndesis see also Fusion, spinal	63.70
81.00	Sternotomy <u>77.31</u>
S.P. Rogers operation (knee disarticulation)	as operative approach omit code
84.16	for bone marrow biopsy 41.31
Ssabanejew-Frank operation (permanent	Stewart operation (renal plication with
gastrostomy) 43.19	pyeloplasty) 55.87
Stab, intercostal 34.09	Stimulation (electronic) see also Implant,
Stabilization, joint see also Arthrodesis	electronic stimulator
patella (for recurrent dislocation) 81.44	bone growth (percutaneous) see
Stacke operation (simple mastoidectomy)	category <u>78.9</u> transcutaneous (surface) <u>99.86</u>
20.41	cardiac (external) 99.62
Stallard operation (conjunctivocysto- rhinostomy) 09.82	internal 37.91
with insertion of tube or stent 09.83	carotid sinus 99.64
Stamm (-Kader) operation (temporary	CaverMap™ 89.58
gastrostomy) 43.19	defibrillator
Stapedectomy 19.19	as part of intraoperative testing <i>-omit code</i>
with incus replacement (homograft)	catheter based invasive electro-
(prosthesis) 19.11	physiologic testing 37.26
revision 19.29	device interrogation only without
with incus replacement 19.21	arrhythmia induction (bedside
Stapediolysis 19.0	check) 89.45 - 89.49
Stapling	non-invasive programmed electrical
artery <u>39.31</u>	stimulation (NIPS) 37.20
blebs, lung (emphysematous) 32.21	electrophysiologic, cardiac
diaphysis see also Stapling, epiphyseal	as part of intraoperative testing
plate <u>78.20</u>	- omit code
epiphyseal plate <u>78.20</u>	catheter based invasive
femur <u>78.25</u>	electrophysiologic testing <u>37.26</u>
fibula <u>78.27</u>	device interrogation only without
humerus <u>78.22</u>	arrhythmia induction (bedside
radius <u>78.23</u>	check) <u>89.45 - 89.49</u>
specified site NEC <u>78.29</u>	noninvasive programmed electrical
tibia <u>78.27</u>	stimulation (NIPS) <u>37.20</u>
ulna <u>78.23</u>	
gastric varices <u>44.91</u>	

StimulationCont	Study -electrophysiologicCont
nerve	noninvasive programmed electrical
CaverMap™ <u>89.58</u>	stimulation (NIPS) 37.20
penile <u>89.58</u>	function see also Function, study
peripheral or spinal cord,	radioisotope see Scan, radioisotope
transcutaneous 93.39	lacrimal flow (radiographic) 87.05
Stitch, Kelly-Stoeckel (urethra) 59.3	ocular motility <u>95.15</u>
Stomatoplasty 27.59	pulmonary function see categories
Stomatorrhaphy 27.52	89.37-89.38
Stone operation (anoplasty) 49.79	radiographic see Radiography
Strapping (non-traction) 93.59	radio-iodinated triolein <u>92.04</u>
Strassman operation (metroplasty) 69.49	renal clearance <u>92.03</u>
Strayer operation (gastrocnemius recession)	spirometer <u>89.37</u>
<u>83.72</u>	tracer see also Scan, radioisotope eye
Stretching	(P32) <u>95.16</u>
eyelid (with elongation) 08.71	ultrasonic see Ultrasonography
fascia <u>93.28</u>	visual field <u>95.05</u>
foreskin <u>99.95</u>	xenon flow NEC <u>92.19</u>
iris <u>12.63</u>	cardiovascular <u>92.05</u>
muscle <u>93.27</u>	pulmonary <u>92.15</u>
nerve (cranial) (peripheral) <u>04.91</u>	Sturmdorf operation (conization of cervix) 67.2
tendon <u>93.27</u>	Submucous resection
Stripping	larynx <u>30.29</u>
bone see also Incision, bone <u>77.10</u>	nasal septum <u>21.5</u>
carotid sinus <u>39.8</u>	Summerskill operation dacryocystorhinostomy
cranial suture <u>02.01</u>	by intubation) <u>09.81</u>
fascia <u>83.14</u>	Surgery
hand <u>82.12</u>	computer assisted (CAS) <u>00.39</u>
membranes for surgical induction of	CAS with CT/CTA 00.31
labor <u>73.1</u>	CAS with fluoroscopy <u>00.33</u>
meninges (cerebral) <u>01.51</u>	CAS with MR/MRA 00.32
spinal <u>03.4</u>	CAS with multiple datasets <u>00.35</u>
saphenous vein, varicose 38.59	imageless 00.34
subdural membrane (cerebral) <u>01.51</u>	other CAS <u>00.39</u>
spinal <u>03.4</u>	IGS - see Surgery, computer assisted
varicose veins (lower limb) 38.59	image guided - <i>see</i> Surgery, computer
upper limb <u>38.53</u>	assisted
vocal cords 30.09	navigation (CT-free, IGN image guided,
Stromeyer-Little operation (hepatotomy)	imageless)- see Surgery, computer
50.0	assisted
Strong operation (unbridling of celiac	Surmay operation (jejunostomy) 46.39 Suspension
artery axis) <u>39.91</u> Stryker frame 93.59	balanced, for traction 93.45
Stryker frame <u>95.59</u> Study	bladder NEC 57.89
bone mineral density 88.98	diverticulum, pharynx 29.59
bundle of His 37.29	kidney 55.7
color vision 95.06	Olshausen (uterus) 69.22
conduction, nerve (median) 89.15	ovary 65.79
dark adaptation, eye 95.07	paraurethral (Pereyra) <u>59.6</u>
electrophysiologic stimulation and	periurethral 59.6
recording, cardiac	urethra (retropubic) (sling) 59.5
as part of intraoperative testing	urethrovesical
omit code	Goebel-Frangenheim-Stoeckel 59.4
catheter based invasive	gracilis muscle transplant 59.71
electrophysiologic testing 37.26	levator muscle sling 59.71
device interrogation only without	Marshall-Marchetti (-Krantz) 59.5
arrhythmia induction (bedside	Millin-Read 59.4
check) <u>89.45 - 89.49</u>	suprapubic 59.4
	· · · —

SuspensionCont	SutureCont.
uterus (abdominal or vaginal approach)	epididymis (and)
<u>69.22</u>	spermatic cord <u>63.51</u>
vagina <u>70.77</u>	vas deferens <u>63.81</u>
Suture (laceration)	episiotomy see Episiotomy
abdominal wall <u>54.63</u>	esophagus <u>42.82</u>
secondary <u>54.61</u>	eyeball <u>16.89</u>
adenoid fossa <u>28.7</u>	eyebrow <u>08.81</u>
adrenal (gland) 07.44	eyelid <u>08.81</u>
aneurysm (cerebral) (peripheral) 39.52	with entropion or ectropion repair <u>08.42</u>
anus <u>49.71</u>	fallopian tube <u>66.71</u>
obstetric laceration (current) 75.62	fascia <u>83.65</u>
old <u>49.79</u>	hand <u>82.46</u>
aorta 39.31	to skeletal attachment <u>83.89</u>
aponeurosis see also Suture, tendon	hand <u>82.89</u> gallbladder 51.91
83.64	
arteriovenous fistula <u>39.53</u> artery 39.31	ganglion, sympathetic <u>05.81</u> gingiva 24.32
· ——	great vessel 39.30
percutaneous puncture closure - <i>omit code</i>	artery 39.31
bile duct 51.79	vein 39.32
bladder 57.81	gum 24.32
obstetric laceration (current) 75.61	heart 37.49
blood vessel NEC 39.30	hepatic duct 51.79
artery <u>39.31</u>	hymen 70.76
percutaneous puncture closure	ileum 46.73
- omit code	intestine 46.79
vein 39.32	large 46.75
breast (skin) 85.81	small 46.73
bronchus 33.41	jejunum <u>46.73</u>
bursa <u>83.99</u>	joint capsule <u>81.96</u>
hand <u>82.99</u>	with arthroplasty see Arthroplasty
canaliculus <u>09.73</u>	ankle <u>81.94</u>
cecum <u>46.75</u>	foot <u>81.94</u>
cerebral meninges <u>02.11</u>	lower extremity NEC <u>81.95</u>
cervix (traumatic laceration) 67.61	upper extremity <u>81.93</u>
internal os, encirclement 67.59	kidney <u>55.81</u>
obstetric laceration (current) 75.51	labia <u>71.71</u>
old <u>67.69</u>	laceration see Suture, by site
chest wall 34.71	larynx 31.61
cleft palate 27.62	ligament 81.96
clitoris <u>71.4</u> colon 46.75	with arthroplasty see Arthroplasty ankle 81.94
common duct 51.71	broad 69.29
conjunctiva 10.6	Cooper's 54.64
cornea 11.51	foot and toes 81.94
with conjunctival flap 11.53	gastrocolic 54.73
corneoscleral 11.51	knee 81.95
with conjunctival flap 11.53	lower extremity NEC 81.95
diaphragm 34.82	sacrouterine 69.29
duodenum 46.71	upper extremity 81.93
ulcer (bleeding) (perforated) 44.42	uterine 69.29
endoscopic 44.43	ligation see Ligation
dura mater (cerebral) 02.11	lip <u>27.51</u>
spinal <u>03.59</u>	liver <u>50.61</u>
ear, external 18.4	lung 33.43
enterocele 70.92	meninges (cerebral) 02.11
entropion <u>08.42</u>	spinal <u>03.59</u>

SutureCont.	SutureCont.
mesentery <u>54.75</u>	retina (for reattachment) 14.59
mouth <u>27.52</u>	sacrouterine ligament <u>69.29</u>
muscle <u>83.65</u>	salivary gland <u>26.41</u>
hand <u>82.46</u>	scalp <u>86.59</u>
ocular (oblique) (rectus) <u>15.7</u>	replantation <u>86.51</u>
nerve (cranial) (peripheral) <u>04.3</u>	sclera (with repair of conjunctiva) 12.81
sympathetic <u>05.81</u>	scrotum (skin) <u>61.41</u>
nose (external) (internal) <u>21.81</u>	secondary
for epistaxis <u>21.09</u>	abdominal wall <u>54.61</u>
obstetric laceration NEC <u>75.69</u>	episiotomy <u>75.69</u>
bladder <u>75.61</u>	peritoneum <u>54.64</u>
cervix <u>75.51</u>	sigmoid <u>46.75</u>
corpus uteri <u>75.52</u>	skin (mucous membrane) (without graft)
pelvic floor <u>75.69</u>	<u>86.59</u>
perineum <u>75.69</u>	with graft see Graft, skin
rectum <u>75.62</u>	breast <u>85.81</u>
sphincter ani <u>75.62</u>	ear <u>18.4</u>
urethra <u>75.61</u>	eyebrow <u>08.81</u>
uterus <u>75.50</u>	eyelid <u>08.81</u>
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ingioluccioning, substernal ou.su	obstetrical <u>75.51</u>

Trachelotomy 69.95	TractionCont.
obstetrical <u>73.93</u>	spinal NEC <u>93.42</u>
Tracheocricotomy (for assistance in	with skull device (halo) (caliper)
breathing) <u>31.1</u>	(Crutchfield) (Gardner Wells) (Vinke)
Tracheofissure 31.1	(tongs) <u>93.41</u>
Tracheography 87.32	with synchronous insertion of device
Tracheolaryngotomy (emergency) 31.1	<u>02.94</u>
permanent opening 31.29	Thomas' splint 93.45
Tracheoplasty 31.79	Vinke tongs <u>93.41</u>
with artificial larynx 31.75	with synchronous insertion of device 02.94
Tracheorrhaphy 31.71	Tractotomy
Tracheoscopy NEC 31.42	brain 01.32
through tracheotomy (stoma) 31.41	medulla oblongata <u>01.32</u>
Tracheostomy (emergency) (temporary)	mesencephalon 01.32
(for assistance in breathing) 31.1	percutaneous <u>03.21</u>
mediastinal 31.21	spinal cord (one-stage) (two-stage) <u>03.29</u>
permanent NEC 31.29	trigeminal (percutaneous) (radiofrequency)
revision 31.74	04.02
	Training (for) (in)
Tracheotomy (emergency) (temporary) (for	ADL (activities of daily living) 93.83
assistance in breathing) 31.1	for the blind 93.78
permanent 31.29	
Tracing, carotid pulse with ECG lead 89.56	ambulation 93.22
TRAM (transverse rectus abdominis	braille 93.77
musculocutaneous) flap of breast <u>85.7</u>	crutch walking <u>93.24</u>
Traction	dyslexia 93.71
with reduction of fracture or dislocation	dysphasia 93.72
see Reduction, fracture and	esophageal speech(postlaryngectomy) <u>93.73</u>
Reduction, dislocation	gait <u>93.22</u>
adhesive tape (skin) <u>93.46</u>	joint movements <u>93.14</u>
boot <u>93.46</u>	lip reading <u>93.75</u>
Bryant's (skeletal) <u>93.44</u>	Moon (blind reading) <u>93.77</u>
Buck's <u>93.46</u>	orthoptic <u>95.35</u>
caliper tongs <u>93.41</u>	prenatal (natural childbirth) <u>93.37</u>
with synchronous insertion of device	prosthetic or orthotic device usage <u>93.24</u>
<u>02.94</u>	relaxation <u>94.33</u>
Cortel's (spinal) <u>93.42</u>	speech NEC <u>93.75</u>
Crutchfield tongs <u>93.41</u>	esophageal type <u>93.73</u>
with synchronous insertion of device	for correction of defect <u>93.74</u>
<u>02.94</u>	use of lead dog for the blind 93.76
Dunlop's (skeletal) <u>93.44</u>	vocational <u>93.85</u>
gallows <u>93.46</u>	Transactional analysis
Gardner Wells <u>93.41</u>	group <u>94.44</u>
with synchronous insertion of device	individual 94.39
02.94	Transection see also Division
halo device, skull <u>93.41</u>	artery (with ligation) see also Division,
with synchronous insertion of device	artery <u>38.80</u>
02.94	renal, aberrant (with reimplantation) 39.55
Lyman Smith (skeletal) 93.44	bone see also Osteotomy 77.30
manual, intermittent 93.21	fallopian tube (bilateral) (remaining)
mechanical, intermittent 93.21	(solitary) <u>66.39</u>
Russell's (skeletal) 93.44	by endoscopy <u>66.22</u>
skeletal NEC <u>93.44</u>	unilateral 66.92
intermittent 93.43	isthmus, thyroid <u>06.91</u>
skin, limbs NEC <u>93.46</u>	muscle <u>83.19</u>
5, IIII05 NEC <u>55.70</u>	eye 15.13
	multiple (two or more muscles) 15.3
	hand 82 19

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TransectionCont.	Transfixion see also Fixation
nerve (cranial) (peripheral) NEC <u>04.03</u>	iris (bombé) <u>12.11</u>
acoustic <u>04.01</u>	Transfusion (of) 99.03
root (spinal) <u>03.1</u>	antihemophilic factor 99.06
sympathetic <u>05.0</u>	antivenin <u>99.16</u>
tracts in spinal cord <u>03.29</u>	autologous blood
trigeminal <u>04.02</u>	collected prior to surgery 99.02
vagus (transabdominal)	intraoperative 99.00
see also Vagotomy 44.00	perioperative <u>99.00</u>
pylorus (with wedge resection) 43.3	postoperative <u>99.00</u>
renal vessel, aberrant (with reimplantation)	Transfusion (of)Cont.
<u>39.55</u>	previously collected 99.02
spinal	salvage <u>99.00</u>
cord tracts <u>03.29</u>	blood (whole) NOS <u>99.03</u>
nerve root <u>03.1</u>	expander <u>99.08</u>
tendon <u>83.13</u>	surrogate <u>99.09</u>
hand <u>82.11</u>	bone marrow <u>41.00</u>
uvula <u>27.71</u>	allogeneic <u>41.03</u>
vas deferens <u>63.71</u>	with purging 41.02
vein (with ligation) see also Division,	allograft <u>41.03</u>
vein <u>38.80</u>	with purging 41.02
renal,aberrant(with reimplantation)	autograft <u>41.01</u>
<u>39.55</u>	with purging 41.09
varicose (lower limb) 38.59	autologous <u>41.01</u>
Transfer, transference	with purging <u>41.09</u>
bone shaft, fibula into tibia <u>78.47</u>	coagulation factors <u>99.06</u>
digital (to replace absent thumb) <u>82.69</u>	Dextran <u>99.08</u>
finger (to thumb) (same hand) <u>82.61</u>	exchange <u>99.01</u>
to	intraperitoneal <u>75.2</u>
finger, except thumb 82.81	in utero (with hysterotomy) <u>75.2</u>
opposite hand (with amputation)	exsanguination <u>99.01</u>
<u>82.69</u> [84.01]	gamma globulin <u>99.14</u>
toe (to thumb) (with amputation)	granulocytes <u>99.09</u>
82.69 [84.11]	hemodilution 99.03
to finger, except thumb <u>82.81</u> [84.11]	
fat pad NEC <u>86.89</u>	packed cells <u>99.04</u>
with skin graft see Graft, skin, full-	plasma <u>99.07</u>
thickness	platelets 99.05
finger (to replace absent thumb)	replacement, total 99.01
(same hand) <u>82.61</u>	serum NEC <u>99.07</u>
to	substitution 99.01
finger, except thumb 82.81	thrombocytes 99.05
opposite hand (with amputation)	Transillumination
82.69 [84.01] muscle origin <u>83.77</u>	nasal sinuses 89.35
hand 82.58	skull (newborn) <u>89.16</u> Translumbar aortogram 88.42
nerve (cranial) (peripheral) (radial anterior)	Transplant, transplantation
(ulnar) 04.6	Note: To report donor source:
pedicle graft 86.74	cadaver 00.93
pes anserinus (tendon) (repair of knee)	live non-related donor 00.92
81.47	live related donor 00.91
tarsoconjunctival flap, from opposing lid	live unrelated donor 00.92
08.64	artery <u>39.59</u>
tendon <u>83.75</u>	renal, aberrant 39.55
hand <u>82.56</u>	autotransplant see Reimplantation
pes anserinus (repair of knee) <u>81.47</u>	blood vessel 39.59
toe-to-thumb (free) (pedicle) (with	renal, aberrant 39.55
amputation) 82.69 [84.11]	Tenai, aberrant 33.33
	1

Transplant, transplantation Cont.	Transplant, transplantation Cont.
bone see also Graft, bone <u>78.00</u>	lung <u>33.50</u>
marrow <u>41.00</u>	bilateral <u>33.50</u>
allogeneic <u>41.03</u>	combined with heart 33.6
with purging 41.02	double <u>33.52</u>
allograft 41.03	single <u>33.51</u>
with purging 41.02	unilateral 33.51
autograft 41.01	lymphatic structure(s) (peripheral) 40.9
with purging 41.09	mammary artery to myocardium or
autologous 41.01	ventricular wall 36.2
with purging 41.09	muscle <u>83.77</u>
stem cell	gracilis (for) 83.77
allogeneic (hematopoietic) 41.05	anal incontinence 49.74
with purging 41.08	urethrovesical suspension <u>59.71</u>
autologous (hematopoietic) 41.04	hand <u>82.58</u>
with purging 41.07	temporalis <u>83.77</u> with orbital exenteration 16.59
cord blood 41.06	
stem cell allogeneic (hematopoietic) 41.05	nerve (cranial) (peripheral) <u>04.6</u> ovary 65.92
with purging 41.08	
autologous (hematopoietic) 41.04	pancreas <u>52.80</u> heterotransplant <u>52.83</u>
with purging 41.07	homotransplant 52.82
cord blood <u>41.06</u>	Islets of Langerhans (cells) 52.86
combined heart-lung 33.6	allotransplantation of cells 52.85
conjunctiva, for pterygium 11.39	autotransplantation of cells 52.84
corneal see also Keratoplasty 11.60	heterotransplantation 52.85
dura 02.12	homotransplantation 52.84
fascia 83.82	reimplantation 52.81
hand 82.72	pes anserinus(tendon)(repair of knee) 81.47
finger (replacing absent thumb) (same	renal NEC 55.69
hand) 82.61	vessel, aberrant 39.55
to	salivary duct opening 26.49
finger, except thumb 82.81	skin see Graft, skin
opposite hand (with amputation)	spermatic cord 63.53
82.69 [84.01]	spleen <u>41.94</u>
gracilis muscle (for) 83.77	stem cells
anal incontinence 49.74	allogeneic (hematopoietic) 41.05
urethrovesical suspension 59.71	with purging 41.08
hair follicles	autologous (hematopoietic) 41.04
eyebrow 08.63	with purging 41.07
eyelid 08.63	cord blood 41.06
scalp 86.64	tendon 83.75
heart (orthotopic) 37.51	hand <u>82.56</u>
combined with lung 33.6	pes anserinus (repair of knee) 81.47
ileal stoma to new site $\frac{46.23}{}$	superior rectus (blepharoptosis) 08.36
intestine 46.97	testis to scrotum <u>62.5</u>
Islets of Langerhans (cells) 52.86	thymus <u>07.94</u>
allotransplantation of cells 52.85	thyroid tissue <u>06.94</u>
autotransplantation of cells 52.84	toe (replacing absent thumb) (with
heterotransplantation <u>52.85</u>	amputation) <u>82.69</u> [ <u>84.11</u> ]
homotransplantation <u>52.84</u>	to finger, except thumb <u>82.81</u> [ <u>84.11</u> ]
kidney NEC <u>55.69</u>	tooth <u>23.5</u>
liver <u>50.59</u>	ureter to
auxiliary (permanent) (temporary)	bladder <u>56.74</u>
(recipient's liver in situ) 50.51	ileum (external diversion) <u>56.51</u>
cells into spleen via percutaneous	internal diversion only <u>56.71</u>
catheterization 38.91	intestine <u>56.71</u>
	skin <u>56.61</u>



Transplant, transplantationCont.
vein (peripheral) 39.59
renal, aberrant 39.55
vitreous 14.72
anterior approach 14.71
Transposition
extraocular muscles <u>15.5</u>
eyelash flaps 08.63
eye muscle (oblique) (rectus) 15.5
finger (replacing absent thumb)
(same hand) 82.61
to
finger, except thumb 82.81
opposite hand(with amputation)
82.69 [84.01]
interatrial venous return 35.91
jejunal (Henley) <u>43.81</u>
joint capsule see also Arthroplasty
81.96
muscle NEC 83.79
extraocular 15.5
hand 82.59
nerve (cranial) (peripheral) (radial
anterior) (ulnar) <u>04.6</u>
nipple 85.86
pterygium 11.31
tendon NEC <u>83.76</u>
hand 82.57
vocal cords 31.69
Transureteroureterostomy <u>56.75</u>
Transversostomysee also Colostomy
<u>46.10</u>
Trapping, aneurysm (cerebral) 39.52
Trauner operation (lingual sulcus
extension) <u>24.91</u>
Trephination, trephining
accessory sinus see Sinusotomy
corneoscleral <u>12.89</u>
cranium <u>01.24</u>
nasal sinus see Sinusotomy
sclera (with iridectomy) <u>12.61</u>
Trial (failed) forceps 73.3
Trigonectomy <u>57.6</u>
Trimming, amputation stump <u>84.3</u>
Triple arthrodesis <u>81.12</u>
Trochanterplasty <u>81.40</u>
Tsuge operation (macrodactyly repair)
82.83
Tuck, tucking see also Plication
eye muscle 15.22
multiple (two or more muscles) <u>15.4</u>
levator palpebrae, for blepharoptosis
<u>08.34</u>

rudor rabbit ear operation (antenor
urethropexy) <u>59.79</u>
Tuffier operation
apicolysis of lung 33.39
vaginal hysterectomy <u>68.59</u>
laparoscopically assisted (LAVH) 68.51
TULIP (transurethral ultrasound guided laser
induced prostectomy) 60.21
<b>TUNA</b> (transurethral needle ablation) of
prostate 60.97
TUMT (transurethral microwave
thermotherapy) of prostate 60.96
Tunnel, subcutaneous (antethoracic) 42.86
esophageal <u>42.68</u>
with anastomosis - see Anastomosis,
esophagus,antesternal <u>42.68</u>
pulse generator lead wire <u>86.99</u>
with initial procedure - omit code
Turbinectomy (complete) (partial) NEC 21.69
by
cryosurgery <u>21.61</u>
diathermy 21.61
with sinusectomy see Sinusectomy
Turco operation (release of joint capsules in
clubfoot) 80.48
TURP(transurethral resection of prostate) 60.2
Tylectomy (breast) (partial) 85.21
Tympanectomy 20.59
with tympanoplasty see Tympanoplasty
Tympanogram 95.41
Tympanomastoidectomy 20.42
Tympanoplasty (type I) (with graft) 19.4
with
air pocket over round window 19.54
fenestra in semicircular canal 19.55
graft against
incus or malleus 19.52
mobile and intact stapes 19.53
incudostapediopexy 19.52
epitympanic, type I <u>19.4</u>
revision 19.6
type
II (graft against incus or malleus) 19.52
III (graft against mobile and intact
stapes) <u>19.53</u>
IV (air pocket over round window) 19.54
V (fenestra in semicircular canal) 19.55
Tympanosympathectomy 20.91
Tympanotomy 20.09
with intubation 20.01

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Uchida operation (tubal ligation with or	UltrasoundCont.
without fimbriectomy) <u>66.32</u>	therapeutic
UFR (uroflowmetry) 89.24	head <u>00.01</u>
Ultrafiltration 99.78	heart 00.02
hemodiafiltration 39.95	neck 00.01
hemodialysis (kidney) 39.95	other therapeutic ultrasound 00.09
removal, plasma water 99.78	peripheral vascular vessels 00.03
therapeutic plasmapheresis 99.71	vessels of head and neck 00.01
Ultrasonography	therapy 93.35
abdomen <u>88.76</u>	Umbilectomy <u>54.3</u>
aortic arch 88.73	Unbridling
biliary tract 88.74	blood vessel, peripheral 39.91
breast <u>88.73</u>	celiac artery axis <u>39.91</u>
deep vein thrombosis 88.77	Uncovering see Incision, by site
digestive system <u>88.74</u>	Undercutting
eye <u>95.13</u>	hair follicle <u>86.09</u>
head and neck <u>88.71</u>	perianal tissue <u>49.02</u>
heart 88.72	Unroofing see also Incision, by site
intestine <u>88.74</u>	external
intravascular - see Ultrasound, intra-	auditory canal 18.02
vascular (IVUS)	ear NEC 18.09
lung <u>88.73</u>	kidney cyst 55.39
midline shift, brain 88.71	UPP (urethral pressure profile) 89.25
multiple sites 88.79	Upper GI series (x-ray) <u>87.62</u>
peripheral vascular system <u>88.77</u>	<b>UPPP</b> (uvulopalatopharyngoplasty) 27.69 [29.4]
retroperitoneum <u>88.76</u>	Uranoplasty (for cleft palate repair) 27.62
thorax NEC <u>88.73</u>	<b>Uranorrhaphy</b> (for cleft palate repair) <u>27.62</u>
therapeutic - see Ultrasound	Uranostaphylorrhaphy <u>27.62</u>
total body <u>88.79</u>	Urban operation(mastectomy)(unilateral) 85.47
urinary system <u>88.75</u>	bilateral <u>85.48</u>
uterus <u>88.79</u>	Ureterectomy <u>56.40</u>
gravid <u>88.78</u>	with nephrectomy <u>55.51</u>
Ultrasound	partial 56.41
diagnostic see Ultrasonography	total <u>56.42</u>
fragmentation (of)	Ureterocecostomy <u>56.71</u>
cataract (with aspiration) 13.41	Ureterocelectomy <u>56.41</u>
urinary calculus, stones (Kock pouch)	Ureterocolostomy 56.71
59.95	Ureterocystostomy <u>56.74</u>
heart	Ureteroenterostomy 56.71
intracardiac (heart chambers)(ICE)37.28	Ureteroileostomy (internal diversion) 56.71
intravascular (coronary vessels)(IVUS)	
00.24	external diversion <u>56.51</u>
	Ureterolithotomy <u>56.2</u>
non-invasive 88.72	Ureterolysis <u>59.02</u>
inner ear <u>20.79</u>	with freeing or repositioning of ureter <u>59.02</u>
intravascular (IVUS) <u>00.29</u>	laparoscopic <u>59.03</u>
aorta <u>00.22</u>	Ureteroneocystostomy <u>56.74</u>
aortic arch <u>00.22</u>	Ureteropexy 56.85
cerebral vessel, extracranial <u>00.21</u>	Ureteroplasty <u>56.89</u>
coronary vessel <u>00.24</u>	Ureteroplication <u>56.89</u>
intrathoracic vessel <u>00.22</u>	Ureteroproctostomy <u>56.71</u>
other specified vessel <u>00.28</u>	Ureteropyelography (intravenous) (diuretic
peripheral vessel <u>00.23</u>	infusion) 87.73
renal vessel <u>00.25</u>	percutaneous 87.75
vena cava (inferior) (superior) 00.22	retrograde 87.74



Ureteropyeloplasty 55.87	Urethrolithotom
Ureteropyelostomy <u>55.86</u>	Urethrolysis 58.
Ureterorrhaphy <u>56.82</u>	Urethropexy 58.
Ureteroscopy <u>56.31</u>	anterior <u>59.79</u>
with biopsy <u>56.33</u>	Urethroplasty <u>5</u>
Ureterosigmoidostomy <u>56.71</u>	augmentation
Ureterostomy (cutaneous) (external) (tube)	collagen impla
<u>56.61</u>	fat implant <u>59</u>
closure <u>56.83</u>	injection (endo
ileal <u>56.51</u>	<u>59.72</u>
Ureterotomy <u>56.2</u>	polytef implan
Ureteroureterostomy (crossed) 56.75	Urethrorrhaphy
lumbar <u>56.41</u>	Urethroscopy 5
resection with end-to-end anastomosis	for control of
<u>56.41</u>	perineal <u>58.21</u>
spatulated <u>56.41</u>	Urethrostomy (p
Urethral catheterization, indwelling <u>57.94</u>	Urethrotomy (e)
Urethral pressure profile (UPP) 89.25	internal (endo
<b>Urethrectomy</b> (complete) (partial) (radical)	Uroflowmetry (l
<u>58.39</u>	<b>Urography</b> (ante
with	(intravenous
complete cystectomy <u>57.79</u>	retrograde <u>87</u>
pelvic exenteration <u>68.8</u>	<b>Uteropexy</b> (abdo
radical cystectomy <u>57.71</u>	approach) <u>69</u>
<b>Urethrocystography</b> (retrograde)(voiding)	UVP (uvulopalato
<u>87.76</u>	Uvulectomy 27.
Urethrocystopexy (by) 59.79	Uvulopalatopha
levator muscle sling <u>59.71</u>	[29.4]
retropubic suspension 59.5	Uvulotomy <u>27.7</u>
suprapubic suspension <u>59.4</u>	

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1y <u>58.0</u>
.<u>5</u>
.49
8.49
59.79
nt 59.72
.72
oscopic) of implant into urethra
nt 59.72
58.41
hemorrhage of prostate 60.94
perineal) <u>58.0</u>
kternal) 58.0
scopic) <u>58.5</u>
JFR) 89.24
egrade) (excretory)
87.73
.74
ominal approach) (vaginal
9.22
opharyngoplasty) 27.69 [29.4]
ryngoplasty (UPPP) 27.69
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Vaccination (prophylactic) (against) 99.59	VagotomyCont.
anthrax <u>99.55</u>	Holle's <u>44.02</u>
brucellosis 99.55	proxim <mark>al 44.02</mark>
cholera 99.31	truncal <u>44.01</u>
common cold 99.51	Valvotomy see Valvulotomy
disease NEC <u>99.55</u>	Valvulectomy, heartsee Valvuloplasty, heart
arthropod-borne viral NEC 99.54	Valvuloplasty
encephalitis, arthropod-borne viral 99.53	heart (open heart technique) (without valve
German measles <u>99.47</u>	replacement) <u>35.10</u>
hydrophobia <u>99.44</u>	with prosthesis or tissue graft
infectious parotitis <u>99.46</u>	see Replacement, heart, valve, by site
influenza <u>99.52</u>	aortic valve <u>35.11</u>
measles <u>99.45</u>	percutaneous (balloon) <u>35.96</u>
mumps <u>99.46</u>	combined with repair of atrial and
paratyphoid fever <u>99.32</u>	ventricular septal defects see
pertussis <u>99.37</u>	Repair, endocardial cushion defect
plague <u>99.34</u>	mitral valve <u>35.12</u>
poliomyelitis <u>99.41</u>	percutaneous (balloon) <u>35.96</u>
rabies <u>99.44</u>	pulmonary valve <u>35.13</u>
Rocky Mountain spotted fever 99.55	in total repair of tetralogy of Fallot
rubella <u>99.47</u>	<u>35.81</u>
rubeola <u>99.45</u>	percutaneous (balloon) <u>35.96</u>
smallpox <u>99.42</u>	tricuspid valve <u>35.14</u>
Staphylococcus 99.55	Valvulotomy
Streptococcus 99.55	heart (closed heart technique) (transatrial)
tuberculosis 99.33	(transventricular) 35.00
tularemia 99.35	aortic valve 35.01
tumor <u>99.28</u>	mitral valve 35.02
typhoid <u>99.32</u>	open heart technique see Valvuloplasty,
typhus <u>99.55</u>	heart
undulant fever 99.55	pulmonary valve 35.03
yellow fever 99.43	in total repair of tetralogy of Fallot
Vacuum extraction, fetal head 72.79	35.81
with episiotomy 72.71	tricuspid valve 35.04
VAD (vascular access device) - see Implant,	Varicocelectomy, spermatic cord 63.1
heart assist system	Varicotomy, peripheral vessels(lower limb) 38.59
<b>Vagectomy</b> (subdiaphragmatic) see also Vagotomy <u>44.00</u>	upper limb <u>38.53</u>
Vaginal douche 96.44	Vascular closure, percutaneous puncture
Vaginectomy 70.4	- omit code
Vaginofixation 70.77	Vascularization see Revascularization
Vaginoperineotomy 70.14	Vasectomy (complete) (partial) 63.73
Vaginoplasty 70.79	Vasogram 87.94
Vaginorrhaphy 70.71	Vasoligation 63.71
obstetrical 75.69	gastric 38.86
Vaginoscopy 70.21	Vasorrhaphy <u>63.81</u>
Vaginotomy 70.14	Vasostomy <u>63.6</u>
for	Vasotomy 63.6
culdocentesis 70.0	Vasotripsy <u>63.71</u>
pelvic abscess 70.12	Vasovasostomy 63.82
Vagotomy (gastric) 44.00	Vectorcardiogram (VCG) (with ECG) 89.53
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