

## **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 imaging (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

Anti-restenotic ultrasound

Intravascular non-ablative ultrasound

Excludes: diagnostic ultrasound of peripheral vascular system (88.77)

ultrasonic angioplasty of:

non-coronary vessel (39.50)

00.09 Other therapeutic ultrasound

Excludes: ultrasonic:

fragmentation of urinary stones (59.95)

percutaneous nephrostomy with fragmentation (55.04)

physical therapy (93.35)

transurethral guided laser induced prostatectomy (TULIP) (60.21)

00.1 Pharmaceuticals

00.10 Implantation of chemotherapeutic agent

Brain wafer chemotherapy

Interstitial/ intracavitary

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

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  
Includes: during induction phase of solid organ transplantation  
monoclonal antibody therapy  
polyclonal antibody therapy
- 00.19 Disruption of blood brain barrier via infusion [BBBD]  
Infusion of substance to disrupt blood brain barrier  
Code also chemotherapy (99.25)  
Excludes: other perfusion (39.97)

- 00.2 Intravascular imaging of blood vessels  
Endovascular ultrasonography  
Intravascular ultrasound (IVUS)  
Intravascular [ultrasound] imaging of blood vessels  
Virtual histology intravascular ultrasound [VH-IVUS]

Note: real-time imaging of lumen of blood vessel(s) using sound waves

Code also any synchronous diagnostic or therapeutic procedures

Excludes: 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)  
intravascular imaging of vessel(s) by OCT (38.24-38.25)  
magnetic resonance imaging (MRI) (88.91-88.97)  
therapeutic ultrasound (00.01-00.09)

- 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)  
Excludes: diagnostic ultrasound (non-invasive) of other sites of thorax (88.73)

- 00.23 Intravascular imaging of peripheral vessels  
Imaging of:  
vessels of arm(s)

vessels of leg(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  
That without the use of robotic(s) technology

Code also diagnostic or therapeutic procedure

Excludes: robotic assisted procedures (17.41-17.49)  
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 (00.61-00.62, 00.66, 39.50)  
atherectomy (17.53-17.56)  
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 imaging 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

00.49 SuperSaturated oxygen therapy  
Aqueous oxygen (AO) therapy  
SSO<sub>2</sub>  
SuperOxygenation infusion therapy

Code also any: 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)  
open chest coronary artery angioplasty (36.03)  
other removal of coronary obstruction (36.09)  
percutaneous transluminal coronary angioplasty [PTCA] (00.66)  
procedure on vessel bifurcation (00.44)  
transluminal coronary atherectomy (17.55)

Excludes: other oxygen enrichment (93.96)  
other perfusion (39.97)

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 generator 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]  
BiV 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 generator 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 stent(s) of other peripheral vessel(s)  
Endograft(s)  
Endovascular graft(s)  
Stent grafts

Code also any:

angioplasty of other non-coronary vessel(s) (39.50)  
atherectomy of other non-coronary vessel(s) (17.56)  
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 drug-eluting stent(s) of superficial femoral artery (00.60)  
insertion of non-drug-eluting stent(s):  
coronary artery (36.06)  
peripheral vessel (39.90)  
that for other endovascular procedure (39.71-39.79)

00.56 Insertion or replacement of implantable pressure sensor with lead for intracardiac or great  
vessel hemodynamic monitoring

Note: The sensor is physically connected by a lead to a separately implanted monitor.

Code also any associated implantation or replacement of subcutaneous monitor (00.57)

Excludes: circulatory monitoring (blood gas, arterial or venous pressure, cardiac output and  
coronary blood flow) (89.60-89.69)  
insertion of implantable pressure sensor without lead for intracardiac or great vessel  
hemodynamic monitoring (38.26)

00.57 Implantation or replacement of subcutaneous device for intracardiac or great vessel  
hemodynamic monitoring  
Implantation of monitoring device with formation of subcutaneous pocket and  
connection to intracardiac pressure sensor via lead

Code also any associated insertion or replacement of implanted pressure sensor with lead  
(00.56)

00.58 Insertion of intra-aneurysm sac pressure monitoring device (intraoperative)  
Insertion of pressure sensor during endovascular repair of abdominal or thoracic aortic  
aneurysm(s)

00.59 Intravascular pressure measurement of coronary arteries  
Includes: fractional flow reserve (FFR)

Code also any synchronous diagnostic or therapeutic procedures

Excludes: intravascular pressure measurement of intrathoracic arteries (00.67)

00.6 Procedures on blood vessels

00.60 Insertion of drug-eluting stent(s) of superficial femoral artery

Code also any:

- angioplasty of other non-coronary vessel(s) (39.50)
- atherectomy of other non-coronary vessel(s) (17.56)
- non-drug-eluting peripheral stents (39.90)
- 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 stent(s) of other peripheral vessel (00.55)
- that for other endovascular procedure (39.71-39.79)

00.61 Percutaneous angioplasty of extracranial vessel(s)

- Carotid
- Vertebral

Code also any:

- injection or infusion of thrombolytic agent (99.10)
- number of vascular stents inserted (00.45-00.48)
- number of vessels treated (00.40-00.43)
- percutaneous atherectomy of extracranial vessel(s) (17.53)
- percutaneous insertion of carotid artery stent(s) (00.63)
- percutaneous insertion of other intracranial artery stent(s) (00.64)
- procedure on vessel bifurcation (00.44)

Excludes: angioplasty of other non-coronary vessel(s) (39.50)

- atherectomy of other non-coronary vessel(s) (17.56)

- 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 of intracranial vessel(s)

- Basilar artery
- Intracranial portion of vertebral artery

Code also any:

- injection or infusion of thrombolytic agent (99.10)
- number of vascular stents inserted (00.45-00.48)
- number of vessels treated (00.40-00.43)
- percutaneous atherectomy of intracranial vessel(s) (17.54)
- percutaneous insertion of intracranial stent(s) (00.65)
- procedure on vessel bifurcation (00.44)

Excludes: angioplasty of other non-coronary vessel(s) (39.50)

- atherectomy of other non-coronary vessel(s) (17.56)

- 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 any:

- number of vascular stents inserted (00.45-00.48)
- number of vessels treated (00.40-00.43)
- percutaneous angioplasty of extracranial vessel(s) (00.61)
- percutaneous atherectomy of extracranial vessel(s) (17.53)
- procedure on vessel bifurcation (00.44)

Excludes: angioplasty of other non-coronary vessel(s) (39.50)  
atherectomy of other non-coronary vessel(s) (17.56)  
insertion of coil-retention or embolization stent (39.72)  
insertion of drug-eluting peripheral vessel stent(s) (00.55)

00.64 Percutaneous insertion of other extracranial artery stent(s)  
Includes: the use of any embolic protection device, distal protection device, filter device, or stent delivery system  
Vertebral stent

Code also any:

number of vascular stents inserted (00.45-00.48)  
number of vessels treated (00.40-00.43)  
percutaneous angioplasty of extracranial vessel(s) (00.61)  
percutaneous atherectomy of extracranial vessel(s) (17.53)  
procedure on vessel bifurcation (00.44)

Excludes: angioplasty of other non-coronary vessel(s) (39.50)  
atherectomy of other non-coronary vessel(s) (17.56)  
insertion of coil-retention or embolization stent (39.72)  
insertion of drug-eluting peripheral vessel stent(s) (00.55)

00.65 Percutaneous insertion of intracranial vascular stent(s)  
Basilar stent  
Includes: the use of any embolic protection device, distal protection device, filter device, or stent delivery system

Code also any:

number of vascular stents inserted (00.45-00.48)  
number of vessels treated (00.40-00.43)  
percutaneous angioplasty of intracranial vessel(s) (00.62)  
percutaneous atherectomy of intracranial vessel(s) (17.54)  
procedure on vessel bifurcation (00.44)

Excludes: angioplasty of other non-coronary vessel(s) (39.50)  
atherectomy of other non-coronary vessel(s) (17.56)  
insertion of coil-retention or embolization stent (39.72)  
insertion of drug-eluting peripheral vessel stent(s) (00.55)

00.66 Percutaneous transluminal coronary angioplasty [PTCA]  
Balloon angioplasty of coronary artery  
Percutaneous coronary angioplasty NOS  
PTCA NOS

Code also any:

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)  
SuperSaturated oxygen therapy (00.49)  
transluminal coronary atherectomy (17.55)

00.67 Intravascular pressure measurement of intrathoracic arteries  
Assessment of:  
Aorta and aortic arch



Carotid

Code also any synchronous diagnostic or therapeutic procedures

00.68 Intravascular pressure measurement of peripheral arteries

Assessment of:

Other peripheral vessels

Vessels of arm(s)

Vessels of leg(s)

Code also any synchronous diagnostic or therapeutic procedures

00.69 Intravascular pressure measurement, other specified and unspecified vessels

Assessment of

Iliac vessels

Intra-abdominal vessels

Mesenteric vessels

Renal vessels

Code also any synchronous diagnostic or therapeutic procedures

Excludes: intravascular pressure measurement of:

coronary arteries (00.59)

intrathoracic arteries (00.67)

peripheral arteries (00.68)

00.7 Other hip procedures

00.70 Revision of hip replacement, both acetabular and femoral components

Total hip revision

Code also any:

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

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

Excludes:

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 only (00.73)

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 bearing surface, metal-on-polyethylene

00.75 Hip bearing surface, metal-on-metal

00.76 Hip bearing surface, ceramic-on-ceramic

00.77 Hip bearing surface, ceramic-on-polyethylene  
Hip bearing surface, oxidized zirconium-on-polyethylene

00.8 Other knee and hip procedures

Note: 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

Excludes:

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  
Hip resurfacing arthroplasty, total

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  
Hip resurfacing arthroplasty, partial, acetabulum  
Excludes: that with resurfacing of femoral head (00.85)
- 00.9 Other 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
  - 00.94 Intra-operative neurophysiologic monitoring  
Includes: Cranial nerve, peripheral nerve and spinal cord testing performed intra-operatively  
Intra-operative neurophysiologic testing  
IOM  
Nerve monitoring  
Neuromonitoring  
That by:  
brainstem auditory evoked potentials [BAEP]  
electroencephalogram [EEG]  
electromyogram [EMG]  
motor evoked potentials [MEP]  
nerve conduction study  
somatosensory evoked potentials [SSEP]  
transcranial Doppler  
Excludes: brain temperature monitoring (01.17)  
intracranial oxygen monitoring (01.16)  
intracranial pressure monitoring (01.10)  
plethysmogram (89.58)

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

- 01 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

- 01.10 Intracranial pressure monitoring  
Includes: insertion of catheter or probe for monitoring
- 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
- 01.16 Intracranial oxygen monitoring  
Includes: insertion of catheter or probe for monitoring  
Partial pressure of brain oxygen (PbtO<sub>2</sub>)
- 01.17 Brain temperature monitoring  
Includes: insertion of catheter or probe for monitoring
- 01.18 Other diagnostic procedures on brain and cerebral meninges

Excludes: brain temperature monitoring (01.17)

cerebral:

- arteriography (88.41)
- thermography (88.81)
- contrast radiogram of brain (87.01-87.02)
- echoencephalogram (88.71)
- electroencephalogram (89.14)
- intracranial oxygen monitoring (01.16)
- intracranial pressure monitoring (01.10)
- 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)

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

01.20 Cranial implantation or replacement of neurostimulator pulse generator

Code also any associated lead implantation (02.93)

Excludes: implantation or replacement of subcutaneous neurostimulator pulse generator (86.94-86.98)

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)

01.29 Removal of cranial neurostimulator pulse generator

01.3 Incision of brain and cerebral meninges

01.31 Incision of cerebral meninges

Drainage of:

intracranial hygroma

subarachnoid abscess (cerebral)

subdural empyema

01.32 Lobotomy and tractotomy

Division of:

brain tissue

- cerebral tracts
  - Percutaneous (radiofrequency) cingulotomy
- 01.39 Other incision of brain
  - Amygdalohippocampotomy
  - 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
    - Amygdalohippocampectomy
    - Curettage of brain
    - Debridement of brain
    - Marsupialization of brain cyst
    - Transtemporal (mastoid) excision of brain tumor

Excludes: biopsy of brain (01.13-01.14)

laser interstitial thermal therapy [LITT] of lesion or tissue of brain under guidance (17.61)

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 Repair of cerebral meninges

Excludes: 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 Ventriculostomy

02.21 Insertion or replacement of external ventricular drain [EVD]  
External ventricular drainage [EVD] setup  
Replacement of external ventricular drain  
Ventricular catheter placement for:  
drainage of cerebrospinal fluid [CSF]  
injection of medication or other substance  
sampling of cerebrospinal fluid [CSF]

Excludes: extracranial ventricular shunt (02.31-02.35, 02.39)  
intracranial ventricular shunt (02.22)  
other cranial puncture (01.09)  
ventricular shunt replacement (02.41-02.43)

- 02.22 Intracranial ventricular shunt or anastomosis
  - Anastomosis of ventricle to:
    - cervical subarachnoid space
    - cisterna magna
  - Insertion of Holter valve into intracranial system
  - Shunt between two intracranial ventricles
  - That by endoscopy
  - Third ventriculostomy
  - Ventriculocisternostomy

### 02.3 Extracranial ventricular shunt

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 Ventricular shunt to extracranial site NEC
  - Ventricle to bone marrow shunt

### 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
  - 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 pegs
- electroencephalographic receiver
- foramen ovale electrodes
- intracranial electrostimulator
- subdural grids
- subdural strips

Code also any:

- insertion of cranial implantation or replacement of neurostimulator pulse generator (01.20)

- insertion of subcutaneous neurostimulator pulse generator (86.94-86.98)

02.94 Insertion or replacement of skull tongs or halo traction device

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

Code also any synchronous insertion, replacement and revision of posterior spinal motion preservation device(s), if performed (84.80-84.85)

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 dye

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)

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: percutaneous vertebral augmentation (81.66)

percutaneous vertebroplasty (81.65)

03.59 Other repair and plastic operations on spinal cord structures

Repair of:

diastatomyelia

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 Operations on cranial and peripheral nerves
  - 04.0 Incision, division, and excision of cranial and peripheral nerves  
Excludes: opticociliary neurectomy (12.79)  
sympathetic ganglionectomy (05.21-05.29)
    - 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

- 04.05 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)
- 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:
    - cryoanalgesia
    - 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)
    - Code also any insertion of neurostimulator pulse generator (86.94-86.98)
    - Excludes: implantation or replacement of carotid sinus stimulation lead(s) (39.82)
  - 04.93 Removal of peripheral neurostimulator lead(s)
    - Code also any removal of neurostimulator pulse generator (86.05)
  - 04.99 Other
- 05 Operations on sympathetic nerves or ganglia
  - Excludes: paracervical uterine denervation (69.3)
  - 05.0 Division of sympathetic nerve or ganglion
    - Excludes: that of nerves to adrenal glands (07.42)
  - 05.1 Diagnostic 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 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)
    - Excludes: opticociliary neurectomy (12.79)

periarterial sympathectomy (05.25)  
    tympanosympathectomy (20.91)

05.3    Injection into sympathetic nerve or ganglion

Excludes:    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

    05.81    Repair of sympathetic nerve or ganglion

    05.89    Other

05.9    Other operations on nervous system

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

06        Operations on thyroid and parathyroid glands

Includes:    incidental resection of hyoid 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)
    - laser interstitial thermal therapy [LITT] of lesion or tissue of neck under guidance (17.62)
  - 06.39 Other
    - Isthmectomy
    - Partial thyroidectomy NOS
    - Excludes: partial substernal thyroidectomy (06.51)
- 06.4 Complete thyroidectomy
  - Excludes: complete substernal thyroidectomy (06.52)
  - that with laryngectomy (30.3-30.4)
- 06.5 Substernal thyroidectomy
  - 06.50 Substernal thyroidectomy, not otherwise specified
  - 06.51 Partial substernal thyroidectomy
  - 06.52 Complete substernal thyroidectomy
- 06.6 Excision of lingual thyroid
  - Excision of thyroid by:
    - submental route
    - transoral 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 Division of thyroid isthmus

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
- thymus

Excludes: operations on:

- aortic and carotid bodies (39.89)
- 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 (gland) (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  
Adrenotomy (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 Operations 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  
Pinelectomy (complete) (total)
- 07.59 Other operations on pineal gland
- 07.6 Hypophysectomy
- 07.61 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  
Cryohypophysectomy, complete transfrontal approach

07.65 Total excision of pituitary gland, transsphenoidal approach

07.68 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)

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 Other partial excision of thymus  
Open partial excision of thymus

Excludes: biopsy of thymus (07.16)  
thoroscopic partial excision of thymus (07.83)

07.82 Other total excision of thymus  
Open total excision of thymus

Excludes: thoroscopic total excision of thymus (07.84)

07.83 Thoroscopic partial excision of thymus

Excludes: other partial excision of thymus (07.81)

07.84 Thoroscopic total excision of thymus

Excludes: other total excision of thymus (07.82)

07.9 Other operations on thymus

07.91 Exploration of thymus field

Excludes: exploration with incision of thymus (07.92)

07.92 Other incision of thymus  
Open incision of thymus

Excludes: thoroscopic incision of thymus (07.95)

- 07.93 Repair of thymus
- 07.94 Transplantation of thymus
- 07.95 Thoracoscopic incision of thymus
- Excludes: other incision of thymus (07.92)
- 07.98 Other and unspecified thoracoscopic operations on thymus
- 07.99 Other and unspecified operations on thymus  
Transcervical thymectomy
- Excludes: other thoracoscopic operations on thymus (07.98)

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

- 08 Operations on eyelids
- 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 eyelid
  - 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
- 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 eyelid with mucous membrane flap or graft
  - 08.63 Reconstruction of eyelid with hair follicle graft
  - 08.64 Reconstruction of eyelid with tarsoconjunctival flap
    - Transfer of tarsoconjunctival flap from opposing lid
  - 08.69 Other reconstruction of eyelid with flaps or grafts
- 08.7 Other reconstruction of eyelid
 

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 eyelid, 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 eyelid
  - 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
  - 08.87 Upper eyelid rhytidectomy
  - 08.89 Other eyelid repair
- 08.9 Other operations on eyelids
  - 08.91 Electrosurgical epilation of eyelid
  - 08.92 Cryosurgical epilation of eyelid
  - 08.93 Other epilation of eyelid
  - 08.99 Other
- 09 Operations on lacrimal system
- 09.0 Incision of lacrimal gland
  - Incision of lacrimal cyst (with drainage)
- 09.1 Diagnostic procedures on lacrimal system
  - 09.11 Biopsy of lacrimal gland
  - 09.12 Biopsy of lacrimal sac
  - 09.19 Other diagnostic procedures on lacrimal system
  - Excludes: contrast dacryocystogram (87.05)
  - soft tissue x-ray of nasolacrimal duct (87.09)
- 09.2 Excision of lesion or tissue of lacrimal gland
  - 09.20 Excision of lacrimal gland, not otherwise specified
  - 09.21 Excision of lesion of lacrimal gland
  - Excludes: biopsy of lacrimal gland (09.11)
  - 09.22 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
  - Excludes: contrast dacryocystogram (87.05)
  - 09.41 Probing of lacrimal punctum
  - 09.42 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
  - 09.59 Other incision of lacrimal passages  
Incision (and drainage) of nasolacrimal duct NOS
- 09.6 Excision of lacrimal sac and passage
  - Excludes: biopsy of lacrimal sac (09.12)
- 09.7 Repair of canaliculus and punctum
  - Excludes: repair of eyelid (08.81-08.89)
  - 09.71 Correction of everted punctum
  - 09.72 Other repair of punctum
  - 09.73 Repair of canaliculus
- 09.8 Fistulization of lacrimal tract to nasal cavity
  - 09.81 Dacryocystorhinostomy [DCR]
  - 09.82 Conjunctivocystorhinostomy  
Conjunctivodacryocystorhinostomy [CDCR]
  - Excludes: that with insertion of tube or stent (09.83)
  - 09.83 Conjunctivorhinostomy with insertion of tube or stent
- 09.9 Other operations on lacrimal system
  - 09.91 Obliteration of lacrimal punctum
  - 09.99 Other
- 10 Operations on conjunctiva

10.0 Removal of embedded foreign body from conjunctiva by incision

Excludes: removal of:

embedded foreign body without incision (98.22)  
superficial foreign body (98.21)

10.1 Other incision of conjunctiva

10.2 Diagnostic procedures on conjunctiva

10.21 Biopsy of conjunctiva

10.29 Other diagnostic procedures on conjunctiva

10.3 Excision 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

Excludes: excision of lesion (10.31)  
thermocauterization for entropion (08.41)

10.33 Other destructive procedures on conjunctiva  
Removal of trachoma follicles

10.4 Conjunctivoplasty

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 Lysis of adhesions of conjunctiva and eyelid

Division of symblepharon (with insertion of conformer)

10.6 Repair of laceration of conjunctiva

Excludes: that with repair of sclera (12.81)

10.9 Other operations on conjunctiva

10.91 Subconjunctival injection

10.99 Other

11 Operations on cornea

11.0 Magnetic removal of embedded foreign body from cornea

Excludes: that with incision (11.1)

- 11.1 Incision of cornea
  - Incision of cornea for removal of foreign body
- 11.2 Diagnostic procedures on cornea
  - 11.21 Scraping of cornea for smear or culture
  - 11.22 Biopsy of cornea
  - 11.29 Other diagnostic procedures on cornea
- 11.3 Excision of pterygium
  - 11.31 Transposition of pterygium
  - 11.32 Excision of pterygium with corneal graft
  - 11.39 Other excision of pterygium
- 11.4 Excision 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)
- 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
      - cryotherapy
      - 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
- 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 iridotaxis

- 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)
- 12.67 Insertion of aqueous drainage device
  - Anterior chamber drainage device
  - Aqueous drainage shunt or stent
  - Eye valve implant
  - Filtration canal shunt or device
- 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  
Erysiphake extraction of cataract  
Extraction of lens NOS

13.2 Extracapsular extraction of lens by linear extraction technique

Code also any synchronous insertion of pseudophakos (13.71)

13.3 Extracapsular extraction of lens by simple aspiration (and irrigation) technique  
Irrigation of traumatic cataract

Code also any synchronous insertion of pseudophakos (13.71)

13.4 Extracapsular extraction of lens by fragmentation and aspiration technique

Code also any synchronous insertion of pseudophakos (13.71)

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 Dissection 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 type
- 14.59 Other

#### 14.6 Removal of surgically implanted material from posterior segment of eye

- 14.7 Operations 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 globe
  - 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 eyeball

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 eyeball

16.21 Ophthalmoscopy

16.22 Diagnostic aspiration of orbit

16.23 Biopsy of eyeball 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 eye (90.21-90.29)  
objective functional tests of eye (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 eyeball

16.41 Enucleation of eyeball with synchronous implant into Tenon's capsule with attachment of muscles  
Integrated implant of eyeball

16.42 Enucleation of eyeball with other synchronous implant

16.49 Other enucleation of eyeball  
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 eyeball
 

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 eyeball
 

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:
    - eye 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

### **3A. OTHER MISCELLANEOUS DIAGNOSTIC AND THERAPEUTIC PROCEDURES (17)**

17 Other miscellaneous procedures

17.1 Laparoscopic unilateral repair of inguinal hernia

Excludes: other and open unilateral repair of hernia (53.00-53.05)

17.11 Laparoscopic repair of direct inguinal hernia with graft or prosthesis

Laparoscopic repair of direct and indirect inguinal hernia with graft or prosthesis

17.12 Laparoscopic repair of indirect inguinal hernia with graft or prosthesis

17.13 Laparoscopic repair of inguinal hernia with graft or prosthesis, not otherwise specified

17.2 Laparoscopic bilateral repair of inguinal hernia

Excludes: other and open bilateral repair of hernia (53.10-53.17)

17.21 Laparoscopic bilateral repair of direct inguinal hernia with graft or prosthesis

17.22 Laparoscopic bilateral repair of indirect inguinal hernia with graft or prosthesis

17.23 Laparoscopic bilateral repair of inguinal hernia, one direct and one indirect, with graft or prosthesis

17.24 Laparoscopic bilateral repair of inguinal hernia with graft or prosthesis, not otherwise specified

17.3 Laparoscopic partial excision of large intestine

Excludes: other and open partial excision of large intestine (45.71-45.79)

17.31 Laparoscopic multiple segmental resection of large intestine

17.32 Laparoscopic cecectomy

17.33 Laparoscopic right hemicolectomy

17.34 Laparoscopic resection of transverse colon

17.35 Laparoscopic left hemicolectomy

17.36 Laparoscopic sigmoidectomy

17.39 Other laparoscopic partial excision of large intestine

17.4 Robotic assisted procedures

Computer assisted robotic surgery

Computer-enhanced robotic surgery

Robotic procedure with computer assistance

Surgeon-controlled robotic surgery

Code first primary procedure

Excludes: computer assisted surgery (00.31-00.35, 00.39)

Note: This category includes use of a computer console with (3-D) imaging, software, camera(s), visualization and instrumentation *combined* with the use of robotic arms, device(s), or system(s) at the time of the procedure.

- 17.41 Open robotic assisted procedure  
Robotic assistance in open procedure
- 17.42 Laparoscopic robotic assisted procedure  
Robotic assistance in laparoscopic procedure
- 17.43 Percutaneous robotic assisted procedure  
Robotic assistance in percutaneous procedure
- 17.44 Endoscopic robotic assisted procedure  
Robotic assistance in endoscopic procedure
- 17.45 Thoracoscopic robotic assisted procedure  
Robotic assistance in thoracoscopic procedure
- 17.49 Other and unspecified robotic assisted procedure  
Robotic assistance in other and unspecified procedure

Excludes: endoscopic robotic assisted procedure (17.44)  
laparoscopic robotic assisted procedure (17.42)  
open robotic assisted procedure (17.41)  
percutaneous robotic assisted procedure (17.43)  
thoracoscopic robotic assisted procedure (17.45)

#### 17.5 Additional cardiovascular procedures

- 17.51 Implantation of rechargeable cardiac contractility modulation [CCM], total system

Note: Device testing during procedure - *omit code*

Implantation of CCM system includes formation of pocket, transvenous leads, including placement of leads, placement of catheter into left ventricle, intraoperative procedures for evaluation of lead signals, obtaining sensing threshold measurements, obtaining defibrillator threshold measurements.

Includes: implantation of device with removal of existing device

Code also any concomitant:

coronary bypass (36.10-36.19)  
extracorporeal circulation (39.61)  
insertion or replacement of automatic cardioverter/defibrillator, total system [AICD] (37.94)

Excludes: implantation of CCM pulse generator only (17.52)

- 17.52 Implantation or replacement of cardiac contractility modulation [CCM] rechargeable pulse generator only

Note: Device testing during procedure - *omit code*

Implantation of CCM device with removal of any existing CCM device

Code also any concomitant:

revision of device pocket (37.79)  
revision of lead [electrode] (37.75)

- 17.53 Percutaneous atherectomy of extracranial vessel(s)  
Directional atherectomy  
Excimer laser atherectomy  
Rotational atherectomy

That by laser  
That by transluminal extraction

Code also any:

injection or infusion of thrombolytic agent (99.10)  
number of vascular stents inserted (00.45-00.48)  
number of vessels treated (00.40-00.43)  
percutaneous insertion of carotid artery stent(s) (00.63)  
percutaneous insertion of other extracranial artery stent(s) (00.64)  
procedure on vessel bifurcation (00.44)

Excludes: angioplasty of other non-coronary vessel(s) (39.50)  
atherectomy of intracranial vessel(s) (17.54)  
atherectomy of other non-coronary vessel(s) (17.56)  
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)

17.54 Percutaneous atherectomy of intracranial vessel(s)  
Directional atherectomy  
Excimer laser atherectomy  
Rotational atherectomy  
That by laser  
That by transluminal extraction

Code also any:

injection or infusion of thrombolytic agent (99.10)  
number of vascular stents inserted (00.45-00.48)  
number of vessels treated (00.40-00.43)  
percutaneous insertion of intracranial vascular stent(s) (00.65)  
procedure on vessel bifurcation (00.44)

Excludes: angioplasty of other non-coronary vessel(s) (39.50)  
atherectomy of extracranial vessel(s) (17.53)  
atherectomy of non-coronary vessel(s) (17.56)  
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)

17.55 Transluminal coronary atherectomy  
Directional atherectomy  
Excimer laser atherectomy  
Rotational atherectomy  
That by laser  
That by percutaneous approach  
That by transluminal extraction

Code also any:

injection or infusion of thrombolytic agent (99.10)  
insertion of coronary artery stent (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)  
SuperSaturated oxygen therapy (00.49)  
transluminal coronary angioplasty (00.66)

17.56 Atherectomy of other non-coronary vessel(s)  
Percutaneous transluminal atherectomy of:  
lower extremity vessels  
mesenteric artery  
renal artery

upper extremity vessels  
Includes:  
Directional atherectomy  
Excimer laser atherectomy  
Rotational atherectomy  
That by laser  
That by transluminal extraction

Code also any:

injection or infusion of thrombolytic agent (99.10)  
insertion of drug-eluting peripheral vessel stent (00.55)  
insertion of non-drug-eluting peripheral vessel stent(s) or stent graft(s) (39.90)  
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 angioplasty of extracranial or intracranial vessel(s) (00.61-00.62)  
percutaneous angioplasty of other non-coronary vessel(s) (39.50)  
percutaneous atherectomy of extracranial vessel(s) (17.53)  
percutaneous atherectomy of intracranial vessel(s) (17.54)

17.6 Laser interstitial thermal therapy [LITT] under guidance

Focused laser interstitial thermal therapy [f-LITT] under MRI guidance  
MRI-guided LITT

17.61 Laser interstitial thermal therapy [LITT] of lesion or tissue of brain under guidance  
Focused laser interstitial thermal therapy [f-LITT] under MRI guidance  
MRI-guided LITT of lesion or tissue of brain

Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of head under guidance  
(17.62)

17.62 Laser interstitial thermal therapy [LITT] of lesion or tissue of head and neck under  
guidance  
Focused laser interstitial thermal therapy [f-LITT] under MRI guidance  
MRI-guided LITT of lesion or tissue of head and neck

Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of brain under guidance  
(17.61)

17.63 Laser interstitial thermal therapy [LITT] of lesion or tissue of liver under guidance  
Focused laser interstitial thermal therapy [f-LITT] under MRI guidance  
MRI-guided LITT of lesion or tissue of liver

17.69 Laser interstitial thermal therapy (LITT) of lesion or tissue of other and unspecified site  
under guidance  
Focused laser interstitial thermal therapy [f-LITT] under MRI guidance  
MRI-guided LITT of lesion or tissue of breast  
MRI-guided LITT of lesion or tissue of lung  
MRI-guided LITT of lesion or tissue of prostate

Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of brain under guidance  
(17.61)  
laser interstitial thermal therapy [LITT] of lesion or tissue of head and neck under  
guidance (17.62)  
laser interstitial thermal therapy [LITT] of lesion or tissue of liver under guidance (17.63)

17.7 Other diagnostic and therapeutic procedures

17.70 Intravenous infusion of clofarabine

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

- 17.71 Non-coronary intra-operative fluorescence vascular angiography [IFVA]  
Intraoperative laser arteriogram  
SPY arteriogram  
SPY arteriography

Excludes: intra-operative coronary fluorescence vascular angiography (88.59)

17.8 Other adjunct procedures

Note: These codes are to be used in conjunction with other therapeutic procedure codes to provide additional information on devices used as part of a procedure.

- 17.81 Insertion of antimicrobial envelope  
Use of anti-microbial (mesh) (prophylactic antibiotics embedded) envelope with the  
insertion of cardiovascular implantable electronic device(s) [CIED]

Code first primary procedure:

Insertion of cardiovascular implantable electronic device(s) [CIED] (00.51, 00.53, 00.54,  
37.94, 37.96, 37.98)

#### 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  
    Amputation 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
- Transcrrural 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
  - graft
- 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
- 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 any:  
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  
Attachment of percutaneous abutment (screw) for prosthetic device  
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 (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:  
graft  
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 (21.5)

21.89 Other repair and plastic operations on nose  
Reattachment of amputated 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-ray:
    - 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 gum (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 jaw  
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 tongue
 

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 any:

  - 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)

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)  
tongue (25.1)  
uvula (27.72)  
fistulectomy of mouth (27.53)  
frenectomy of:  
lip (27.41)  
tongue (25.92)

27.5 Plastic repair of lip and 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)

27.63 Revision of cleft palate repair  
    Secondary:  
        attachment of pharyngeal 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:  
    gum (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 pharynx

29.31 Cricopharyngeal myotomy

Excludes: that with pharyngeal diverticulectomy (29.32)

29.32 Pharyngeal diverticulectomy

29.33 Pharyngectomy (partial)

Excludes: laryngopharyngectomy (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 pharynx

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 pharynx  
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)

- 30      Excision of larynx
- 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 laryngectomy  
          Complete [total] laryngectomy with radical neck dissection (with thyroidectomy) (with synchronous tracheostomy)
- 31      Other operations on larynx and trachea
- 31.0    Injection of larynx  
          Injection of inert material into larynx or vocal cords
- 31.1    Temporary tracheostomy  
          Temporary percutaneous dilatational tracheostomy [PDT]  
          Tracheotomy for assistance in breathing
- Code also any synchronous bronchoscopy, if performed (33.21-33.24, 33.27)
- 31.2    Permanent tracheostomy
  - 31.21    Mediastinal tracheostomy
  - 31.29    Other permanent tracheostomy  
          Permanent percutaneous dilatational tracheostomy [PDT]
- Code also any synchronous bronchoscopy, if performed (33.21-33.24, 33.27)
- 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 larynx
- 31.44 Closed [endoscopic] biopsy of trachea
- 31.45 Open biopsy of larynx or trachea
- 31.48 Other diagnostic procedures on larynx  
Excludes: contrast laryngogram (87.07)  
microscopic examination of specimen from larynx (90.31-90.39)  
soft tissue x-ray of larynx 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)  
laryngotracheal fistulectomy (31.62)  
tracheoesophageal fistulectomy (31.73)
- 31.6 Repair of larynx
  - 31.61 Suture of laceration of larynx
  - 31.62 Closure of fistula of larynx  
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 larynx  
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 larynx and trachea

31.91 Division of laryngeal nerve

31.92 Lysis of adhesions of trachea or larynx

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 larynx

Dilation of larynx

Division of congenital web of larynx

Removal of keel or stent of larynx

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 (98.15)

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

32.20 Thoracoscopic excision of lesion or tissue of lung

Thoracoscopic wedge resection

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  
Excludes: thoracoscopic excision of lesion or tissue of lung (32.20)
- 32.26 Other and unspecified ablation of lung lesion or tissue  
Excludes: bronchoscopic bronchial thermoplasty, ablation of smooth airway muscle (32.27)
- 32.27 Bronchoscopic bronchial thermoplasty, ablation of airway smooth muscle
- 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
  - wedge
 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)
  - laser interstitial thermal therapy [LITT] of lesion or tissue of lung under guidance (17.69)
  - that by endoscopic approach (32.28)
  - thoracoscopic excision of lesion or tissue of lung (32.20)
  - wide excision of lesion of lung (32.3)
- 32.3 Segmental resection of lung  
Partial lobectomy
  - 32.30 Thoracoscopic segmental resection of lung
  - 32.39 Other and unspecified segmental resection of lung  
Excludes: thoracoscopic segmental resection of lung (32.30)
- 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)
  - 32.41 Thoracoscopic lobectomy of lung
  - 32.49 Other lobectomy of lung  
Excludes: thoracoscopic lobectomy of lung (32.41)
- 32.5 Pneumonectomy  
Excision of lung NOS  
Pneumonectomy (with mediastinal dissection)

- 32.50 Thoracoscopic pneumonectomy
- 32.59 Other and unspecified pneumonectomy
  - Excludes: thoracoscopic pneumonectomy (32.50)
- 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
  - 33.20 Thoracoscopic lung biopsy
    - Excludes: closed endoscopic biopsy of lung (33.27)
    - closed [percutaneous] [needle] biopsy of lung (33.26)
    - open biopsy of lung (33.28)
  - 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)
    - Mini-bronchoalveolar lavage [mini-BAL]
    - Transbronchoscopic needle aspiration [TBNA] of bronchus
    - Excludes: closed biopsy of lung, other than brush biopsy of "lung" (33.26, 33.27)
    - whole lung lavage (33.99)
  - 33.25 Open biopsy of bronchus
    - Excludes: open biopsy of lung (33.28)

- 33.26 Closed [percutaneous] [needle] biopsy of lung
  - Fine needle aspiration [FNA] of lung
  - Transthoracic needle biopsy of lung [TTNB]
 Excludes: endoscopic biopsy of lung (33.27)  
 thoracoscopic lung biopsy (33.20)
- 33.27 Closed endoscopic biopsy of lung
  - Fiber-optic (flexible) bronchoscopy with fluoroscopic guidance with biopsy
  - Transbronchial lung biopsy
  - Transbronchoscopic needle aspiration [TBNA] of lung
 Excludes: brush biopsy of "lung" (33.24)  
 percutaneous biopsy of lung (33.26)  
 thoracoscopic lung biopsy (33.20)
- 33.28 Open biopsy of lung
- 33.29 Other diagnostic procedures on lung and bronchus
  - Excludes: bronchoalveolar lavage [BAL] (33.24)
    - contrast bronchogram:
      - endotracheal (87.31)
      - other (87.32)
    - endoscopic pulmonary airway flow measurement (33.72)
    - 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)
- 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] [heart-lung 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] [heart-lung machine] (39.61)

33.7 Other endoscopic procedures in bronchus or lung

Excludes insertion of tracheobronchial stent (96.05)

33.71 Endoscopic insertion or replacement of bronchial valve(s), single lobe  
Endobronchial airflow redirection valve  
Intrabronchial airflow redirection valve

Excludes: endoscopic insertion or replacement of bronchial valve(s), multiple lobes (33.73)

33.72 Endoscopic pulmonary airway flow measurement  
Assessment of pulmonary airway flow

Code also any diagnostic or therapeutic procedure if performed

33.73 Endoscopic insertion or replacement of bronchial valve(s), multiple lobes  
Endobronchial airflow redirection valve  
Intrabronchial airflow redirection valve

Excludes: endoscopic insertion or replacement of bronchial valve(s), single lobe (33.71)

33.78 Endoscopic removal of bronchial device(s) or substances

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 (96.56)  
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)

34 Operations on chest wall, pleura, mediastinum, and diaphragm

Excludes: operations on breast (85.0-85.99)

34.0 Incision of chest wall and pleura

Excludes: 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)

Excludes: thoracoscopic drainage of pleural cavity (34.06)

34.05 Creation of pleuroperitoneal shunt

34.06 Thoracoscopic drainage of pleural cavity  
Evacuation of empyema

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)

34.1 Incision of mediastinum

Code also any biopsy, if performed

Excludes: mediastinoscopy (34.22)  
mediastinotomy associated with pneumonectomy (32.5)

34.2 Diagnostic procedures on chest wall, pleura, mediastinum, and diaphragm

34.20 Thoracoscopic pleural biopsy

34.21 Transpleural thoracoscopy

34.22 Mediastinoscopy

Code also any biopsy, if performed

34.23 Biopsy of chest wall

34.24 Other pleural biopsy

Excludes: thoracoscopic pleural biopsy (34.20)

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: angiocardigraphy (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)

34.5 Pleurectomy

34.51 Decortication of lung

Excludes: thoracoscopic decortication of lung (34.52)

34.52 Thoracoscopic 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  
Thoracoabdominal fistulectomy  
Thoracogastric fistulectomy  
Thoracointestinal 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 any cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

35.0 Closed heart valvotomy or transcatheter replacement of heart valve

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

35.05 Endovascular replacement of aortic valve

Note: Includes that with any balloon valvuloplasty; do not code separately

Implantation of transcatheter aortic valve

Replacement of aortic valve with tissue graft (autograft) (bioprosthetic) (heterograft)  
(homograft):

transarterial approach

transfemoral approach

TAVI (transcatheter aortic valve implantation)

TAVR (transcatheter aortic valve replacement)

Excludes: open and other replacement of heart valve (35.20-35.28)

35.06 Transapical replacement of aortic valve

Note: Includes that with any balloon valvuloplasty; do not code separately

Implantation of transcatheter aortic valve

Replacement of aortic valve with tissue graft (autograft) (bioprosthetic) (heterograft)  
(homograft):

intercostal approach

transventricular approach

That via transthoracic exposure, i.e. thoracotomy, sternotomy, or subxiphoid approach

Excludes: open and other replacement of heart valve (35.20-35.28)

35.07 Endovascular replacement of pulmonary valve

Note: Includes that with any balloon valvuloplasty; do not code separately

Implantation of transcatheter pulmonary valve

PPVI (percutaneous pulmonary valve implantation)

Replacement of pulmonary valve:  
transfemoral approach  
transvenous approach  
That within previously created right ventricle-to pulmonary artery conduit  
TPVI (transcatheter pulmonary valve implantation)

Excludes: open and other replacement of heart valve (35.20-35.28)

35.08 Transapical replacement of pulmonary valve

Note: Includes that with any balloon valvuloplasty; do not code separately

Implantation of transcatheter pulmonary valve  
Replacement of pulmonary valve:  
intercostal approach  
transventricular approach  
That via transthoracic exposure, i.e. thoracotomy, sternotomy, or subxiphoid approach

Excludes: open and other replacement of heart valve (35.20-35.28)

35.09 Endovascular replacement of unspecified heart valve

Note: Includes that with any balloon valvuloplasty; do not code separately

Replacement of valve via:  
intercostal approach  
transventricular approach

Excludes: open and other replacement of heart valve (35.20-35.28)

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 Open and other 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 (35.54, 35.63, 35.73)  
transapical replacement of heart valve (35.06, 35.08)  
transcatheter replacement of heart valve (35.05, 35.07)  
valvular defect associated with atrial and ventricular septal defects (35.54, 35.63, 35.73)

35.20 Open and other replacement of unspecified heart valve

That with tissue graft or prosthetic implant

Excludes: endovascular replacement of unspecified heart valve (35.09)

- 35.21 Open and other replacement of aortic valve with tissue graft  
Includes that by:  
    autograft  
    heterograft  
    homograft  
Excludes: endovascular replacement of aortic valve (35.05)  
    transapical replacement of aortic valve (35.06)
- 35.22 Open and other replacement of aortic valve  
    Replacement of aortic valve, NOS  
    That with prosthetic (partial) (synthetic) (total)  
Excludes: endovascular replacement of aortic valve (35.05)  
    transapical replacement of aortic valve (35.06)
- 35.23 Open and other replacement of mitral valve with tissue graft  
Includes that by:  
    autograft  
    heterograft  
    homograft
- 35.24 Open and other replacement of mitral valve  
    Replacement of mitral valve, NOS  
    That with prosthetic (partial) (synthetic) (total)  
Excludes: percutaneous repair with implant or leaflet clip (35.97)
- 35.25 Open and other replacement of pulmonary valve with tissue graft  
Includes that by:  
    autograft  
    heterograft  
    homograft  
Excludes: endovascular replacement of pulmonary valve (35.07)  
    transapical replacement of pulmonary valve (35.08)
- 35.26 Open and other replacement of pulmonary valve  
    Replacement of pulmonary valve, NOS  
    That with prosthetic (partial) (synthetic) (total)  
Excludes: endovascular replacement of pulmonary valve (35.07)  
    transapical replacement of pulmonary valve (35.08)
- 35.27 Open and other replacement of tricuspid valve with tissue graft  
Includes that by:  
    autograft  
    heterograft  
    homograft
- 35.28 Open and other replacement of tricuspid valve  
    Replacement of tricuspid valve, NOS  
    That with prosthetic (partial) (synthetic) (total)
- 35.3 Operations on structures adjacent to heart valves  
Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (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)
- 35.4 Production 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 machine] (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 with valvular 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 associated 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 machine] (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 with valvular defect (35.73)

35.71 Other and unspecified repair of atrial septal defect

Repair NOS:  
atrial septum  
foramen ovale (patent)  
ostium secundum defect

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)

- 35.96 Percutaneous balloon valvuloplasty  
Balloon dilation of valve

Excludes: endovascular replacement of heart valve (35.05, 35.07)  
mitral valve repair with implant (35.97)  
transapical replacement of heart valve (35.06, 35.08)

- 35.97 Percutaneous mitral valve repair with implant  
Endovascular mitral valve repair  
Implantation of mitral valve leaflet clip  
Transcatheter mitral valve repair

Code also any transesophageal echocardiography [TEE] (88.72)

Excludes: percutaneous balloon valvuloplasty (35.96)

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 any

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 any:

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)

Bare stent(s)

Bonded stent(s)

Drug-coated stent(s), i.e. heparin coated

Endograft(s)

Endovascular graft(s)

Stent grafts

Code also any:

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] (00.66)  
procedure on vessel bifurcation (00.44)  
transluminal coronary atherectomy (17.55)

Excludes: insertion of drug-eluting coronary artery stent(s) (36.07)

36.07 Insertion of drug-eluting coronary artery stent(s)

Endograft(s)

Endovascular graft(s)

Stent graft(s)



Code also any:

- 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] (00.66)
- procedure on vessel bifurcation (00.44)
- transluminal coronary atherectomy (17.55)

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 any:

- 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] (00.66)  
transluminal coronary atherectomy (17.55)

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
      - myocardium
      - 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
    - 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 machine] (39.61)

    - 37.10 Incision of heart, not otherwise specified
      - Cardiolysis NOS
    - 37.11 Cardiotomy
      - Incision of:
        - atrium
        - endocardium

myocardium  
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
  - 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: angiocardiology (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], if performed (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 or incision of heart tissue (cryoablation) (electrocurrent) (laser) (microwave) (radiofrequency) (resection) (ultrasound), open chest approach

Cox-maze procedure

Maze procedure

That by median sternotomy

That by thoracotomy without use of thoracoscope

Excludes: ablation, excision or destruction of lesion or tissue of heart:

endovascular approach (37.34)

thoracoscopic approach (37.37)

excision or destruction of left atrial appendage (LAA) (37.36)

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

Ablation of heart tissue (cryoablation) (electrocurrent) (laser) (microwave)

(radiofrequency) (ultrasound), via peripherally inserted catheter

Modified maze procedure, percutaneous approach

Excludes: ablation, excision or destruction of lesion or tissue of heart:

open approach (37.33)

thoracoscopic approach (37.37)

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)

37.36 Excision, destruction, or exclusion of left atrial appendage (LAA)

Includes: Endovascular approach, minithoracotomy approach, percutaneous approach, subxiphoid approach, or thoracoscopic approach

Clipping of left atrial appendage

Oversewing of left atrial appendage

Stapling of left atrial appendage

That by fastener or suture

Code also any:

concomitant (open) procedure performed

fluoroscopy (87.49)

transesophageal echocardiography (TEE) (88.72)

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

excision or destruction of other lesion or tissue of heart, thoracoscopic approach (37.37)

insertion of left atrial appendage device (37.90)

37.37 Excision or destruction of other lesion or tissue of heart, thoracoscopic approach

Ablation or incision of heart tissue (cryoablation) (electrocautery) (laser) (microwave)

(radiofrequency) (resection) (ultrasound), via thoracoscope  
Modified maze procedure, thoroscopic approach  
That via thoroscopically-assisted approach (without thoracotomy) (with port access) (with sub-xiphoid incision)

Excludes: ablation, excision or destruction of lesion or tissue of heart:  
endovascular approach (37.34)  
open approach (37.33)  
thoroscopic excision or destruction of left atrial appendage [LAA] (37.36)

#### 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 any:  
cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] 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 internal biventricular heart replacement system  
Artificial heart

Note: This procedure includes substantial removal of part or all of the biological heart. Both ventricles are resected, and the native heart is no longer intact. Ventriculectomy is included in this procedure; do not code separately.

Excludes: implantation of heart assist system [VAD] (37.62, 37.65, 37.66, 37.68)

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)

37.55 Removal of internal biventricular heart replacement system  
Explantation of artificial heart

Code also any concomitant procedure, such as:

combined heart-lung transplantation (33.6)  
heart transplantation (37.51)  
implantation of internal biventricular heart replacement system (37.52)

Excludes: explantation [removal] of external heart assist system (37.64)  
explantation [removal] of percutaneous external heart assist device (97.44)  
nonoperative removal of heart assist system (97.44)  
that with replacement or repair of heart replacement system (37.53, 37.54)

37.6 Implantation of heart and circulatory assist system(s)

Excludes: implantation of prosthetic cardiac support system (37.41)

37.60 Implantation or insertion of biventricular external heart assist system  
Temporary cardiac support for both left and right ventricles, inserted in the same operative episode

Includes: open chest (sternotomy) procedure for cannulae attachments

Note: Device (outside the body but connected to heart) with external circulation pump. Ventriculotomy is included; do not code separately.

Excludes: implantation of internal biventricular heart replacement system (artificial heart) (37.52)  
implant of pulsation balloon (37.61)  
insertion of percutaneous external heart assist device (37.68)  
insertion of temporary non-implantable extracorporeal circulatory assist device (37.62)

37.61 Implant of pulsation balloon

37.62 Insertion of temporary non-implantable extracorporeal circulatory assist device  
Insertion of heart assist system, NOS  
Insertion of heart pump

Excludes: implantation of total internal biventricular heart replacement system [artificial heart] (37.52)  
implant of external heart assist system (37.65)  
insertion of implantable extracorporeal heart assist system (37.66)  
insertion of percutaneous external heart assist device (37.68)  
removal of heart assist system (37.64)

Note: Includes: explantation of this device; do not code separately.

37.63 Repair of heart assist system  
Replacement of parts of an existing ventricular assist device (VAD)

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)

37.64 Removal of external heart assist system(s) or device(s)  
Explantation of external device(s) providing left and right ventricular support  
Explantation of single external device and cannulae

Excludes: explantation [removal] of percutaneous external heart assist device (97.44)  
nonoperative removal of heart assist system (97.44)  
temporary non-implantable extracorporeal circulatory assist device (37.62)  
that with replacement of implant (37.63)

37.65 Implant of single ventricular (extracorporeal) external heart assist system  
Insertion of one device into one ventricle

Note: Device (outside the body but connected to heart) with external circulation and pump.

Note: Insertion or implantation of one external VAD for left or right heart support.

Includes: open chest (sternotomy) procedure for cannulae attachments

Excludes: implant of pulsation balloon (37.61)  
implantation of total internal biventricular heart replacement system (37.52)  
insertion of implantable heart assist system (37.66)

insertion of percutaneous external heart assist device (37.68)  
insertion or implantation of two external VADs for simultaneous right and left heart  
support (37.60)  
that without sternotomy (37.62)

- 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.

Note: This device can be used for either destination therapy (DT) or bridge-to-transplant (BTT)

Excludes: implant of pulsation balloon (37.61)  
implantation of total internal biventricular heart replacement 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  
pVAD  
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 (37.78)  
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]  
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 cardiac device 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 pressure 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)

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 single-chamber 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 (36.10-36.19) or CCM, total system (17.51)]

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

Note: Device testing during procedure - omit code

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.

- 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
- 5 other thoracic vessels

- Innominate
- Pulmonary (artery) (vein)
- Subclavian
- Vena cava, superior
- 6 abdominal arteries
  - Celiac
  - Gastric
  - Hepatic
  - Iliac
  - Mesenteric
  - Renal
  - Splenic
  - Umbilical
- Excludes: abdominal aorta (4)
- 7 abdominal veins
  - Iliac
  - Portal
  - Renal
  - Splenic
  - Vena cava (inferior)
- 8 lower limb arteries
  - Femoral (common) (superficial)
  - Popliteal
  - Tibial
- 9 lower limb veins
  - Femoral
  - Popliteal
  - Saphenous
  - Tibial
- 38.0 Incision of vessel
- [0-9]
  - 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
- [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)
- 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: angiography of eye (95.12)

38.23 Intravascular spectroscopy

Includes: spectroscopy of both coronary and peripheral vessels

Intravascular chemography  
Near infrared (NIR) spectroscopy

Excludes: intravascular imaging of:

coronary vessels (00.24, 38.24)  
peripheral vessels (00.23, 38.25)

38.24 Intravascular imaging of coronary vessel(s) by optical coherence tomography [OCT]

38.25 Intravascular imaging of non-coronary vessel(s) by optical coherence tomography [OCT]

Excludes: intravascular imaging of coronary vessel(s) by OCT (38.24)

38.26 Insertion of implantable pressure sensor without lead for intracardiac or great vessel hemodynamic monitoring

Note: The sensor is a standalone device and is not physically connected to a separately implanted monitor.

Leadless pressure sensor not physically connected to a separately implanted monitor  
Single device combination leadless pressure sensor with integral monitor for intracardiac or great vessel (or branch thereof) hemodynamic monitoring  
With or without internal batteries  
Without leads

Excludes: circulatory monitoring (blood gas, arterial or venous pressure, cardiac output and coronary blood flow) (89.60-89.69)

hemodynamic monitoring system with sensor and separately implanted monitor (00.56-00.57)

insertion or replacement of implantable pressure sensor with lead for intracardiac or great vessel hemodynamic monitoring (00.56)

38.29 Other diagnostic procedures on blood vessels

Excludes: blood vessel thermography (88.86)

circulatory monitoring (89.61-89.69)

contrast:

angiocardiology (88.50-88.58)

arteriography (88.40-88.49)

phlebography (88.60-88.67)

impedance phlebography (88.68)

peripheral vascular ultrasonography (88.77)

plethysmogram (89.58)

38.3 Resection of vessel with anastomosis  
[0-9]

Angiectomy

Excision of:

aneurysm (arteriovenous) with anastomosis

blood vessel (lesion) with anastomosis

38.4 Resection of vessel with replacement  
[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
    - Gastric
    - Hepatic
    - Iliac
    - Mesenteric
    - Renal
    - Splenic
    - Umbilical
- Excludes: abdominal aorta (4)
- 7 abdominal veins
    - Iliac
    - Portal
    - Renal
    - Splenic
    - Vena cava (inferior)
  - 8 lower limb arteries
    - Femoral (common) (superficial)
    - Popliteal
    - Tibial
  - 9 lower limb veins
    - Femoral
    - Popliteal
    - Saphenous
    - Tibial

38.5 Ligation and stripping of varicose veins  
[0-3,5,7,9]

Excludes: ligation of varices:  
esophageal (42.91)  
gastric (44.91)

38.6 Other excision of vessel

[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

[0-9]

Clamping of blood vessel  
Division of blood vessel  
Ligation of blood vessel  
Occlusion of blood vessel

Excludes: adrenal vessels (07.43)  
esophageal varices (42.91)  
gastric 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)  
surgical 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)  
that with guidance (electrocardiogram) (fluoroscopy) (ultrasound) (38.97)

38.94 Venous cutdown

38.95 Venous catheterization for renal dialysis

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

38.97 Central venous catheter placement with guidance

Includes guidance by:  
electrocardiogram  
fluoroscopy  
ultrasound

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 of veins (88.60-88.68)  
extracorporeal circulation (39.61, 50.92)  
injection or infusion of:  
sclerosing solution (39.92)  
therapeutic or prophylactic substance (99.11-99.29)  
perfusion (39.96-39.97)  
phlebography (88.60-88.68)  
transfusion (99.01-99.09)

39 Other operations on vessels

Excludes: those on coronary vessels (36.03-36.99)

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 machine] (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 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 any:
      - atherectomy of other non-coronary vessels(s) (17.56)
      - injection or infusion of thrombolytic agent (99.10)
      - insertion of drug-eluting peripheral vessel stent (00.55)
      - insertion of non-drug-eluting peripheral vessel stent(s) or stent grafts(s) (39.90)
      - 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 angioplasty of extracranial or intracranial vessel(s) (00.61-00.62)
    - percutaneous atherectomy of extracranial or intracranial vessel(s) (17.53-17.54)
  - 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  
Aortopulmonary window operation  
Arterioplasty NOS  
Construction of venous valves (peripheral)  
Plication of vein (peripheral)  
Reimplantation of artery

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

Excludes: interruption of the vena cava (38.7)  
reimplantation of renal artery (39.55)  
that with:  
graft (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 procedures on vessel(s)  
Embolization  
Endoluminal repair  
Implantation  
Occlusion  
Removal  
Repair

Excludes: angioplasty of other non-coronary vessel(s) (39.50)  
atherectomy of other non-coronary vessel(s) (17.56)  
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)  
temporary therapeutic partial occlusion of vessel (39.77)

39.71 Endovascular implantation of other graft in abdominal aorta  
Endovascular repair of abdominal aortic aneurysm with graft  
Stent graft(s)

Code also intra-aneurysm sac pressure monitoring (intraoperative) (00.58)

Excludes: endovascular implantation of branching or fenestrated graft in aorta (39.78)

39.72 Endovascular (total) embolization or occlusion of head and neck vessels  
Coil-retention stent

Embolization stent  
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: embolization of head or neck vessels using bare coils (39.75)  
          embolization of head or neck vessels using bioactive coils (39.76)  
          mechanical thrombectomy of pre-cerebral and cerebral vessels (39.74)

39.73 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

Code also intra-aneurysm sac pressure monitoring (intraoperative) (00.58)

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 embolization of head or neck vessel(s) using bare coils  
          (39.75)  
          occlusive endovascular embolization of head or neck vessels(s) using bioactive coils  
          (39.76)  
          open embolectomy or thrombectomy (38.01-38.02)

39.75 Endovascular embolization or occlusion of vessel(s) of head or neck using bare coils  
      Bare metal coils  
      Bare platinum coils [BPC]  
      That for treatment of aneurysm, arteriovenous malformation [AVM] or fistula

39.76 Endovascular embolization or occlusion of vessel(s) of head or neck using bioactive coils  
      Biodegradable inner luminal polymer coils  
      Coil embolization or occlusion utilizing bioactive coils  
      Coils containing polyglycolic acid [PGA]  
      That for treatment of aneurysm, arteriovenous malformation [AVM] or fistula

39.77 Temporary (partial) therapeutic endovascular occlusion of vessel  
      Includes that of aorta  
      That by balloon catheter

Code also any: diagnostic arteriogram (88.40-88.49)

Excludes: any endovascular head or neck vessel procedure (39.72, 39.74-39.76)  
          diagnostic procedures on blood vessels (38.21-38.29)  
          permanent endovascular procedure (39.79)

39.78 Endovascular implantation of branching or fenestrated graft(s) in aorta

- 39.79 Other endovascular procedures on other vessels  
Endograft(s)  
Endovascular graft(s)  
Liquid tissue adhesive (glue) embolization or occlusion  
Other coil embolization or occlusion  
Other implant or substance for repair, embolization or occlusion  
Repair of aneurysm

Excludes: abdominal aortic aneurysm resection [AAA] (38.44)  
endovascular implantation of graft in abdominal aorta (39.71)  
endovascular implantation of graft in thoracic aorta (39.73)  
endovascular embolization or occlusion of head and neck vessels, bare metal coils (39.75)  
endovascular embolization or occlusion of head and neck vessels, bioactive coils (39.76)  
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)  
thoracic aortic aneurysm resection (38.45)  
transcatheter embolization for gastric or duodenal bleeding (44.44)  
uterine artery embolization with coils (68.24)

39.8 Operations on carotid body, carotid sinus and other vascular bodies

Excludes: excision of glomus jugulare (20.51)

- 39.81 Implantation or replacement of carotid sinus stimulation device, total system  
Carotid sinus baroreflex activation device  
Implantation of carotid sinus stimulator and lead(s)  
Includes: carotid explorations

Excludes: implantation or replacement of carotid sinus stimulation lead(s) only (39.82)  
implantation or replacement of carotid sinus stimulation pulse generator only (39.83)

- 39.82 Implantation or replacement of carotid sinus stimulation lead(s) only

Excludes: implantation or replacement of carotid sinus stimulation device, total system (39.81)

- 39.83 Implantation or replacement of carotid sinus stimulation pulse generator only

Excludes: implantation or replacement of carotid sinus stimulation device, total system (39.81)

- 39.84 Revision of carotid sinus stimulation lead(s) only  
Repair of electrode [removal with re-insertion]  
Repositioning of lead(s) [electrode]

- 39.85 Revision of carotid sinus stimulation pulse generator  
Debridement and reforming pocket (skin and subcutaneous tissue)  
Relocation of pocket [creation of new pocket]  
Repositioning of pulse generator  
Revision of carotid sinus stimulation pulse generator pocket

- 39.86 Removal of carotid sinus stimulation device, total system

- 39.87 Removal of carotid sinus stimulation lead(s) only

- 39.88 Removal of carotid sinus stimulation pulse generator only

- 39.89 Other operations on carotid body, carotid sinus and other vascular bodies

Chemodectomy  
Denervation of:  
    aortic body  
    carotid body  
Glomectomy, carotid

Excludes: excision of glomus jugulare (20.51)

39.9 Other operations on vessels

39.90 Insertion of non-drug-eluting peripheral (non-coronary) 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)

large intestine (46.96)

liver (50.93)

small intestine (46.95)

SuperSaturated oxygen therapy (00.49)

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

Transbronchoscopic needle aspiration [TBNA] of lymph node

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 inguinal 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 purging (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)
- 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: esophagogastrroduodenoscopy [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)
  - 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

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)
      - pharyngoesophageal (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 interposition (42.58)
  - 42.89 Other repair of esophagus
- 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)

43 Incision and excision of stomach

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

43.0 Gastrotomy

Excludes: gastrotomy (43.11-43.19)  
that for control of hemorrhage (44.49)

43.1 Gastrotomy

43.11 Percutaneous [endoscopic] gastrotomy [PEG]  
Percutaneous transabdominal gastrotomy

43.19 Other gastrotomy

Excludes: percutaneous [endoscopic] gastrotomy [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  
Gastropylorotomy

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)

43.82 Laparoscopic vertical (sleeve) gastrectomy

Excludes: laparoscopic banding (44.95)  
laparoscopic gastric restrictive procedure (44.95)

43.89 Open and other partial gastrectomy  
Partial gastrectomy with bypass gastrogastrostomy  
Sleeve resection of stomach

Excludes: laparoscopic sleeve gastrectomy (43.82)

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: gastric lavage (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  
Bypass:  
gastroduodenostomy  
PEGJJ

Excludes: percutaneous (endoscopic) feeding jejunostomy (46.32)

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

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

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 gastropasty (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 gastric 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)
  - (nasogastric) 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)

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 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 (17.31, 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 (17.32, 45.72)  
enterolectomy (17.39, 45.79)  
gastroduodenectomy (43.6-43.99)  
ileolectomy (17.33, 45.73)  
pancreatoduodenectomy (52.51-52.7)

45.61 Multiple segmental resection of small intestine  
Segmental resection for multiple traumatic lesions of small intestine

45.62 Other partial resection of small intestine  
Duodenectomy  
Ileectomy  
Jejunectomy

Excludes: duodenectomy with synchronous pancreatectomy (52.51-52.7)  
resection of cecum and terminal ileum (17.32, 45.72)

45.63 Total removal of small intestine

45.7 Open and other partial excision of large intestine

Code also any synchronous:

anastomosis other than end-to-end (45.92-45.94)

enterostomy (46.10-46.39)

Excludes: laparoscopic partial excision of large intestine (17.31-17.39)

45.71 Open and other multiple segmental resection of large intestine

Segmental resection for multiple traumatic lesions of large intestine

- 45.72 Open and other cecectomy  
Resection of cecum and terminal ileum
- 45.73 Open and other right hemicolectomy  
Ileocectomy  
Right radical colectomy
- 45.74 Open and other resection of transverse colon
- 45.75 Open and other left hemicolectomy  
Excludes: proctosigmoidectomy (48.41-48.69)  
second stage Mikulicz operation (46.04)
- 45.76 Open and other sigmoidectomy
- 45.79 Other and unspecified 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)
  - 45.81 Laparoscopic total intra-abdominal colectomy
  - 45.82 Open total intra-abdominal colectomy
  - 45.83 Other and unspecified total intra-abdominal colectomy
- 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
- 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]
    - Endoscopic conversion of gastrostomy to jejunostomy
    - Percutaneous (endoscopic) feeding enterostomy
- Excludes: percutaneous [endoscopic] gastrojejunostomy (bypass) (44.32)
- 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 pericostomy 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

Ileopexy

46.62 Other fixation of small intestine

Noble plication of small intestine

Plication of jejunum

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)
- vaginal fistula (70.74)
- repair of gastrojejunal 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)
- vaginal fistula (70.72-70.73)
- 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)
- ionizing 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 jejunum
- Endoscopic dilation (balloon) of large intestine
- That through rectum or colostomy

Excludes: with insertion of colonic stent (46.86-46.87)

46.86 Endoscopic insertion of colonic stent(s)

- Colonoscopy (flexible) (through stoma) with transendoscopic stent placement
- Combined with fluoroscopic-guided insertion
- Stent endoprosthesis of colon
- Through the scope [TTS] technique

Excludes: other non-endoscopic insertion of colonic stent (46.87)

46.87 Other insertion of colonic stent(s)

- Includes: that by:
  - fluoroscopic guidance only
  - rectal guiding tube
- Non-endoscopic insertion

Code also any synchronous diagnostic procedure(s)

Excludes: endoscopic insertion of colonic stent (46.86)

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)

46.97 Transplant of intestine

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

46.99 Other

Ileocectomy

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)

48.40 Pull-through resection of rectum, not otherwise specified  
Pull-through resection NOS

Excludes: abdominoperineal pull-through NOS (48.50)

48.41 Soave submucosal resection of rectum  
Endorectal pull-through operation

48.42 Laparoscopic pull-through resection of rectum

48.43 Open pull-through resection of rectum

48.49 Other pull-through resection of rectum  
Abdominoperineal pull-through  
Altemeier operation  
Swenson proctectomy

Excludes: Duhamel abdominoperineal pull through (48.65)  
laparoscopic pull-through resection of rectum (48.42)  
open pull-through resection of rectum (48.43)  
pull-through resection of rectum, not otherwise specified (48.40)

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)

48.50 Abdominoperineal resection of the rectum, not otherwise specified

48.51 Laparoscopic abdominoperineal resection of the rectum

48.52 Open abdominoperineal resection of the rectum

48.59 Other abdominoperineal resection of the rectum

Excludes: abdominoperineal resection of the rectum, NOS (48.50)  
laparoscopic abdominoperineal resection of the rectum (48.51)  
open abdominoperineal resection of the rectum (48.52)

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, 70.53, 70.55)

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  
Stapled transanal rectal resection (STARR)

48.75 Abdominal proctopexy  
Frickman procedure  
Ripstein repair of rectal prolapse

48.76 Other proctopexy  
Delorme repair of prolapsed rectum  
Proctosigmoidopexy  
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:  
large intestine (45.94)  
small intestine (45.92-45.93)  
repair of:  
current obstetric 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
  - 49.47 Evacuation of thrombosed hemorrhoids
  - 49.49 Other procedures on hemorrhoids
    - Lord procedure
- 49.5 Division 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 Excision of anus
- 49.7 Repair of anus
  - Excludes: 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 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

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  
Stromeyer-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

50.13 Transjugular liver biopsy  
Transvenous liver biopsy

Excludes: closed (percutaneous) [needle] biopsy of liver (50.11)  
laparoscopic liver biopsy (50.14)

50.14 Laparoscopic liver biopsy

Excludes: closed (percutaneous) [needle] biopsy of liver (50.11)  
open biopsy of liver (50.12)



transjugular liver biopsy (50.13)

50.19 Other diagnostic procedures on liver

Excludes: laparoscopic liver biopsy (50.14)  
liver scan and radioisotope function study (92.02)  
microscopic examination of specimen from liver (91.01-91.09)  
transjugular liver biopsy (50.13)

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  
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)  
laser interstitial thermal therapy [LITT] of lesion or tissue of liver under guidance (17.63)

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

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  
cystic 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 Cholecystectomy

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 Anastomosis of gallbladder or bile duct

Excludes: 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

51.4 Incision of bile duct for relief of obstruction

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 tube (51.86)
- replacement of stent (tube) (97.05)
- 51.88 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
- 51.9 Other operations on biliary tract
  - 51.91 Repair of laceration of gallbladder
  - 51.92 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 for:
      - 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)
  - 51.99 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)
  - lysis of peritoneal adhesions (54.5)
  - nonoperative removal of:
    - cholecystostomy 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 sphincter (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)  
cholangiopancreatography [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

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 choledochojejunal 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

Excludes: endoscopic insertion of nasopancreatic drainage tube (52.97)  
replacement of stent (tube) (97.05)

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  
jejunum  
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 Other unilateral repair of inguinal hernia

Excludes: laparoscopic unilateral repair of inguinal hernia (17.11-17.13)

- 53.00 Unilateral repair of inguinal hernia, not otherwise specified  
Inguinal herniorrhaphy NOS
- 53.01 Other and open repair of direct inguinal hernia  
Direct and indirect inguinal hernia
- 53.02 Other and open repair of indirect inguinal hernia
- 53.03 Other and open repair of direct inguinal hernia with graft or prosthesis
- 53.04 Other and open repair of indirect inguinal hernia with graft or prosthesis
- 53.05 Repair of inguinal hernia with graft or prosthesis, not otherwise specified

#### 53.1 Other bilateral repair of inguinal hernia

Excludes: laparoscopic bilateral repair of inguinal hernia (17.21-17.24)

- 53.10 Bilateral repair of inguinal hernia, not otherwise specified
- 53.11 Other and open bilateral repair of direct inguinal hernia
- 53.12 Other and open bilateral repair of indirect inguinal hernia
- 53.13 Other and open bilateral repair of inguinal hernia, one direct and one indirect



- 53.14 Other and open bilateral repair of direct inguinal hernia with graft or prosthesis
- 53.15 Other and open bilateral repair of indirect inguinal hernia with graft or prosthesis
- 53.16 Other and open 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 Unilateral repair of femoral hernia
  - 53.21 Unilateral repair of femoral hernia with graft or prosthesis
  - 53.29 Other unilateral femoral herniorrhaphy
- 53.3 Bilateral repair of femoral hernia
  - 53.31 Bilateral repair of femoral hernia with graft or prosthesis
  - 53.39 Other bilateral femoral herniorrhaphy
- 53.4 Repair of umbilical hernia
 

Excludes: repair of gastroschisis (54.71)

  - 53.41 Other and open repair of umbilical hernia with graft or prosthesis
  - 53.42 Laparoscopic repair of umbilical hernia with graft or prosthesis
  - 53.43 Other laparoscopic umbilical herniorrhaphy
  - 53.49 Other open umbilical herniorrhaphy

Excludes: other laparoscopic umbilical herniorrhaphy (53.43)  
 repair of umbilical hernia with graft or prosthesis (53.41, 53.42)
- 53.5 Repair of other hernia of anterior abdominal wall (without graft or prosthesis)
  - 53.51 Incisional hernia repair
  - 53.59 Repair of other hernia of anterior abdominal wall
 

Repair of hernia:

    - epigastric
    - hypogastric
    - spigelian
    - ventral

That by laparoscopic approach
- 53.6 Repair of other hernia of anterior abdominal wall with graft or prosthesis
  - 53.61 Other open incisional hernia repair with graft or prosthesis
 

Excludes: laparoscopic incisional hernia repair with graft or prosthesis (53.62)
  - 53.62 Laparoscopic incisional hernia repair with graft or prosthesis
  - 53.63 Other laparoscopic repair of other hernia of anterior abdominal wall with graft or prosthesis
  - 53.69 Other and open repair of other hernia of anterior abdominal wall with graft or prosthesis
 

Excludes: other laparoscopic repair of other hernia of anterior abdominal wall with graft or prosthesis (53.63)

53.7 Repair of diaphragmatic hernia, abdominal approach

53.71 Laparoscopic repair of diaphragmatic hernia, abdominal approach

53.72 Other and open repair of diaphragmatic hernia, abdominal approach

53.75 Repair of diaphragmatic hernia, abdominal approach, not otherwise specified

Excludes: laparoscopic repair of diaphragmatic hernia (53.71)  
other and open repair of diaphragmatic hernia (53.72)

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

53.82 Repair of parasternal hernia

53.83 Laparoscopic repair of diaphragmatic hernia, with thoracic approach

53.84 Other and open repair of diaphragmatic hernia, with thoracic approach

Excludes: repair of diaphragmatic hernia with thoracic approach, NOS (53.80)

53.9 Other hernia repair

Repair of hernia:

ischiatric

ischiorectal

lumbar

obturator

omental

retroperitoneal

sciatic

Excludes: relief of strangulated hernia with exteriorization of intestine (46.01, 46.03)  
repair of pericostostomy hernia (46.42)  
repair of vaginal enterocele (70.92)

54 Other operations on abdominal region

Includes: operations on:

epigastric region

flank

groin region

hypochondrium

inguinal region

loin region

pelvic cavity

mesentery

omentum

peritoneum

retroperitoneal tissue space

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

Excludes: hernia repair (53.00-53.9)  
obliteration of cul-de-sac (70.92)  
retroperitoneal tissue dissection (59.00-59.09)  
skin and subcutaneous tissue of abdominal  
wall (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)  
angiocardiology 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)  
phlebography 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)  
ultrasonography 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  
falciiform ligament  
gastrocolic ligament  
lesion of:  
mesentery  
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 (55.86)  
aspiration (55.92)  
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 Pyelotomy

Exploration of renal pelvis  
Pyelolithotomy

55.12 Pyelostomy

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)  
pyelogram:  
intravenous (87.73)  
percutaneous (87.75)  
retrograde (87.74)  
radioisotope scan (92.03)  
renal arteriography (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 calyceal 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)  
wedge resection of kidney (55.4)

55.4 Partial nephrectomy  
Calycectomy  
Wedge resection of kidney

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

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 (59.8)

urinary diversion (56.51-56.79)

56.3 Diagnostic procedures on ureter

- 56.31 Ureteroscopy
- 56.32 Closed percutaneous biopsy of ureter  
Excludes: endoscopic biopsy of ureter (56.33)
- 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  
Ileoureterostomy (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: lysis of periureteral adhesions (59.02-59.03)  
ureterolysis (59.02-59.03)

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 synchronou replacement (56.93)

56.95 Ligation of ureter

56.99 Other

Excludes: removal of ureterostomy tube and 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 tube (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: cystogram 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 cyst 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 any:  
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)

cystocele (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

Vesicosigmoidovaginal 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:

cystostomy (96.47)

other indwelling urinary catheter (96.48)

lysis of external adhesions (59.11)

removal of:

cystostomy tube (97.63)

other urinary drainage devic (97.64)

therapeutic distention o 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)

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 bod 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
  - Pereyra 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 (91.31-91.39)  
x-ray:  
contrast seminal vesiculogra (87.91)  
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 prostate (TEVAP)  
Transurethral enucleative procedure  
Transurethral prostatectomy NOS  
Transurethral resection of prostate (TURP)

60.3 Suprapubic prostatectomy  
Transvesical prostatectomy

Excludes: local excision of lesion of prostate (60.61)  
radical prostatectomy (60.5)

60.4 Retropubic prostatectomy

Excludes: local excision of lesion of prostate (60.61)  
radical prostatectomy (60.5)

60.5 Radical prostatectomy  
Prostatovesiculectomy  
Radical prostatectomy by any approach

Excludes: cystoprostatectomy (57.71)

60.6 Other prostatectomy

60.61 Local excision of lesion of prostate

Excludes: biopsy of prostate (60.11-60.12)  
laser interstitial thermal therapy [LITT] of lesion or tissue of prostate under guidance  
(17.69)

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 Operations on seminal vesicles

60.71 Percutaneous aspiration of seminal vesicle

Excludes: needle biopsy of seminal vesicle (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 Incision 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)
  - 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 scrotoectomy of scrotum  
 Excludes:    biopsy of scrotum (61.11)  
                 scrotal fistulectomy (61.42)
- 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 Repair of testes
  - Excludes: reduction of torsion (63.52)
  - 62.61 Suture of laceration of testis
  - 62.69 Other repair of testis
    - Testicular graft
- 62.7 Insertion of testicular prosthesis
- 62.9 Other operations on testes
  - 62.91 Aspiration of testis
    - Excludes: percutaneous biopsy of testis (62.11)
  - 62.92 Injection of therapeutic substance into testis
  - 62.99 Other
- 63 Operations on spermatic cord, epididymis, and vas deferens
- 63.0 Diagnostic procedures on spermatic cord, epididymis, and vas deferens
  - 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)
- 63.1 Excision of varicocele and hydrocele of spermatic cord
  - High ligation of spermatic vein
  - Hydrocelectomy of canal of Nuck
- 63.2 Excision of cyst of epididymis
  - Spermatocoelectomy
- 63.3 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 Epididymectomy
  - Excludes: that synchronous with orchiectomy (62.3-62.42)
- 63.5 Repair of spermatic cord and epididymis
  - 63.51 Suture of laceration of spermatic cord and epididymis
  - 63.52 Reduction of torsion of testis or spermatic cord
    - Excludes: that associated with orchiopexy (62.5)

- 63.53 Transplantation of spermatic cord
- 63.59 Other repair of spermatic cord and epididymis
- 63.6 Vasotomy
  - Vasostomy
- 63.7 Vasectomy and ligation of vas deferens
  - 63.70 Male sterilization procedure, not otherwise specified
  - 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
  - glans 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

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 prosthesis (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 prosthesis (64.94)  
non-inflatable penile prosthesis (64.95)  
plastic repair, penis (64.43-64.49)

64.98 Other operations on penis  
Corpora cavernosa-corpora spongiosum shunt  
Corpora-saphenous shunt  
Irrigation of corpora cavernosum

Excludes: removal of foreign body:  
intraluminal (98.19)  
without incision (98.24)  
stretching of foreskin (99.95)

64.99 Other

Excludes: collection of sperm for 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 cyst

Excludes: that by laparoscope (65.23)

65.22 Wedge resection of ovary

Excludes: that by laparoscope (65.24)

65.23 Laparoscopic marsupialization of ovarian cyst

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 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 Bilateral 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  
Excludes: salpingo-oophorostomy (66.72)
  - 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 cyst
  - 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
- 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
  - dye
  - 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)

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)

67 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  
Electroconization 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  
Cervicostigmoidal 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 uterin 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)

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

68.24 Uterine artery embolization [UAE] with coils

Excludes: that without coils (68.25)

68.25 Uterine artery embolization [UAE] without coils

Includes that by:

- gelatin sponge
- gelfoam
- microspheres
- particulate agent NOS
- polyvinyl alcohol [PVA]
- spherical embolics

Excludes: that with coils (68.24)

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 infra fascial SEMM hysterectomy [CISH]  
Laparoscopically assisted supracervical hysterectomy [LASH]

68.39 Other and unspecified subtotal abdominal hysterectomy  
Supracervical hysterectomy



Excludes: classic infra fascial SEMM hysterectomy [CISH] (68.31)  
laparoscopic supracervical hysterectomy [LSH] (68.31)

#### 68.4 Total abdominal hysterectomy

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

Excludes: laparoscopic total abdominal hysterectomy (68.41)

#### 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

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)

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 ligament (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 fistulectomy (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

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
- 70.3 Local excision or destruction of vagina and cul-de-sac
  - 70.31 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
- Excludes: obliteration of vaginal vault (70.8)
- 70.5 Repair of cystocele and rectocele
  - 70.50 Repair of cystocele and rectocele
    - Excludes: repair of cystocele and rectocele with graft or prosthesis (70.53)
  - 70.51 Repair of cystocele
    - Anterior colporrhaphy (with urethrocele repair)
  - Excludes: repair of cystocele and rectocele with graft or prosthesis (70.53)
  - repair of cystocele with graft or prosthesis (70.54)
  - 70.52 Repair of rectocele
    - Posterior colporrhaphy
  - Excludes: repair of cystocele and rectocele with graft or prosthesis (70.53)
  - repair of rectocele with graft or prosthesis (70.55)
  - STARR procedure (48.74)
  - 70.53 Repair of cystocele and rectocele with graft or prosthesis
    - Use additional code: for biological substance (70.94) or synthetic substance (70.95), if known
  - 70.54 Repair of cystocele with graft or prosthesis
    - Anterior colporrhaphy (with urethrocele repair)
  - Use additional code: for biological substance (70.94) or synthetic substance (70.95), if known
  - 70.55 Repair of rectocele with graft or prosthesis

Posterior colporrhaphy

Use additional code: for biological substance (70.94) or synthetic substance (70.95), if known

70.6 Vaginal construction and reconstruction

70.61 Vaginal construction

70.62 Vaginal reconstruction

70.63 Vaginal construction with graft or prosthesis

Use additional code: for biological substance (70.94) or synthetic substance (70.95), if known

Excludes: vaginal construction (70.61)

70.64 Vaginal reconstruction with graft or prosthesis

Use additional code: for biological substance (70.94) or synthetic substance (70.95), if known

Excludes: vaginal reconstruction (70.62)

70.7 Other repair of vagina

Excludes: 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

70.78 Vaginal suspension and fixation with graft or prosthesis

Use additional code: for biological substance (70.94) or synthetic substance (70.95), if known

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

70.93 Other operations on cul-de-sac with graft or prosthesis

- Repair of vaginal enterocele with graft or prosthesis

Use additional code: for biological substance (70.94) or synthetic substance (70.95), if known

70.94 Insertion of biological graft

- Allogenic material or substance
- Allograft
- Autograft
- Autologous material or substance
- Heterograft
- Xenogenic material or substance

Code first these procedures when done with graft or prosthesis:

- Other operations on cul-de-sac (70.93)
- Repair of cystocele (70.54)
- Repair of cystocele and rectocele (70.53)
- Repair of rectocele (70.55)
- Vaginal construction (70.63)
- Vaginal reconstruction (70.64)
- Vaginal suspension and fixation (70.78)

70.95 Insertion of synthetic graft or prosthesis

- Artificial tissue

Code first these procedures when done with graft or prosthesis:

- Other operations on cul-de-sac (70.93)
- Repair of cystocele (70.54)
- Repair of cystocele and rectocele (70.53)
- Repair of rectocele (70.55)
- Vaginal construction (70.63)
- Vaginal reconstruction (70.64)
- Vaginal suspension and fixation (70.78)

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)
  - 71.24 Excision or other destruction of Bartholin's gland (cyst)
  - 71.29 Other operations on Bartholin's gland
- 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  
DeLee maneuver  
Key-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 (68.3-68.4, 68.6, 68.8)
  - 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 rupture
- 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

Code also episiotomy, if performed (73.6)

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
- 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)**

- 76 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 orthognathic 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 Temporomandibular arthroplasty

76.6 Other facial bone repair and orthognathic surgery

Code also any synchronous:  
bone graft (76.91)  
synthetic implant (76.92)

Excludes: reconstruction of facial bones (76.41-76.46)

76.61 Closed osteoplasty [osteotomy] of mandibular ramus  
Gigli saw osteotomy

76.62 Open osteoplasty [osteotomy] of mandibular ramus

76.63 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 or implant

76.69 Other facial bone repair  
Osteoplasty of facial bone NOS

76.7 Reduction of facial fracture

Includes: internal fixation

Code also any synchronous:  
bone graft (76.91)  
synthetic implant (76.92)

Excludes: that of nasal bones (21.71-21.72)

76.70 Reduction of facial fracture, not otherwise specified

76.71 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)

76.79 Other open reduction of facial fracture  
Open reduction of orbit rim or wall

Excludes: nasal bone (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)  
joint 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.

- 0 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  
[0-9]

77.1 Other incision of bone without division  
[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  
[0-9]

Excludes: that for hallux valgus (77.51)

77.3 Other division of bone  
[0-9]

Osteoarthrotomy

Excludes: clavotomy 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  
[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
  - [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
  - [0-9]
- 77.8 Other partial ostectomy
  - [0-9]
  - Condylectomy
  - Excludes: amputation (84.00-84.19, 84.91)
  - arthrectomy (80.90-80.99)
  - excision of bone ends associated with:
    - arthrodesis (81.00-81.39, 81.62-81.66)
    - arthroplasty (81.40-81.59, 81.71-81.85)
  - 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
  - [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)  
joint 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
- 6 patella
- 7 tibia and fibula
- 8 tarsals and metatarsals
- 9 other
  - Pelvic bones
  - Phalanges (of foot) (of hand)
  - Vertebrae

78.0 Bone graft  
[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  
[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  
[0,2-5,7-9]

Epiphyseal stapling  
Open epiphysiodesis  
Percutaneous epiphysiodesis  
Resection/osteotomy

78.3 Limb lengthening procedures  
[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

[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)  
insertion of sternal fixation device with rigid plates (84.94)  
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

[0-9]

External fixator device (invasive)  
Internal fixation device  
Removal of bone growth stimulator (invasive)  
Removal of internal limb lengthening device  
Removal of pedicle screw(s) used in spinal fusion

Excludes: removal of cast, splint, and traction device (Kirschner wire) (Steinmann pin) (97.88)  
removal of posterior spinal motion preservation (facet replacement, pedicle-based dynamic stabilization, interspinous process) device(s) (80.09)  
removal of skull tongs or halo traction device (02.95)

78.7 Osteoclasts

[0-9]

78.8 Diagnostic procedures on bone, not elsewhere classified

[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

[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 any:

application of external fixator 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  
Leg NOS
- 7 tarsals and metatarsals  
Foot NOS
- 8 phalanges of foot
- 9 other specified bone

79.0 Closed reduction of fracture without internal fixation  
[0-9]

Excludes: that for separation of epiphysis (79.40-79.49)

79.1 Closed reduction of fracture with internal fixation  
[0-9]

Excludes: that for separation of epiphysis (79.40-79.49)

79.2 Open reduction of fracture without internal fixation  
[0-9]

Excludes: that for separation of epiphysis (79.50-79.59)

79.3 Open reduction of fracture with internal fixation  
[0-9]

Excludes: that for separation of epiphysis (79.50-79.59)

79.4 Closed reduction of separated epiphysis  
[0-2,5,6,9]

Reduction with or without internal fixation

79.5 Open reduction of separated epiphysis

[0-2,5,6,9]

Reduction with or without internal fixation

79.6 Debridement of open fracture site

[0-9]

Debridement of compound fracture

79.7 Closed reduction of dislocation

Includes: closed reduction (with external traction device)

Excludes: closed reduction of dislocation of temporomandibular joint (76.93)

79.70 Closed reduction of dislocation of unspecified site

79.71 Closed reduction of dislocation of shoulder

79.72 Closed reduction of dislocation of elbow

79.73 Closed reduction of dislocation of wrist

79.74 Closed reduction of dislocation of hand and finger

79.75 Closed reduction of dislocation of hip

79.76 Closed reduction of dislocation of knee

79.77 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

Includes: open reduction (with internal and external fixation devices)

Excludes: 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

79.86 Open reduction of dislocation of knee

79.87 Open reduction of dislocation of ankle

79.88 Open reduction of dislocation of foot and toe

79.89 Open reduction of dislocation of other specified sites

79.9 Unspecified operation on bone injury

[0-9]

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 hip
  - 6 knee
  - 7 ankle
  - 8 foot and toe
  - 9 other specified sites
- Spine

80.0 Arthrotomy for removal of prosthesis without replacement  
[0-9]

Includes removal of posterior spinal motion preservation (dynamic stabilization, facet replacement, interspinous process) device(s)

Code also any:

insertion of (cement)(joint) (methylnmethacrylate) spacer (84.56)

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

Excludes: removal of pedicle screws used in spinal fusion (78.69)

80.1 Other arthrotomy  
[0-9]

Arthroscopy

Excludes: that for:

arthrography (88.32)

arthroscopy (80.20-80.29)

injection of drug (81.92)

operative approach -- omit code

80.2 Arthroscopy  
[0-9]

80.3 Biopsy of joint structure  
[0-9]

Aspiration biopsy

80.4 Division of joint capsule, ligament, or cartilage  
[0-9]

Goldner clubfoot release

Heyman-Herndon(-Strong) correction of metatarsus varus

Release of:

adherent or constrictive joint capsule

- joint  
ligament
- Excludes: symphysiotomy to assist delivery (73.94)  
that for:  
carpal tunnel syndrome (04.43)  
tarsal tunnel syndrome (04.44)
- 80.5    Excision, destruction and other repair of intervertebral disc
  - 80.50    Excision or destruction of intervertebral disc, unspecified  
          Unspecified as to excision or destruction
  - 80.51    Excision of intervertebral disc  
          Discectomy  
          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)  
                      repair of the anulus fibrosus (80.53-80.54)  
  
       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)
  - 80.53    Repair of the anulus fibrosus with graft or prosthesis  
          Anular disc repair  
          Closure (sealing) of the anulus fibrosus defect  
          Includes: microsurgical suture repair with fascial autograft  
                      soft tissue re-approximation repair with tension bands  
                      surgical mesh repair  
  
       Code also any:  
          application or administration of adhesion barrier substance, if performed (99.77)  
          intervertebral discectomy, if performed (80.51)  
          locally harvested fascia for graft (83.43)
  - 80.54    Other and unspecified repair of the anulus fibrosus  
          Anular disc repair  
          Closure (sealing) of the anulus fibrosus defect  
          Microsurgical suture repair without fascial autograft  
          Percutaneous repair of the anulus fibrosus  
  
       Code also any:

application or administration of adhesion barrier substance, if performed (99.77)  
intervertebral discectomy, if performed (80.51)

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  
[0-9]  
Complete or partial resection of synovial membrane

Excludes: excision of Baker's cyst (83.39)

80.8 Other local excision or destruction of lesion of joint  
[0-9]

80.9 Other excision of joint  
[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

Note: Spinal fusion is classified by the anatomic portion (column) fused and the technique (approach) used to perform the fusion.

For the anterior column, the body (corpus) of adjacent vertebrae are fused (interbody fusion).  
The anterior column can be fused using an anterior, lateral, or posterior technique.

For the posterior column, posterior structures of adjacent vertebrae are fused (pedicle, lamina, facet, transverse process, or "gutter" fusion). A posterior column fusion can be performed using a posterior, posterolateral, or lateral transverse technique.

Includes: arthrodesis of spine with:  
bone graft  
internal fixation

Code also any insertion of interbody spinal fusion device (84.51)  
any insertion of recombinant bone morphogenetic protein (84.52)  
any synchronous excision of (locally) harvested bone for graft (77.70-77.79)  
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 of the anterior column, anterior technique  
Arthrodesis of C2 level or below:  
anterior interbody fusion  
anterolateral technique

- 81.03 Other cervical fusion of the posterior column, posterior technique  
Arthrodesis of C2 level or below, posterolateral technique
- 81.04 Dorsal and dorsolumbar fusion of the anterior column, anterior technique  
Arthrodesis of thoracic or thoracolumbar region:
  - anterior interbody fusion
  - anterolateral technique
  - Extracavitary technique
- 81.05 Dorsal and dorsolumbar fusion of the posterior column, posterior technique  
Arthrodesis of thoracic or thoracolumbar region, posterolateral technique
- 81.06 Lumbar and lumbosacral fusion of the anterior column, anterior technique  
Anterior lumbar interbody fusion (ALIF)  
Arthrodesis of lumbar or lumbosacral region:
  - anterior interbody fusion
  - anterolateral technique
  - retroperitoneal
  - transperitonealDirect lateral interbody fusion [DLIF]  
Extreme lateral interbody fusion [XLIF]
- 81.07 Lumbar and lumbosacral fusion of the posterior column, posterior technique  
Facet fusion  
Posterolateral technique  
Transverse process technique
- 81.08 Lumbar and lumbosacral fusion of the anterior column, posterior technique  
Arthrodesis of lumbar or lumbosacral region, posterior interbody fusion  
Axial lumbar interbody fusion [AxiaLIF]  
Posterior lumbar interbody fusion (PLIF)  
Transforaminal lumbar interbody fusion (TLIF)
- 81.1 Arthrodesis and arthroereisis of foot and ankle  
Includes: arthrodesis of foot and ankle with:
  - bone graft
  - external fixation device
- 81.11 Ankle fusion  
Tibiotalar fusion
- 81.12 Triple arthrodesis  
Talus to calcaneus and calcaneus to cuboid and navicular
- 81.13 Subtalar fusion  
Excludes: arthroereisis (81.18)
- 81.14 Midtarsal fusion
- 81.15 Tarsometatarsal fusion
- 81.16 Metatarsophalangeal fusion
- 81.17 Other fusion of foot
- 81.18 Subtalar joint arthroereisis
- 81.2 Arthrodesis of other joint  
Includes: arthrodesis with:



- bone graft
- external fixation device
- excision of bone ends and compression

- 81.20 Arthrodesis of unspecified joint
- 81.21 Arthrodesis of hip
- 81.22 Arthrodesis of knee
- 81.23 Arthrodesis of shoulder
- 81.24 Arthrodesis of elbow
- 81.25 Carporadial fusion
- 81.26 Metacarpocarpal fusion
- 81.27 Metacarpophalangeal fusion
- 81.28 Interphalangeal fusion
- 81.29 Arthrodesis of other specified joints

### 81.3 Refusion of spine

Note: Spine fusion is classified by the anatomic portion (column) fused and the technique (approach) used to perform the fusion.

For the anterior column, the body (corpus) of adjacent vertebrae are fused (interbody fusion). The anterior column can be fused using an anterior, lateral, or posterior technique.

For the posterior column, posterior structures of adjacent vertebrae are fused (pedicle, lamina, facet, transverse process, or "gutter" fusion). A posterior column fusion can be performed using a posterior, posterolateral, or lateral transverse technique.

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)

- any insertion of recombinant bone morphogenetic protein (84.52)
- any synchronous excision of (locally) harvested bone for graft (77.70-77.79)
- 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 column, anterior technique
  - Arthrodesis of C2 level or below:
    - anterior interbody fusion
    - anterolateral technique
- 81.33 Refusion of other cervical spine, posterior column, posterior technique
  - Arthrodesis of C2 level or below, posterolateral technique
- 81.34 Refusion of dorsal and dorsolumbar spine, anterior column, anterior technique

Arthrodesis of thoracic or thoracolumbar region:  
anterior interbody fusion  
anterolateral technique  
Extracavitary technique

81.35 Refusion of dorsal and dorsolumbar spine, posterior column, posterior technique  
Arthrodesis of thoracic or thoracolumbar region, posterolateral technique

81.36 Refusion of lumbar and lumbosacral spine, anterior column, anterior technique  
Anterior lumbar interbody fusion (ALIF)  
Arthrodesis of lumbar or lumbosacral region:  
anterior interbody fusion  
anterolateral technique  
retroperitoneal  
transperitoneal  
Direct lateral interbody fusion [DLIF]  
Extreme lateral interbody fusion [XLIF]

81.37 Refusion of lumbar and lumbosacral spine, posterior column, posterior technique  
Facet fusion  
Posterolateral technique  
Transverse process technique

81.38 Refusion of lumbar and lumbosacral spine, anterior column, posterior technique  
Arthrodesis of lumbar or lumbosacral region, posterior interbody fusion  
Axial lumbar interbody fusion [AxiaLIF]  
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

Note: removal of prior prosthesis - *omit code*

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 (00.74-00.77)

81.52 Partial hip replacement  
Bipolar endoprosthesis

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

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

Code also any:  
removal of (cement)(joint) spacer (84.57)  
type of bearing surface, if known (00.74-00.77)

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

81.54 Total knee replacement  
Bicompartmental  
Partial knee replacement  
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)

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 Percutaneous vertebroplasty

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

Excludes: percutaneous vertebral augmentation (81.66)

81.66 Percutaneous vertebral augmentation

Insertion of inflatable balloon, bone tamp, or other device displacing (removing) (compacting) bone to create a space (cavity) (void) prior to the injection of bone void filler (cement) (polymethylmethacrylate) (PMMA) or other substance

Arcoplasty

Kyphoplasty

SKyphoplasty

Spineoplasty

Excludes: percutaneous 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

81.73 Total wrist replacement

81.74 Arthroplasty of carpocarpal or carpometacarpal joint with implant

81.75 Arthroplasty of carpocarpal or carpometacarpal joint without implant

81.79 Other repair of hand, fingers and wrist

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 Other total shoulder replacement

Excludes: reverse total shoulder replacement (81.88)

81.81 Partial shoulder replacement

81.82 Repair of recurrent dislocation of shoulder

81.83 Other repair of shoulder

81.84 Total elbow replacement

Partial elbow replacement

81.85 Other repair of elbow

81.88 Reverse total shoulder replacement  
Reverse ball-and-socket of the shoulder

Excludes: conversion of prior (failed) total shoulder replacement (arthroplasty) to reverse total shoulder replacement (81.97)

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 with 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 with arthroplasty (81.56-81.59)

81.95 Suture of capsule or ligament of other lower extremity  
Excludes: that associated with 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  
Revision of arthroplasty of shoulder  
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

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 and 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 Transplantation 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 thumb (82.81)

82.57 Other hand tendon transposition

82.58 Other hand muscle transfer or transplantation

82.59 Other hand muscle transposition

82.6 Reconstruction of thumb

Includes: digital transfer to act as thumb

Code also any amputation for digital transfer (84.01, 84.11)

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

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

Excludes: diagnostic procedures on soft tissue of hand (83.21-83.29)

82.91 Lysis of adhesions of hand  
Freeing of adhesions of fascia, muscle, and tendon of hand

Excludes: decompression of carpal tunnel (04.43)  
that by stretching or 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 Operations on muscle, tendon, fascia, and bursa, except hand

Includes: operations on:  
aponeurosis  
synovial membrane of bursa and tendon sheaths  
tendon sheaths

Excludes: 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 and subcutaneous tissue alone (86.01-86.09)

83.1 Division of muscle, tendon, and fascia

83.11 Achillotomomy

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 Open biopsy of soft tissue

Excludes: biopsy of chest wall (34.23)

closed 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)

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

thermography of muscle (88.84)

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
  - 83.73 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

83.8 Other plastic operations on muscle, tendon, and fascia

Excludes: 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

83.9 Other operations on muscle, tendon, fascia, and bursa

Excludes: 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 therapeutic substance into other soft tissue

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 Amputation of upper limb

Excludes: revision of amputation stump (84.3)

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

84.07 Amputation through humerus  
Upper arm amputation

84.08 Disarticulation of shoulder

84.09 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

- 84.29 Other reattachment

- 84.3 Revision of amputation 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 percutaneous vertebral augmentation (81.66)  
that with percutaneous vertebroplasty (81.65)

84.56 Insertion or replacement of (cement) spacer  
Insertion or replacement of joint (methylnmethacrylate) spacer

84.57 Removal of (cement) spacer  
Removal of joint (methylnmethacrylate) spacer

84.59 Insertion of other spinal devices

Excludes: initial insertion of pedicle screws with spinal fusion-omit code  
insertion of facet replacement device(s) (84.84)  
insertion of interspinous process device(s) (84.80)  
insertion of pedicle-based dynamic stabilization device(s) (84.82)

#### 84.6 Replacement of spinal disc

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

84.60 Insertion of spinal disc prosthesis, not otherwise specified  
Replacement of spinal disc, NOS

Includes: discectomy (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: discectomy (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: discectomy (discectomy)

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

Includes: discectomy (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: discectomy (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: discectomy (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

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)

84.8 Insertion, replacement and revision of posterior spinal motion preservation device(s)

Dynamic spinal stabilization device(s)

Includes any synchronous facetectomy (partial, total) performed at the same level

Code also any synchronous surgical decompression (foraminotomy, laminectomy, laminotomy), if performed (03.09)

Excludes: fusion of spine (81.00-81.08, 81.30-81.39)  
insertion of artificial disc prosthesis (84.60-84.69)  
insertion of interbody spinal fusion device (84.51)



84.80 Insertion or replacement of interspinous process device(s)  
Interspinous process decompression device(s)  
Interspinous process distraction device(s)

Excludes: insertion or replacement of facet replacement device (84.84)  
insertion or replacement of pedicle-based dynamic stabilization device (84.82)

84.81 Revision of interspinous process device(s)  
Repair of previously inserted interspinous process device(s)

Excludes: revision of facet replacement device(s) (84.85)  
revision of pedicle-based dynamic stabilization device (84.83)

84.82 Insertion or replacement of pedicle-based dynamic stabilization device(s)

Excludes: initial insertion of pedicle screws with spinal fusion - omit code  
insertion or replacement of facet replacement device(s) (84.84)  
insertion or replacement of interspinous process device(s) (84.80)  
replacement of pedicle screws used in spinal fusion (78.59)

84.83 Revision of pedicle-based dynamic stabilization device(s)  
Repair of previously inserted pedicle-based dynamic stabilization device(s)

Excludes: removal of pedicle screws used in spinal fusion (78.69)  
replacement of pedicle screws used in spinal fusion (78.59)  
revision of facet replacement device(s) (84.85)  
revision of interspinous process device(s) (84.81)

84.84 Insertion or replacement of facet replacement device(s)  
Facet arthroplasty

Excludes: initial insertion of pedicle screws with spinal fusion- omit code  
insertion or replacement of interspinous process device(s) (84.80)  
insertion or replacement of pedicle-based dynamic stabilization device(s) (84.82)  
replacement of pedicle screws used in spinal fusion (78.59)

84.85 Revision of facet replacement device(s)  
Repair of previously inserted facet replacement device(s)

Excludes: removal of pedicle screws used in spinal fusion (78.69)  
replacement of pedicle screws used in spinal fusion (78.59)  
revision of interspinous process device(s) (84.81)  
revision of pedicle-based dynamic stabilization device(s) (84.83)

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

84.94 Insertion of sternal fixation device with rigid plates

Excludes: insertion of sternal fixation device for internal fixation of fracture (79.39)  
internal fixation of bone without fracture reduction (78.59)

84.99 Other

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

85 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)  
xerography (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

Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of breast under guidance  
(17.69)

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 mastectomy

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 mastectomy with synchronous implant  
Excludes: that without synchronous implan (85.34)

85.34 Other unilateral subcutaneous mastectomy  
Removal of breast tissue with preservation of skin and nipple  
Subcutaneous mastectomy NOS

85.35 Bilateral subcutaneous mastectomy with synchronous implant  
Excludes: that without synchronous implan (85.36)

85.36 Other bilateral subcutaneous mastectomy

#### 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 Augmentation mammoplasty

Excludes: that associated with subcutaneous mastectomy (85.33, 85.35)

85.50 Augmentation mammoplasty, not otherwise specified

85.51 Unilateral injection into breast for augmentation  
Excludes: injection of fat graft of breast (85.55)

85.52 Bilateral injection into breast for augmentation  
Injection into breast for augmentation NOS  
Excludes: injection of fat graft of breast (85.55)

- 85.53 Unilateral breast implant
- 85.54 Bilateral breast implant  
Breast implant NOS
- 85.55 Fat graft to breast  
Includes: extraction of fat for autologous graft  
Autologous fat transplantation or transfer  
Fat graft to breast NOS  
Fat graft to breast with or without use of enriched graft  
Micro-fat grafting  
Excludes: that with reconstruction of breast (85.70-85.79)
- 85.6 Mastopexy
- 85.7 Total reconstruction of breast
  - 85.70 Total reconstruction of breast, not otherwise specified  
Perforator flap, free
  - 85.71 Latissimus dorsi myocutaneous flap
  - 85.72 Transverse rectus abdominis myocutaneous (TRAM) flap, pedicled  
Excludes: transverse rectus abdominis myocutaneous (TRAM) flap, free (85.73)
  - 85.73 Transverse rectus abdominis myocutaneous (TRAM) flap, free  
Excludes: transverse rectus abdominis myocutaneous (TRAM) flap, pedicled (85.72)
  - 85.74 Deep inferior epigastric artery perforator (DIEP) flap, free
  - 85.75 Superficial inferior epigastric artery (SIEA) flap, free
  - 85.76 Gluteal artery perforator (GAP) flap, free
  - 85.79 Other total reconstruction of breast  
Excludes: deep inferior epigastric artery perforator (DIEP) flap, free (85.74)  
gluteal artery perforator flap, free (85.76)  
latissimus dorsi myocutaneous flap (85.71)  
perforator flap, free (85.70)  
superficial inferior epigastric artery (SIEA) flap, free (85.75)  
total reconstruction of breast, not otherwise specified (85.70)  
transverse rectus abdominis myocutaneous (TRAM) flap, free (85.73)  
transverse rectus abdominis myocutaneous (TRAM) flap, pedicled (85.72)
- 85.8 Other repair and plastic operations on breast  
Excludes: that for:
  - augmentation (85.50-85.54)
  - reconstruction (85.70-85.76, 85.79)
  - 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, 85.55)
  - 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 (18.01-18.9)
    - eyebrow (08.01-08.99)
    - eyelid (08.01-08.99)
    - female perineum (71.01-71.9)
    - lips (27.0-27.99)
    - nose (21.00-21.99)
    - penis (64.0-64.99)
    - 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 carotid sinus baroreflex activation device

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 for drainage (86.04)

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 Closed 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 cyst

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) (86.27)  
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 preauricular appendage (18.29)

86.27 Debridement of nail, nail bed, or nail fold

Removal of:

necrosis  
slough

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:

brushing  
irrigation (under pressure)  
scrubbing  
washing

Ultrasonic debridement

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-plasty

Excludes: adipoectomy (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 (70.61-70.64)

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:  
amniotic 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 (70.61-70.64)

86.70 Pedicle or flap graft, not otherwise specified

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 eyelid (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)  
              liposuction to harvest fat graft (86.90)

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

86.87 Fat graft of skin and subcutaneous tissue

Includes: extraction of fat for autologous graft

Autologous fat transplantation or transfer

Fat graft to breast NOS

Fat graft to breast with or without use of enriched graft

Micro-fat grafting

Excludes: fat graft to breast (85.55)

86.89 Other repair and reconstruction of skin and subcutaneous tissue

Excludes: mentoplasty (76.67-76.68)

86.9 Other operations on skin and subcutaneous tissue

86.90 Extraction of fat for graft or banking

Harvest of fat for extraction of cells for future use

Liposuction to harvest fat graft

Excludes: that with graft at same operative episode (85.55, 86.87)

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, single port) for intracranial, spinal, and peripheral neurostimulator

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

Excludes: cranial implantation or replacement of neurostimulator pulse generator (01.20)

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

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

Pulse generator (multiple array, multiple channel, multiple port)) for intracranial, spinal, and peripheral neurostimulator

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

Excludes: cranial implantation or replacement of neurostimulator pulse generator (01.20)

insertion or replacement of multiple 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: cranial implantation or replacement of neurostimulator pulse generator (01.20)  
insertion of multiple 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, single port) for intracranial, spinal, and peripheral neurostimulator

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

Excludes: cranial implantation or replacement of neurostimulator pulse generator (01.20)

86.98 Insertion or replacement of multiple array (two or more) rechargeable neurostimulator pulse generator  
Rechargeable pulse generator (multiple array, multiple channel, multiple port) for intracranial, spinal, and peripheral neurostimulator

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

Excludes: cranial implantation or replacement of neurostimulator pulse generator (01.20)

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)**

87 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  
C.A.T. 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
    - larynx
    - nasolacrimal duct
    - nasopharynx
    - 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
  - Sacroccocygeal x-ray

87.29 Other x-ray of spine  
Spinal x-ray NOS

87.3 Soft tissue x-ray of thorax

Excludes: angiocardigraphy (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: angiocardigraphy (88.50-88.58)  
angiography (88.40-88.68)

87.41 Computerized axial tomography of thorax  
C.A.T. scan of:  
heart  
thorax  
Crystal line scan of x-ray beam of thorax  
Electronic subtraction 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

Excludes: C.A.T. scan of heart (87.41)

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  
lung 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 hysteroqram
- 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)

- 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-ray
  - 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 pelvi 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)
      - heart (87.41)
      - 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)

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: angiocardiology (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  
    cineangiocardiology  
    selective angiocardiology

Code also synchronous cardiac catheterization (37.21-37.23)

Excludes: angiography 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: intra-operative fluorescence vascular angiography (88.59)  
    that combined with left heart angiocardiology (88.54)

88.53 Angiocardiography of left heart structures  
    Angiocardiography of:

aortic valve  
left atrium  
left ventricle (outflow tract)

Excludes: intra-operative fluorescence vascular angiography (88.59)  
that combined with right heart angiocardiology (88.54)

88.54 Combined right and left heart angiocardiology

Excludes: intra-operative fluorescence vascular angiography (88.59)

88.55 Coronary arteriography using a single catheter  
Coronary arteriography by Sones technique  
Direct selective coronary arteriography  
using a single catheter

Excludes: intra-operative fluorescence vascular angiography (88.59)

88.56 Coronary arteriography using two catheters  
Coronary arteriography by:  
Judkins technique  
Ricketts and Abrams technique  
Direct selective coronary arteriography using two catheters

Excludes: intra-operative fluorescence vascular angiography (88.59)

88.57 Other and unspecified coronary arteriography  
Coronary arteriography NOS

Excludes: intra-operative fluorescence vascular angiography (88.59)

88.58 Negative-contrast cardiac roentgenography  
Cardiac roentgenography with injection of carbon dioxide

88.59 Intra-operative coronary fluorescence vascular angiography  
Intraoperative laser arteriogram (SPY)  
SPY arteriogram  
SPY arteriography

## 88.6 Phlebography

Includes: angiography of veins  
radiography of veins (by fluoroscopy)  
retrograde phlebography  
venipuncture for injection of contrast material  
venography using contrast material

Note: The fourth-digit subclassification (88.60-88.67) identifies the site 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)  
that for intraoperative monitoring (00.94)

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 Thermography
  - 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
  - 88.91 Magnetic resonance imaging of brain and brain stem
    - Excludes: intraoperative magnetic resonance imaging (88.96)
    - laser interstitial thermal therapy [LITT] of lesion or tissue of brain under guidance (17.61)
    - real-time magnetic resonance imaging (88.96)
  - 88.92 Magnetic resonance imaging of chest and myocardium
    - For evaluation of hilar and mediastinal lymphadenopathy
    - Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of breast under guidance (17.69)
    - laser interstitial thermal therapy [LITT] of lesion or tissue of lung under guidance (17.69)
  - 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 Magnetic resonance imaging of pelvis, prostate, and bladder
    - Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of prostate under guidance (17.69)
  - 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

Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of other and unspecified site under guidance (17.69)

88.98 Bone mineral density studies  
Dual photon absorptiometry  
Quantitative computed tomography (CT) studies  
Radiographic densitometry  
Single photon absorptiometry

89 Interview, evaluation, consultation, and examination

89.0 Diagnostic interview, consultation, and evaluation

Excludes: 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

89.06 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

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

Excludes: intraoperative monitoring (00.94)

## 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

Excludes: endoscopic pulmonary airway flow measurement (33.72)

89.38 Other nonoperative respiratory measurements  
Plethysmography for measurement of respiratory function  
Thoracic impedance plethysmography

Excludes: endoscopic pulmonary airway flow measurement (33.72)

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)  
noninvasive 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

89.49 Automatic implantable cardioverter/defibrillator (AICD) check  
Bedside check of an AICD or cardiac resynchronization defibrillator [CRT-D]  
Checking pacing thresholds of device  
Interrogation only without arrhythmia induction

Excludes: catheter based invasive electrophysiologic testing (37.26)  
noninvasive 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 monitoring (89.50)  
electrographic monitoring durin 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  
Excludes: intra-aneurysm sac pressure monitoring (intraoperative) (00.58)  
intravascular pressure measurement of intrathoracic arteries (00.67)  
intravascular pressure measurement of peripheral arteries (00.68)

89.62 Central venous pressure monitoring  
Excludes: intravascular pressure measurement, other specified and unspecified vessels (00.69)

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 gas monitoring (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  
Excludes: intravascular pressure measurement of coronary arteries (00.59)
- 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:

- 1 bacterial smear
- 2 culture
- 3 culture and sensitivity
- 4 parasitology
- 5 toxicology
- 6 cell block and Papanicolaou smear
- 9 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
- 90.2 Microscopic examination of specimen from eye
- 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
- 90.6 Microscopic examination of specimen from spleen and of bone marrow
- 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
- 90.9 Microscopic examination of specimen from lower gastrointestinal tract and of stool
- 91 Microscopic examination-II

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
- 91.1 Microscopic examination of peritoneal and retroperitoneal specimen
- 91.2 Microscopic examination of specimen from kidney, ureter, perirenal and periureteral tissue
- 91.3 Microscopic examination of specimen from bladder, urethra, prostate, seminal vesicle, perivesical tissue, and of urine and semen
- 91.4 Microscopic examination of specimen from female genital tract
  - Amnionic sac
  - Fetus
- 91.5 Microscopic examination of specimen from musculoskeletal system and of joint fluid
  - 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 (91.71-91.79)
- 91.7 Microscopic examination of specimen from operative wound
- 91.8 Microscopic examination of specimen from other site
- 91.9 Microscopic examination of specimen from unspecified site
- 92 Nuclear medicine
- 92.0 Radioisotope scan and function study
  - 92.01 Thyroid scan and radioisotope function studies
    - Iodine-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: eye (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:  
Betatron  
linear accelerator

92.25 Teleradiotherapy using electrons  
Beta particles

Excludes: intra-operative electron radiation therapy (92.41)

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  
Yttrium-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 accelerator

92.39 Stereotactic radiosurgery, not elsewhere classified

92.4 Intra-operative radiation procedures

92.41 Intra-operative electron radiation therapy  
IOERT  
That using a mobile linear accelerator

93 Physical therapy, respiratory therapy, rehabilitation, and related procedures

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 for intraoperative monitoring (00.94)
    - that with polysomnogram (89.17)
    - urethral sphincter EMG (89.23)
- 93.09 Other diagnostic physical therapy procedure
- 93.1 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 of 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
  - 93.25 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 Skeletal 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 jacket  
molded neck support

93.53 Application of other cast

93.54 Application of splint

Plaster splint  
Tray 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 Jones' 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  
Strapping (non-traction)  
Velpau 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, low-amplitude forces

Thrusting forces

93.63 Osteopathic manipulative treatment using low- velocity, high-amplitude 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 Respiratory therapy
  - Excludes: insertion of airway (96.01-96.05)  
other continuous invasive (through endotracheal tube or tracheostomy) mechanical ventilation (96.70-96.72)
  - 93.90 Non-invasive mechanical ventilation  
Bi-level airway pressure



BiPAP without (delivery through) endotracheal tube or tracheostomy  
CPAP without (delivery through) endotracheal tube or tracheostomy  
Mechanical ventilation NOS  
Non-invasive positive pressure (NIPPV)  
Non-invasive PPV  
NPPV  
That delivered by non-invasive interface:  
face mask  
nasal mask  
nasal pillow  
oral mouthpiece  
oronasal mask

Excludes: invasive (through endotracheal tube or tracheostomy) continuous mechanical ventilation (96.70-96.72)

Note: Patients admitted on *non-invasive* mechanical ventilation that subsequently require *invasive* mechanical ventilation; code both types of mechanical ventilation.

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: oxygenation of wound (93.59)

93.96 Other oxygen enrichment  
Catalytic oxygen therapy  
Cyto-reductive effect  
Oxygenators  
Oxygen therapy

Excludes: oxygenation of wound (93.59)  
SuperSaturated oxygen therapy (00.49)

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 testamentary capacity
    - Medicolegal mental status determination
    - Mental status determination NOS
  - 94.12 Routine psychiatric visit, not otherwise specified
  - 94.13 Psychiatric commitment evaluation
    - Pre-commitment interview
  - 94.19 Other psychiatric interview and evaluation
    - Follow-up psychiatric interview NOS
- 94.2 Psychiatric somatotherapy
  - 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 Individual 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
  - 94.45 Drug addiction counselling
  - 94.46 Alcoholism counselling
  - 94.49 Other counselling
- 94.5 Referral 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 Alcohol 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
- 94.67 Combined alcohol and drug rehabilitation
- 94.68 Combined alcohol and drug detoxification
- 94.69 Combined alcohol and drug rehabilitation and detoxification
- 95 Ophthalmologic and otologic diagnosis and treatment
- 95.0 General and subjective eye examination
  - 95.01 Limited eye examination
    - 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
- 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 eye
  - 95.14 X-ray study of eye
  - 95.15 Ocular motility study
  - 95.16 P32 and other tracer studies of eye
- 95.2 Objective functional tests of eye
- 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 Nonoperative intubation and irrigation
- 96.0 Nonoperative 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 (nasal-)gastric tube  
Intubation for decompression  
Excludes: that for enteral infusion of nutritional substance (96.6)
  - 96.08 Insertion of (nasal-)intestinal tube  
Miller-Abbott tube (for decompression)
  - 96.09 Insertion of rectal tube  
Replacement of rectal tube
- 96.1 Other nonoperative insertion  
Excludes: nasolacrimal intubation (09.44)
  - 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 Nonoperative 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 Reduction of intussusception of alimentary tract
  - With:
    - fluoroscopy
    - ionizing radiation enema
    - ultrasonography guidance
    - Hydrostatic reduction
    - Pneumatic reduction
  - Excludes: intra-abdominal manipulation of intestine, not otherwise specified (46.80)
- 96.3 Nonoperative alimentary tract irrigation, cleaning, and local instillation
  - 96.31 Gastric cooling
    - Gastric hypothermia
  - 96.32 Gastric freezing
  - 96.33 Gastric lavage
  - 96.34 Other irrigation of (nasogastric) 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
  - 96.46 Irrigation of ureterostomy and ureteral catheter
  - 96.47 Irrigation of cystostomy
  - 96.48 Irrigation of other indwelling urinary catheter
  - 96.49 Other genitourinary instillation
    - Insertion of prostaglandin suppository

96.5 Other nonoperative irrigation and cleaning

96.51 Irrigation of eye  
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 bronchoalveolar lavage (BAL)(33.24)  
whole lung 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 invasive mechanical ventilation

Includes: BiPAP delivered through endotracheal tube or tracheostomy (invasive interface)  
CPAP delivered through endotracheal tube or tracheostomy (invasive interface)  
Endotracheal respiratory assistance  
Invasive positive pressure ventilation [IPPV]  
Mechanical ventilation through invasive interface  
That by tracheostomy  
Weaning of an intubated (endotracheal tube) patient

Excludes: non-invasive bi-level positive airway pressure [BiPAP] (93.90)  
continuous negative pressure ventilation [CNP] (iron lung) (cuirass) (93.99)

non-invasive 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:

endotracheal tube insertion (96.04)  
tracheostomy (31.1-31.29)

Note: Endotracheal Intubation

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 invasive mechanical ventilation of unspecified duration  
Invasive mechanical ventilation NOS
- 96.71 Continuous invasive mechanical ventilation for less than 96 consecutive hours
- 96.72 Continuous invasive 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 (nasogastric 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
    - Splinting
    - Strapping
  - 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)
- 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 Nonoperative removal of therapeutic device from head and neck
  - 97.31 Removal of eye prosthesis
    - Excludes: removal of ocular implan (16.71)
    - removal of orbital implan (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
  - 97.38 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 Nonoperative 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
    - Excludes: Endoscopic removal of bronchial device(s) or substances (33.78)
- 97.5 Nonoperative 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
- 97.54 Removal of cholecystostomy tube
- 97.55 Removal of T-tube, other bile duct tube, or liver tube  
Removal of bile duct stent
- 97.56 Removal of pancreatic tube or drain
- 97.59 Removal of other device from digestive system  
Removal of rectal packing
- 97.6 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
- 97.7 Nonoperative 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
- 97.8 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

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

Excludes: Endoscopic removal of bronchial device(s) or substances (33.78)

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 eye 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]
  - Lithotripter 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

Code also 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)
- 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 (41.00-41.09)

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  
Retepase  
Streptokinase  
Tenecteplase  
Tissue plasminogen activator (TPA)  
Urokinase

Excludes: aspirin - omit code  
GP IIB/IIIa plalet inhibitor (99.20)  
heparin (99.19)  
SuperSaturated oxygen therapy (00.49)  
warfarin - omit code

99.11 Injection of Rh immune globulin

Injection of:  
Anti-D (Rhesus) globulin  
RhoGAM

99.12 Immunization for allergy  
Desensitization

99.13 Immunization for autoimmune disease

99.14 Injection or infusion of immunoglobulin  
Injection of immune sera  
Injection or infusion of gamma globulin

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)

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

Code also for:

injection (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)

Excludes: SuperSaturated oxygen therapy (00.49)

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

Use additional code: for disruption of blood brain barrier, if performed [BBBD] (00.19)

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)  
intravenous infusion of clofarabine (17.70)

99.26 Injection of tranquilizer

99.27 Iontophoresis

- 99.28 Injection or infusion of biological response modifier [BRM] as an antineoplastic agent
  - Immunotherapy, antineoplastic
  - Infusion of cintredekin besudotox
  - Interleukin therapy
  - Low-dose interleukin-2 (IL-2) 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)
  - infusion of blood brain barrier disruption substance (00.19)
  - injection of sclerosing 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)
  - uterine artery embolization without coils (68.25)
- 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 (99.39)
  - 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 Prophylactic 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
    - Excludes: extracorporeal immunoadsorption [ECI] 99.76
  - 99.72 Therapeutic leukopheresis
    - Therapeutic leukocytapheresis
  - 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
    - Apheresis (harvest) of stem cells
- 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)
  - 99.82 Ultraviolet light therapy
    - Actinotherapy

99.83 Other phototherapy  
Phototherapy of the newborn

Excludes: extracorporeal photochemotherap (99.88)  
photocoagulation of retinal lesion (14.23-14.25, 14.33-14.35, 14.53-14.55)

99.84 Isolation  
Isolation after contact with infectious disease  
Protection of individual from his surroundings  
Protection of surroundings from individual

99.85 Hyperthermia for treatment of cancer  
Hyperthermia (adjunct therapy) induced by microwave, ultrasound, low energy radio frequency, probes (interstitial), or other means in the treatment of cancer

Code also any concurrent chemotherapy or radiation therapy

99.86 Non-invasive placement of bone growth stimulator  
Transcutaneous (surface) placement of pads or patches for stimulation to aid bone healing

Excludes: insertion of invasive or semi invasive bone growth stimulators (device) (percutaneous electrodes) (78.90-78.99)

99.88 Therapeutic photopheresis  
Extracorporeal photochemotherapy  
Extracorporeal photopheresis

Excludes: other phototherapy (99.83)  
ultraviolet light therap (99.82)

99.9 Other miscellaneous procedures

99.91 Acupuncture for anesthesia

99.92 Other acupuncture  
Excludes: that with smouldering mox (93.35)

99.93 Rectal massage (for levator spasm)

99.94 Prostatic massage

99.95 Stretching of foreskin

99.96 Collection of sperm for artificial insemination

99.97 Fitting of denture

99.98 Extraction of milk from lactating breast

99.99 Other  
Leech therapy