

CLASSIFICATION OF PROCEDURES *(Notes in italics have been added by the study researchers for clarification)*

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

0 Procedures and interventions, Not Elsewhere Classified

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 (36.01,36.02, 36.05, 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           Pharamaceuticals

00.1           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

00.2            Intravascular imaging of blood vessels  
Endovascular ultrasonography  
Intravascular ultrasound (IVUS)  
Code also any synchronous diagnostic or therapeutic procedures  
Excludes: 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

Code also diagnostic or therapeutic procedure

Excludes: stereotactic frame application only (93.59)

00.31 Computer assisted surgery with CT/CTA

00.32 Computer assisted surgery with MR/MRA

00.33 Computer assisted surgery with fluoroscopy

00.34 Imageless computer assisted surgery

00.35 Computer assisted surgery with multiple datasets

00.39 Other computer assisted surgery

Computer assisted surgery NOS

- 00.5 Other cardiovascular procedures
- 00.5 Implantation of cardiac resynchronization pacemaker without mention of defibrillation, total system [CRT-P]  
Biventricular pacing without internal cardiac defibrillator  
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.  
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]  
Biventricular pacing with internal cardiac 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.  
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  
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  
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 peripheral vessel stent(s)  
Endograft(s)  
Endovascular graft(s)  
Stent grafts  
Code also any angioplasty or atherectomy of other non-coronary vessel(s) (39.50)  
Excludes: drug-coated peripheral stents, e.g., heparin coated (39.90)  
insertion of cerebrovascular stent(s) (00.63-00.65)  
insertion of drug-eluting coronary artery stent (36.07)  
insertion of non-drug-eluting stent(s):  
coronary artery (36.06)  
peripheral vessel (39.90)  
that for aneurysm repair (39.71 - 39.79)
- 00.6            Procedures on blood vessels  
Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50)  
insertion of coronary artery stent(s) (36.06- 36.07)  
insertion of drug-eluting peripheral vessel stent(s) (00.55)  
insertion of non-drug-eluting peripheral vessel stent(s) (39.90)
- 00.61            Percutaneous angioplasty or atherectomy of precerebral (extracranial) vessel(s)  
Basilar  
Carotid  
Vertebral  
Code also any:  
injection or infusion of thrombolytic agent (99.10)  
percutaneous insertion of carotid artery stent(s) (00.63)  
percutaneous insertion of other precerebral artery stent(s) (00.64)  
Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50)  
removal of cerebrovascular obstruction of vessel(s) by open approach (38.01-38.02, 38.11-38.12, 38.31-38.32, 38.41-38.42)
- 00.62            Percutaneous angioplasty or atherectomy of intracranial vessel(s)  
Code also any: injection or infusion of thrombolytic agent (99.10)  
percutaneous insertion of intracranial stent(s) (00.65)  
Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50)  
removal of cerebrovascular obstruction of vessel(s) by open approach (38.01-38.02, 38.11-38.12, 38.31-38.32, 38.41-38.42)
- 00.63            Percutaneous insertion of carotid artery stent(s)  
Includes the use of any embolic protection device, distal protection device, filter device, or stent delivery system

Non-drug-eluting stent  
Code also percutaneous angioplasty or atherectomy of precerebral vessel(s) (00.61)

00.64 Percutaneous insertion of other precerebral (extracranial) artery stent(s)  
Includes the use of any embolic protection device, distal protection device, filter device, or stent delivery system  
Basilar stent  
Vertebral stent  
Code also percutaneous angioplasty or atherectomy of precerebral vessel(s) (00.61)

00.65 Percutaneous insertion of intracranial vascular stent(s)  
Includes the use of any embolic protection device, distal protection device, filter device, or stent delivery system  
Code also percutaneous angioplasty or atherectomy of intracranial vessel(s) (00.62)

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

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

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

1 Cranial puncture

01.01 Cisternal puncture  
Cisternal tap  
Excludes: pneumocisternogram (87.02)

01.02 Ventriculopuncture through previously implanted catheter  
Puncture of ventricular shunt tubing

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

- 01.1 Diagnostic procedures on skull, brain, and cerebral meninges
- 01.11 Closed [percutaneous] [needle] biopsy of cerebral meninges
  - Burr hole approach
- 01.12 Open biopsy of cerebral meninges
- 01.13 Closed [percutaneous] [needle] biopsy of brain
  - Burr hole approach
  - Stereotactic method
- 01.14 Open biopsy of brain
- 01.15 Biopsy of skull
- 01.18 Other diagnostic procedures on brain and cerebral meninges
  - Excludes: cerebral:
    - arteriography (88.41)
    - thermography (88.81)
    - contrast radiogram of brain (87.01-87.02)
    - echoencephalogram (88.71)
    - electroencephalogram (89.14)
    - microscopic examination of specimen from nervous system and of spinal fluid (90.01-90.09)
    - neurologic examination (89.13)
    - phlebography of head and neck (88.61)
    - pneumoencephalogram (87.01)
    - radioisotope scan:
      - cerebral (92.11)
      - head NEC (92.12)
    - tomography of head:
      - C.A.T. scan (87.03)
      - other (87.04)
- 01.19 Other diagnostic procedures on skull
  - Excludes: transillumination of skull (89.16)
  - x-ray of skull (87.17)
- 01.2 Craniotomy and craniectomy
  - Excludes: decompression of skull fracture (02.02)
  - exploration of orbit (16.01-16.09)
  - that as operative approach -- omit code
- 01.21 Incision and drainage of cranial sinus

- 01.22 Removal of intracranial neurostimulator lead(s)  
Code also any removal of neurostimulator pulse generator (86.05)  
Excludes: removal with synchronous replacement (02.93)
- 01.23 Reopening of craniotomy site
- 01.24 Other craniotomy
- Cranial:  
decompression  
exploration  
trephination  
Craniotomy NOS  
Craniotomy with removal of:  
epidural abscess  
extradural hematoma  
foreign body of skull  
Excludes: removal of foreign body with incision into brain (01.39)
- 01.25 Other craniectomy
- Debridement of skull NOS  
Sequestrectomy of skull  
Excludes: debridement of compound fracture of skull (02.02)  
strip craniectomy (02.01)
- 01.3 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

Curettage of brain  
 Debridement of brain  
 Marsupialization of brain cyst  
 Transtemporal (mastoid) excision of brain tumor  
 Excludes: biopsy of brain (01.13-01.14)  
 that by stereotactic radiosurgery (92.30 - 92.39)

01.6 Excision of lesion of skull

Removal of granulation tissue of cranium  
 Excludes: biopsy of skull (01.15)  
 sequestrectomy (01.25)

2 Other operations on skull, brain, and cerebral meninges

2 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

This instruction is used in the Tabular List for two purposes:

1)           To code components of a procedure that are performed at the same time, and

2)           To code the use of special adjunctive procedures or equipment. 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  
Anastomosis of ventricle to:  
cervical subarachnoid space  
cisterna magna  
Insertion of Holter valve  
Ventriculocisternal intubation  
02.3 Extracranial ventricular shunt  
This note a that with insertion of valve  
02.31 Ventricular shunt to structure in head and neck  
Ventricle to nasopharynx shunt  
Ventriculomastoid anastomosis  
02.32 Ventricular shunt to circulatory system  
Ventriculoatrial anastomosis  
Ventriculocaval shunt  
02.33 Ventricular shunt to thoracic cavity  
Ventriculopleural anastomosis  
02.34 Ventricular shunt to abdominal cavity and organs  
Ventriculocholecystostomy  
Ventriculoperitoneostomy  
02.35 Ventricular shunt to urinary system  
Ventricle to ureter shunt  
02.39 Other operations to establish drainage of ventricle  
Ventricle to bone marrow shunt  
Ventricular shunt to extracranial site NEC  
02.4 Revision, removal, and irrigation of ventricular shunt  
Excludes: revision of distal catheter of ventricular shunt (54.95)  
02.41 Irrigation and exploration of ventricular shunt  
Exploration of ventriculoperitoneal shunt at ventricular site  
Re-programming of ventriculoperitoneal shunt  
02.42 Replacement of ventricular shunt  
Reinsertion of Holter valve

Replacement of ventricular catheter  
 Revision of ventriculoperitoneal shunt at ventricular site  
 02.43 Removal of ventricular shunt  
 02.9 Other operations on skull, brain, and cerebral meninges  
 Excludes: operations on:  
 pineal gland (07.17, 07.51-07.59)  
 pituitary gland [hypophysis] (07.13-07.15, 07.61-07.79)  
 02.91 Lysis of cortical adhesions  
 02.92 Repair of brain  
 02.93 Implantation or replacement of intracranial neurostimulator lead(s)  
 Implantation, insertion, placement, or replacement of intracranial:  
 brain pacemaker [neuropacemaker]  
 depth electrodes  
 epidural pegs  
 electroencephalographic receiver  
 foramen ovale electrodes  
 intracranial electrostimulator  
 subdural grids  
 subdural strips  
 Code also any insertion of neurostimulator pulse generator (86.94-86.96)  
 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)  
 3 Operations on spinal cord and spinal canal structures  
 Code also any application or administration of an adhesion barrier substance (99.77)  
 3 Exploration and decompression of spinal canal structures  
 03.01 Removal of foreign body from spinal canal  
 03.02 Reopening of laminectomy site  
 03.09 Other exploration and decompression of spinal canal

Decompression:

laminectomy

laminotomy

Expansile laminoplasty

Exploration of spinal nerve root

Foraminotomy

Excludes: drainage of spinal fluid by anastomosis (03.71-03.79)

laminectomy with excision of intervertebral disc (80.51)

spinal tap (03.31)

that as operative approach -- omit code

03.1 Division of intraspinal nerve root

Rhizotomy

03.2 Chordotomy

03.21 Percutaneous chordotomy

Stereotactic chordotomy

03.29 Other chordotomy

Chordotomy NOS

Tractotomy (one-stage) (two-stage) of spinal cord

Transection of spinal cord tracts

03.3 Diagnostic procedures on spinal cord and spinal canal structures

03.31 Spinal tap

Lumbar puncture for removal of 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: kyphoplasty (78.49)
- vertebroplasty (78.49)
- 03.59 Other repair and plastic operations on spinal cord structures
- Repair of:
- diastematomyelia
- 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
- This note a 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
- 03.9 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)
- This instruction is used in the Tabular List for two purposes:
- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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 (86.94-86.96)
- 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
- 4 Operations on cranial and peripheral nerves
- 4 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)  
 04.8 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 (86.94-86.96)  
 04.93 Removal of peripheral neurostimulator lead(s)  
 Code also any removal of neurostimulator pulse generator (86.05)  
 04.99 Other  
 5 Operations on sympathetic nerves or ganglia  
 Excludes: paracervical uterine denervation (69.3)  
 5 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)  
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)

- 6 Operations on thyroid and parathyroid glands
- This note a incidental resection of hyoid bone
- 6 Incision of thyroid field
- Excludes: division of isthmus (06.91)
- 06.01 Aspiration of thyroid field
- Percutaneous or needle drainage of thyroid field
- Excludes: aspiration biopsy of thyroid (06.11)
- drainage by incision (06.09)
- postoperative aspiration of field (06.02)
- 06.02 Reopening of wound of thyroid field
- Reopening of wound of thyroid field for:
  - control of (postoperative) hemorrhage
  - examination
  - exploration
  - removal of hematoma
- 06.09 Other incision of thyroid field
- Drainage of hematoma by incision
- Drainage of thyroglossal tract by incision
- Exploration:
  - neck by incision

thyroid (field) by incision

Removal of foreign body by incision

Thyroidotomy NOS by incision

Excludes: postoperative exploration (06.02)

removal of hematoma by aspiration (06.01)

06.1 Diagnostic procedures on thyroid and parathyroid glands

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

Aspiration biopsy of thyroid

06.12 Open biopsy of thyroid gland

06.13 Biopsy of parathyroid gland

06.19 Other diagnostic procedures on thyroid and parathyroid glands

Excludes: radioisotope scan of:

parathyroid (92.13)

thyroid (92.01)

soft tissue x-ray of thyroid field (87.09)

06.2 Unilateral thyroid lobectomy

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

Hemithyroidectomy

Excludes: partial substernal thyroidectomy (06.51)

06.3 Other partial thyroidectomy

06.31 Excision of lesion of thyroid

Excludes: biopsy of thyroid (06.11-06.12)

06.39 Other

Isthmectomy

Partial thyroidectomy NOS

Excludes: partial substernal thyroidectomy (06.51)

06.4 Complete thyroidectomy

Excludes: complete substernal thyroidectomy (06.52)

that with laryngectomy (30.3-30.4)

06.5 Substernal thyroidectomy

06.5 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

7            Operations on other endocrine glands

This note a operations on:

adrenal glands

pineal gland

pituitary gland

thymus

Excludes: operations on:

aortic and carotid bodies (39.8)

ovaries (65.0-65.99)

pancreas (52.01-52.99)

testes (62.0-62.99)

7            Exploration of adrenal field

Excludes: incision of adrenal (gland) (07.41)

- 7 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  
 Pinealectomy (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

07.8 Thymectomy, not otherwise specified

07.81 Partial excision of thymus

Excludes: biopsy of thymus (07.16)

07.82 Total excision of thymus

07.9 Other operations on thymus

07.91 Exploration of thymus field

Excludes: exploration with incision of thymus (07.92)

07.92 Incision of thymus

07.93 Repair of thymus

07.94 Transplantation of thymus

07.99 Other

Thymopexy

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

8 Operations on eyelids

This note a operations on the eyebrow

8 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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any synchronous reconstruction (08.61-08.74)

Excludes: biopsy of eyelid (08.11)

08.2 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)  
08.7            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

9 Operations on lacrimal system

9 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

09.2 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

This note a 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            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 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)  
 11.6 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 Removal of intraocular foreign body from anterior segment of eye
- 12 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
- 12.4 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)
- 12.69 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 Removal of foreign body from lens
  - Excludes: removal of pseudophakos (13.8)
- 13 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
  - This instruction is used in the Tabular List for two purposes:
    - 1) To code components of a procedure that are performed at the same time, and
    - 2) To code the use of special adjunctive procedures or equipment. 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
- Eryiphake extraction of cataract
- Extraction of lens NOS
- 13.2 Extracapsular extraction of lens by linear extraction technique
- 13.3 Extracapsular extraction of lens by simple aspiration (and irrigation) technique
- Irrigation of traumatic cataract
- 13.4 Extracapsular extraction of lens by fragmentation and aspiration technique
- 13.41 Phacoemulsification and aspiration of cataract
- 13.42 Mechanical phacofragmentation and aspiration of cataract by posterior route
  - This instruction is used in the Tabular List for two purposes:
    - 1) To code components of a procedure that are performed at the same time, and
    - 2) To code the use of special adjunctive procedures or equipment. Code also any synchronous vitrectomy (14.74)
- 13.43 Mechanical phacofragmentation and other aspiration of cataract
- 13.5 Other extracapsular extraction of lens
  - This instruction is used in the Tabular List for two purposes:
    - 1) To code components of a procedure that are performed at the same time, and
    - 2) To code the use of special adjunctive procedures or equipment. 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
  - This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any synchronous insertion of pseudophakos (13.71)
- 13.64 Discission of secondary membrane [after cataract]
- 13.65 Excision of secondary membrane [after cataract] Capsulectomy
- 13.66 Mechanical fragmentation of secondary membrane [after cataract]
- 13.69 Other cataract extraction
- 13.7 Insertion of prosthetic lens [pseudophakos]
- 13.7 Insertion of pseudophakos, not otherwise specified
- 13.71 Insertion of intraocular lens prosthesis at time of cataract extraction, one-stage

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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
- 14 Operations on retina, choroid, vitreous, and posterior chamber
- 14 Removal of foreign body from posterior segment of eye
- Excludes: removal of surgically implanted material (14.6)
- 14 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

This note a 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
  - This note a 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
  - This note a 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  
 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 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 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: Terms follo 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: Terms follo injection of radiographic contrast material (87.14)
  - opticociliary injection (12.79)
- 16.92 Excision of lesion of orbit

Excludes: biopsy of orbit (16.23)

16.93 Excision of lesion of eye, unspecified structure

Excludes: biopsy of eye NOS (16.23)

16.98 Other operations on orbit

16.99 Other operations on eyeball

4. OPERATIONS ON THE EAR (18-20)

18 Operations on external ear

This note a operations on:

external auditory canal

skin and cartilage of:

auricle

meatus

18 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 Stapes mobilization

Division, otosclerotic:  
material  
process

Remobilization of stapes

Stapediolysis

Transcrural stapes mobilization

Excludes: that with synchronous stapedectomy (19.11-19.19)

19.1 Stapedectomy

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

19.11 Stapedectomy with incus replacement

Stapedectomy with incus:  
homograft  
prosthesis

19.19 Other stapedectomy

19.2 Revision of stapedectomy

19.21 Revision of stapedectomy with incus replacement

19.29 Other revision of stapedectomy

19.3 Other operations on ossicular chain

Incudectomy NOS

Ossiculectomy NOS

Reconstruction of ossicles, second stage

19.4 Myringoplasty

Epitympanic, type I

Miringoplasty 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            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: Terms follow auditory and vestibular function tests (89.13, 95.41-95.49)
  - microscopic examination of specimen from ear (90.31-90.39)
- 20.4 Mastoidectomy
  - This instruction is used in the Tabular List for two purposes:
    - 1) To code components of a procedure that are performed at the same time, and
    - 2) To code the use of special adjunctive procedures or equipment. 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  
Poltzerization 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  
 This note a 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  
 This note a 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  
 This note a mastoidectomy  
 Excludes: electromagnetic hearing device (20.95)
- 20.99            Other operations on middle and inner ear  
 Repair or removal of cochlear prosthetic device (receiver) (electrode)  
 Excludes: adjustment (external components) of cochlear prosthetic device (95.49)  
 fitting of hearing aid (95.48)
5. OPERATIONS ON THE NOSE, MOUTH, AND PHARYNX (21-29)
- 21                Operations on nose  
 This note a operations on:  
 bone of nose  
 skin of nose
- 21                Control of epistaxis
- 21                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)
- 21.3 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 Aspiration and lavage of nasal sinus
- 22 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
- 22.5 Sinusotomy, not otherwise specified
- 22.51 Ethmoidotomy
- 22.52 Sphenoidotomy
- 22.53 Incision of multiple nasal sinuses
- 22.6 Other nasal sinusectomy
- This note a that with incidental turbinectomy
- Excludes: biopsy of nasal sinus (22.11-22.12)

22.6 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 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
- 23.7 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 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) (intra-septal) (radical) (simple) (with graft or implant)
  - Excludes: Terms follow 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: Terms follo 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 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: Terms follo biopsy of tongue (25.01-25.02)

frenumectomy:

labial (27.41)

lingual (25.92)

25.2 Partial glossectomy

25.3 Complete glossectomy

Glossectomy NOS

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment.Code also any neck dissection (40.40-40.42)

25.4 Radical glossectomy

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment.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
  - This note a operations on:
    - lesser salivary gland and duct
    - parotid gland and duct
    - sublingual gland and duct
    - submaxillary gland and duct
  - This instruction is used in the Tabular List for two purposes:
    - 1) To code components of a procedure that are performed at the same time, and
    - 2) To code the use of special adjunctive procedures or equipment.Code also any neck dissection (40.40-40.42)
- 26 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
    - 26.3 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
  - This note a 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 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 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 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
- This note a operations on:
  - hypopharynx
  - nasopharynx
  - oropharynx
  - pharyngeal pouch
  - pyriform sinus
- 29 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                    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                    Injection of larynx
- Injection of inert material into larynx or vocal cords
- 31.1                 Temporary tracheostomy
- Tracheotomy for assistance in breathing
- 31.2                 Permanent tracheostomy
- 31.21                Mediastinal tracheostomy
- 31.29                Other permanent tracheostomy
- Excludes: that with laryngectomy (30.3-30.4)
- 31.3                 Other incision of larynx or trachea
- Excludes: that for assistance in breathing (31.1-31.29)
- 31.4                 Diagnostic procedures on larynx and trachea
- 31.41                Tracheoscopy through artificial stoma
- Excludes: that with biopsy (31.43-31.44)

- 31.42 Laryngoscopy and other tracheoscopy
  - Excludes: that with biopsy (31.43-31.44)
- 31.43 Closed [endoscopic] biopsy of 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
- This note a rib resection as operative approach
- sternotomy as operative approach
- sternum-splitting incision as operative approach
- thoracotomy as operative approach
- This instruction is used in the Tabular List for two purposes:
- 1) To code components of a procedure that are performed at the same time, and
  - 2) To code the use of special adjunctive procedures or equipment. Code also any synchronous bronchoplasty (33.48)
- 32 Local excision or destruction of lesion or tissue of bronchus
- Excludes: biopsy of bronchus (33.24-33.25)
- bronchial fistulectomy (33.42)
- 32.01 Endoscopic excision or destruction of lesion or tissue of bronchus

- 32.09 Other local excision or destruction of lesion or tissue of bronchus  
Excludes: that by endoscopic approach (32.01)
- 32.1 Other excision of bronchus  
Resection (wide sleeve) of bronchus  
Excludes: radical dissection [excision] of bronchus (32.6)
- 32.2 Local excision or destruction of lesion or tissue of lung
- 32.21 Plication of emphysematous bleb
- 32.22 Lung volume reduction surgery
- 32.28 Endoscopic excision or destruction of lesion or tissue of lung  
Excludes: 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: biopsy of lung (33.26-33.27)  
that by endoscopic approach (32.28)  
wide excision of lesion of lung (32.3)
- 32.3 Segmental resection of lung  
Partial lobectomy
- 32.4 Lobectomy of lung  
Lobectomy with segmental resection of adjacent lobes of lung  
Excludes: that with radical dissection [excision] of thoracic structures (32.6)
- 32.5 Complete pneumonectomy  
Excision of lung NOS  
Pneumonectomy (with mediastinal dissection)
- 32.6 Radical dissection of thoracic structures  
Block [en bloc] dissection of bronchus, lobe of lung, brachial plexus, intercostal structure, ribs (transverse process), and sympathetic nerves
- 32.9 Other excision of lung  
Excludes: biopsy of lung and bronchus (33.24-33.27)  
pulmonary decortication (34.51)
- 33 Other operations on lung and bronchus  
This note a rib resection as operative approach  
sternotomy as operative approach  
sternum-splitting incision as operative approach

- thoracotomy as operative approach
- 33 Incision of bronchus
- 33.1 Incision of lung
  - Excludes: puncture of lung (33.93)
- 33.2 Diagnostic procedures on lung and bronchus
- 33.21 Bronchoscopy through artificial stoma
  - Excludes: that with biopsy (33.24,33.27)
- 33.22 Fiber-optic bronchoscopy
  - Excludes: that with biopsy (33.24,33.27)
- 33.23 Other bronchoscopy
  - Excludes: that for:
    - aspiration (96.05)
    - biopsy (33.24,33.27)
- 33.24 Closed [endoscopic] biopsy of bronchus
  - Bronchoscopy (fiberoptic) (rigid) with:
    - brush biopsy of "lung"
    - brushing or washing for specimen collection
    - excision (bite) biopsy
  - Diagnostic bronchoalveolar lavage (BAL)
  - Excludes: closed biopsy of lung, other than brush biopsy of "lung" (33.26,33.27)
  - whole 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
  - Excludes: endoscopic biopsy of lung (33.27)
- 33.27 Closed endoscopic biopsy of lung
  - Fiber-optic (flexible) bronchoscopy with fluoroscopic guidance with biopsy
  - Transbronchial lung biopsy
  - Excludes: brush biopsy of "lung" (33.24)
  - percutaneous biopsy of lung (33.26)
- 33.28 Open biopsy of lung
- 33.29 Other diagnostic procedures on lung and bronchus
  - Excludes: contrast bronchogram:
    - endotracheal (87.31)

other (87.32)  
lung scan (92.15)  
magnetic resonance imaging (88.92)  
microscopic examination of specimen from bronchus or lung (90.41-90.49)  
routine chest x-ray (87.44)  
ultrasonography of lung (88.73)  
vital capacity determination (89.37)  
x-ray of bronchus or lung NOS (87.49)

- 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)

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

33.5 Lung transplantation, not otherwise specified

33.51 Unilateral lung transplantation

33.52 Bilateral lung transplantation

Double-lung transplantation

En bloc transplantation

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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 This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment.

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

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 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)

34.05 Creation of pleuroperitoneal shunt

34.09 Other incision of pleura

Creation of pleural window for drainage

Intercostal stab

Open chest drainage

Excludes: thoracoscopy (34.21)

thoracotomy for collapse of lung (33.32)

34.1 Incision of mediastinum

Excludes: mediastinoscopy (34.22)

mediastinotomy associated with pneumonectomy (32.5)

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

34.21 Transpleural thoracoscopy

34.22 Mediastinoscopy

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any lymph node biopsy (40.11)

34.23 Biopsy of chest wall

34.24 Pleural biopsy

34.25 Closed [percutaneous] [needle] biopsy of mediastinum

34.26 Open mediastinal biopsy

34.27 Biopsy of diaphragm

34.28 Other diagnostic procedures on chest wall, pleura, and diaphragm

Excludes: Terms follow angiocardiology (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

34.59 Other excision of pleura

Excision of pleural lesion

Excludes: biopsy of pleura (34.24)  
pleural fistulectomy (34.73)

34.6 Scarification of pleura  
Pleurosclerosis  
Excludes: injection of sclerosing agent (34.92)

34.7 Repair of chest wall

34.71 Suture of laceration of chest wall  
Excludes: suture of skin and subcutaneous tissue alone (86.59)

34.72 Closure of thoracostomy

34.73 Closure of other fistula of thorax  
Closure of:  
bronchopleural fistula  
bronchopleurocutaneous fistula  
bronchopleuromediastinal fistula

34.74 Repair of pectus deformity  
Repair of:  
pectus carinatum (with implant)  
pectus excavatum (with implant)

34.79 Other repair of chest wall  
Repair of chest wall NOS

34.8 Operations on diaphragm

34.81 Excision of lesion or tissue of diaphragm  
Excludes: biopsy of diaphragm (34.27)

34.82 Suture of laceration of diaphragm

34.83 Closure of fistula of diaphragm  
Thoracicoabdominal fistulectomy  
Thoracicogastric fistulectomy  
Thoracicointestinal fistulectomy

34.84 Other repair of diaphragm  
Excludes: repair of diaphragmatic hernia (53.7-53.82)

34.85 Implantation of diaphragmatic pacemaker

34.89 Other operations on diaphragm

34.9 Other operations on thorax

34.91 Thoracentesis

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

This note a sternotomy (median) (transverse) as operative approach  
thoracotomy as operative approach

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

35 Closed heart valvotomy

Excludes: percutaneous (balloon) valvuloplasty (35.96)

35 Closed heart valvotomy, unspecified valve

35.01 Closed heart valvotomy, aortic valve

35.02 Closed heart valvotomy, mitral valve

35.03 Closed heart valvotomy, pulmonary valve

35.04 Closed heart valvotomy, tricuspid valve

35.1 Open heart valvuloplasty without replacement

This note a 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)

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. Code also cardiopulmonary bypass if performed [extracorporeal circulation] [heart-lung machine] (39.61)

35.1 Open heart valvuloplasty without replacement, unspecified valve

35.11 Open heart valvuloplasty of aortic valve without replacement

35.12 Open heart valvuloplasty of mitral valve without replacement

35.13 Open heart valvuloplasty of pulmonary valve without replacement

35.14 Open heart valvuloplasty of tricuspid valve without replacement

35.2 Replacement of heart valve

This note a excision of heart valve with replacement

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. 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)

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

35.2 Replacement of unspecified heart valve

Repair of unspecified heart valve with tissue graft or prosthetic implant

35.21 Replacement of aortic valve with tissue graft

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

35.22 Other replacement of aortic valve

Repair of aortic valve with replacement:

NOS

prosthetic (partial) (synthetic) (total)

35.23 Replacement of mitral valve with tissue graft

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

35.24 Other replacement of mitral valve

Repair of mitral valve with replacement:

NOS

prosthetic (partial) (synthetic) (total)

35.25 Replacement of pulmonary valve with tissue graft

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

35.26 Other replacement of pulmonary valve

Repair of pulmonary valve with replacement:

NOS

prosthetic (partial) (synthetic) (total)

- 35.27 Replacement of tricuspid valve with tissue graft  
Repair of tricuspid valve with tissue graft (autograft) (heterograft) (homograft)
- 35.28 Other replacement of tricuspid valve  
Repair of tricuspid valve with replacement:  
NOS  
prosthetic (partial) (synthetic) (total)
- 35.3 Operations on structures adjacent to heart valves  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and  
2) To code the use of special adjunctive procedures or equipment. 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

This note a repair of septa with synthetic implant or patch

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

35.5 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

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)

- 35.6 Repair of atrial and ventricular septa with tissue graft  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and  
2) To code the use of special adjunctive procedures or equipment. Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)
- 35.6 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  
This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
  - 2) To code the use of special adjunctive procedures or equipment. Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)
- 35.7 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

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

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. 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 valvuloplasty  
 Percutaneous balloon valvuloplasty
- 35.98            Other operations on septa of heart
- 35.99            Other operations on valves of heart
- 36                Operations on vessels of heart  
 This note a sternotomy (median) (transverse) as operative approach  
 thoracotomy as operative approach  
 This instruction is used in the Tabular List for two purposes:  
 1)            To code components of a procedure that are performed at the same time, and  
 2)            To code the use of special adjunctive procedures or equipment. Code also:  
               any injection or infusion of platelet inhibitor (99.20)  
               cardiopulmonary bypass, if performed [extracorporeal circulation] [heart-lung machine] (39.61)
- 36                Removal of coronary artery obstruction and insertion of stent(s)
- 36.01            Single vessel percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy without mention of thrombolytic agent  
 Balloon angioplasty of coronary artery  
 Coronary atherectomy

Percutaneous coronary angioplasty NOS

PTCA NOS

Excludes: multiple vessel percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy performed during the same operation (36.05)

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any insertion of coronary stent(s) (36.06)

36.02 Single vessel percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy with mention of thrombolytic agent

Balloon angioplasty of coronary artery with infusion of thrombolytic agent [streptokinase]

Coronary atherectomy

Excludes: multiple vessel percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy performed during the same operation (36.05)

single vessel PTCA or coronary atherectomy without mention of thrombolytic agent (36.01)

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any insertion of coronary stent(s) (36.06)

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)

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any insertion of coronary stent(s) (36.06)

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 36.02, 36.03

36.05 Multiple vessel percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy performed during the same operation, with or without mention of thrombolytic agent

Balloon angioplasty of multiple coronary arteries

Coronary atherectomy

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any:  
intracoronary artery thrombolytic infusion (36.04)  
insertion of coronary stent(s) (36.06)  
Excludes: single vessel PTCA or coronary atherectomy without mention of thrombolytic agent (36.01)  
with mention of thrombolytic agent (36.02)

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:
- open chest coronary artery angioplasty (36.03)
  - percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy (36.01, 36.02, 36.05)
- 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:
- open chest coronary artery angioplasty (36.03)
  - percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy (36.01, 36.02, 36.05)
- 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
- Excludes: that by open angioplasty (36.03)  
that by percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy (36.01-36.02, 36.05)

36.1 Bypass anastomosis for heart revascularization

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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)
- 36.1 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
  - Percutaneous transmyocardial revascularization
  - Thoracoscopic 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
  - This instruction is used in the Tabular List for two purposes:
    - 1) To code components of a procedure that are performed at the same time, and
    - 2) To code the use of special adjunctive procedures or equipment. 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
  - This instruction is used in the Tabular List for two purposes:
    - 1) To code components of a procedure that are performed at the same time, and
    - 2) To code the use of special adjunctive procedures or equipment. Code also any injection or infusion of platelet inhibitor (99.20)
- 37 Pericardiocentesis
- 37.1 Cardiotomy and pericardiotomy
  - This instruction is used in the Tabular List for two purposes:
    - 1) To code components of a procedure that are performed at the same time, and
    - 2) To code the use of special adjunctive procedures or equipment. Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)
- 37.1 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

37.21 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 Cardiac electrophysiologic stimulation and recording studies

Electrophysiologic studies [EPS]

Non-invasive programmed electrical stimulation (NIPS)

Programmed electrical stimulation

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any concomitant procedure

Excludes: device interrogation only without arrhythmia induction (bedside check) (89.45-89.49)

His bundle recording (37.29)

37.27 Cardiac mapping

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and  
2) To code the use of special adjunctive procedures or equipment.Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)
- 37.31 Pericardiectomy  
Excision of:  
adhesions of pericardium constricting scar of:  
epicardium  
pericardium
- 37.32 Excision of aneurysm of heart  
Repair of aneurysm of heart
- 37.33 Excision or destruction of other lesion or tissue of heart,open approach  
Ablation of heart tissue (cryoablation) (electrocurrent) (laser) (microwave) (radiofrequency) (resection), open chest approach  
Cox-maze procedure  
Maze procedure  
Modified maze procedure, trans-thoracic approach  
Excludes: ablation,excision or destruction of lesion or tissue of heart, endovascular approach (37.34)
- 37.34 Excision or destruction of other lesion or tissue of heart,other approach  
Ablation of heart tissue (cryoablation) (electrocurrent)(laser) (microwave) (radiofrequency) (resection), via peripherally inserted catheter  
Modified maze procedure, endovascular approach
- 37.35 Partial ventriculectomy

Ventricular reduction surgery

Ventricular remodeling

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any synchronous: mitral valve repair (35.02, 35.12)

mitral valve replacement (35.23 - 35.24)

37.4 Repair of heart and pericardium

37.5 Heart replacement procedures

37.51 Heart transplantation

Excludes: combined heart-lung transplantation (33.6)

37.52 Implantation of total replacement heart system

Artificial heart

Implantation of fully implantable total replacement heart system, including ventriculectomy

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

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

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

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

Implantable battery

Implantable controller

Transcutaneous energy transfer [TET] device

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

replacement or repair of thoracic unit of total replacement heart system (37.53)

37.6 Implantation of heart and circulatory assist system

37.61 Implant of pulsation balloon

37.62 Insertion of non-implantable heart assist system

Insertion of heart assist system, NOS

Insertion of heart pump

Excludes: implantation of total replacement heart system (37.52)

insertion of percutaneous external heart assist device (37.68)

37.63 Repair of heart assist system

Replacement of parts of an existing ventricular assist device (VAD)

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 heart assist system  
Excludes: that with replacement of implant (37.63)  
explantation [removal] of percutaneous external heart assist device (97.44)  
nonoperative removal of heart assist system (97.44)
- 37.65 Implant of external heart assist system  
Note: Device (outside the body but connected to heart) with external circulation and pump.  
Includes open chest (sternotomy) procedure for cannulae attachments  
Excludes: implant of pulsation balloon (37.61)  
implantation of total replacement heart system (37.52)  
insertion of percutaneous external heart assist device (37.68)
- 37.66 Insertion of implantable heart assist system  
Axial flow heart assist system  
Diagonal pump heart assist system  
Left ventricular assist device (LVAD)  
Pulsatile heart assist system  
Right ventricular assist device (RVAD)  
Rotary pump heart assist system  
Ventricular assist device (VAD) not otherwise specified  
Note: Device directly connected to the heart and implanted in the upper left quadrant of peritoneal cavity.  
Transportable, implantable heart assist system.  
Excludes: implant of pulsation balloon (37.61)  
implantation of total replacement heart system [artificial heart] (37.52)  
insertion of percutaneous external heart assist device (37.68)
- 37.67 Implantation of cardiomyostimulation system  
Note: Two-step open procedure consisting of transfer of one end of the latissimus dorsi muscle; wrapping it around the heart; rib resection; implantation of epicardial cardiac paci
- 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 pacemaker leads; insertion of temporary pacemaker system; or revision of pocket  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and

- 2) To code the use of special adjunctive procedures or equipment. 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)
- 37.7 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 [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: Terms follow removal of temporary transvenous pacemaker system -- omit code  
that with replacement of:  
atrial and/or ventricular lead(s) [electrode] (37.76)

- epicardial lead [electrode] (37.74)
- 37.78 Insertion of temporary transvenous pacemaker system  
Excludes: intraoperative cardiac pacemaker (39.64)
- 37.79 Revision or relocation of pacemaker pocket  
Debridement and reforming pocket (skin and subcutaneous tissue)  
Relocation of pocket [creation of new pocket] pacemaker or CRT-P
- 37.8 Insertion, replacement, removal, and revision of pacemaker device  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and  
2) To code the use of special adjunctive procedures or equipment. 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)
- 37.8 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
- 37.9 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]

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Techniques:

lateral thoracotomy

medial sternotomy

subxiphoid procedure

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also extracorporeal circulation, if performed (39.61)

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any concomitant procedure [e.g., coronary bypass] (36.00-36.19)

Excludes: implantation of cardiac resynchronization defibrillator, total system [CRT-D] (00.51)

37.95 Implantation of automatic cardioverter/defibrillator lead(s) only

37.96 Implantation of automatic cardioverter/defibrillator pulse generator only

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

37.98 Replacement of automatic cardioverter/defibrillator pulse generator only

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

37.99 Other

Removal of cardioverter/defibrillator pulse generator only without replacement

Removal without replacement of cardiac resynchronization defibrillator device [CRT-D]

Repositioning of lead(s) (sensing) (pacing) [electrode]

Repositioning of pulse generator

Revision of cardioverter/defibrillator (automatic) pocket

Revision or relocation of CRT-D pocket

Excludes: cardiac retraining (93.36)  
conversion of cardiac rhythm (99.60-99.69)  
insertion of left atrial appendage device (37.90)  
maze procedure (Cox-maze), open (37.33)  
maze procedure, endovascular approach (37.34)

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 (36.01-36.99)

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 [bracket]

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 Incision of vessel

[0-9]

Embolectomy

Thrombectomy

Excludes: 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

38.2 Diagnostic procedures on blood vessels

38.21 Biopsy of blood vessel

38.22 Percutaneous angioscopy

Excludes: angioscopy of eye (95.12)

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

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

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. Code also any thoracic vessel involvement (thoracoabdominal procedure) (38.45)

5 thoracic vessels

Aorta (thoracic)

Innominate

Pulmonary (artery) (vein)

Subclavian

Vena cava, superior

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. 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 Ligament 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)

38.94 Venous cutdown

38.95 Venous catheterization for renal dialysis

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

38.98 Other puncture of artery

Excludes: that for:

- arteriography (88.40-88.49)
- coronary arteriography (88.55-88.57)
- 38.99           Other puncture of vein
  - Phlebotomy
  - Excludes: that for:
    - angiography (88.60-88.69)
    - extracorporeal circulation (39.61, 50.92)
    - injection or infusion of:
      - sclerosing solution (39.92)
      - therapeutic or prophylactic substance (99.11-99.29)
    - perfusion (39.96-39.97)
    - phlebography (88.60-88.69)
    - transfusion (99.01-99.09)
- 39               Other operations on vessels
  - Excludes: those on coronary vessels (36.00-36.99)
- 39               Systemic to pulmonary artery shunt
  - Descending aorta-pulmonary artery anastomosis (graft)
  - Left to right anastomosis (graft)
  - Subclavian-pulmonary anastomosis (graft)
  - This instruction is used in the Tabular List for two purposes:
    - 1)           To code components of a procedure that are performed at the same time, and
    - 2)           To code the use of special adjunctive procedures or equipment. 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
  - This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
  - 2) To code the use of special adjunctive procedures or equipment. 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
- This instruction is used in the Tabular List for two purposes:
- 1) To code components of a procedure that are performed at the same time, and
  - 2) To code the use of special adjunctive procedures or equipment. 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)

39.3 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

39.5 Angioplasty or atherectomy of other non-coronary vessel(s)

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

Lower extremity vessels

Mesenteric artery

Renal artery

Upper extremity vessels

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. Code also any:

injection or infusion of thrombolytic agent (99.10)

Insertion of non-coronary stent(s) or stent grafts(s) (39.90)

percutaneous insertion of carotid artery stent(s) (00.63)

Excludes: percutaneous angioplasty or atherectomy of precerebral or cerebral vessel(s) (00.61 -00.62)

39.51 Clipping of aneurysm

Excludes: clipping of arteriovenous fistula (39.53)

39.52 Other repair of aneurysm

Repair of aneurysm by:

coagulation

electrocoagulation

filipuncture

methyl methacrylate

suture

wiring

wrapping

Excludes: endovascular repair of aneurysm (39.71 - 39.79)

re-entry operation (aorta) (39.54)

that with:

graft replacement (38.40-38.49)

resection (38.30-38.49, 38.60-38.69)

39.53 Repair of arteriovenous fistula

Embolization of carotid cavernous fistula

Repair of arteriovenous fistula by:

clipping

coagulation

ligation and division

Excludes: repair of :

arteriovenous shunt for renal dialysis (39.42)

head and neck vessels, endovascular approach (39.72)

that with:

graft replacement (38.40-38.49)

resection (38.30-38.49, 38.60-38.69)

39.54 Re-entry operation (aorta)

Fenestration of dissecting aneurysm of thoracic aorta

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

39.55 Reimplantation of aberrant renal vessel

39.56 Repair of blood vessel with tissue patch graft

Excludes: that with resection (38.40-38.49)

39.57 Repair of blood vessel with synthetic patch graft

Excludes: that with resection (38.40-38.49)

39.58 Repair of blood vessel with unspecified type of patch graft

Excludes: that with resection (38.40-38.49)

39.59 Other repair of vessel

Aorticopulmonary window operation

Arterioplasty NOS

Construction of venous valves (peripheral)

Plication of vein (peripheral)

Reimplantation of artery

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. 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 repair of vessel

Endoluminal repair

Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50)  
insertion of non-drug-eluting peripheral vessel stent(s) (39.90)  
other repair of aneurysm (39.52)  
percutaneous insertion of carotid artery stent(s) (00.63)  
percutaneous insertion of intracranial stent(s) (00.65)  
percutaneous insertion of other precerebral artery stent(s) (00.64)  
resection of abdominal aorta with replacement (38.44)  
resection of lower limb arteries with replacement (38.48)  
resection of thoracic aorta with replacement (38.45)  
resection of upper limb vessels with replacement (38.43)

39.71 Endovascular implantation of graft in abdominal aorta

Endovascular repair of abdominal aortic aneurysm with graft

Stent graft(s)

39.72 Endovascular repair or occlusion of head and neck vessels

Coil embolization or occlusion

Endograft(s)

Endovascular graft(s)

Liquid tissue adhesive (glue) embolization or occlusion

Other implant or substance for repair, embolization or occlusion

That for repair of aneurysm, arteriovenous malformation[AVM] or fistula

39.79 Other endovascular repair (of aneurysm) of other vessels

Coil embolization or occlusion

Endograft(s)

Endovascular graft(s)

Liquid tissue adhesive (glue) embolization or occlusion

Other implant or substance for repair, embolization or occlusion

Excludes: endovascular repair or occlusion of head and neck vessels (39.72)

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

insertion of non-drug-eluting peripheral vessel (s) (for other than aneurysm repair) (39.90)

non-endovascular repair of arteriovenous fistula (39.53)

other surgical occlusion of vessels -see category 38.8

percutaneous transcatheter infusion (99.29)

transcatheter embolization for gastric or duodenal bleeding (44.44)

39.8 Operations on carotid body and other vascular bodies

Chemodectomy

Denervation of:

aortic body

carotid body

Glomectomy, carotid

Implantation into carotid body:

electronic stimulator

pacemaker

Excludes: excision of glomus jugulare (20.51)

39.9 Other operations on vessels

39.9 Insertion of non-drug-eluting peripheral vessel stent(s)

Bare stent(s)

Bonded stent(s)

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

Endograft(s)

Endovascular graft(s)

Endovascular recanalization techniques

Stent graft(s)

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. Code also any non-coronary angioplasty or atherectomy (39.50)

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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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)

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 Incision of lymphatic structures

40.1 Diagnostic procedures on lymphatic structures

40.11 Biopsy of lymphatic structure

40.19 Other diagnostic procedures on lymphatic structures

Excludes: lymphangiogram:

abdominal (88.04)

cervical (87.08)  
intrathoracic (87.34)  
lower limb (88.36)  
upper limb (88.34)  
microscopic examination of specimen (90.71-90.79)  
radioisotope scan (92.16)  
thermography (88.89)

40.2 Simple excision of lymphatic structure

Excludes: biopsy of lymphatic structure (40.11)

40.21 Excision of deep cervical lymph node

40.22 Excision of internal mammary lymph node

40.23 Excision of axillary lymph node

40.24 Excision of 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)

40.4 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)

40.5 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 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 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 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
- 42.1 Esophagostomy, not otherwise specified
- 42.11 Cervical esophagostomy
- 42.12 Exteriorization of esophageal pouch
- 42.19 Other external fistulization of esophagus

##### Thoracic esophagostomy

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any resection (42.40-42.42)

- 42.2 Diagnostic procedures on esophagus
- 42.21 Operative esophagoscopy by incision
- 42.22 Esophagoscopy through artificial stoma
- Excludes: that with biopsy (42.24)
- 42.23 Other esophagoscopy
- Excludes: that with biopsy (42.24)
- 42.24 Closed [endoscopic] biopsy of esophagus

Brushing or washing for specimen collection

Esophagoscopy with biopsy

- Suction biopsy of the esophagus  
 Excludes: esophagogastroduodenoscopy [EGD] with closed biopsy (45.16)
- 42.25 Open biopsy of esophagus
- 42.29 Other diagnostic procedures on esophagus  
 Excludes: barium swallow (87.61)  
 esophageal manometry (89.32)  
 microscopic examination of specimen from esophagus (90.81-90.89)
- 42.3 Local excision or destruction of lesion or tissue of esophagus
- 42.31 Local excision of esophageal diverticulum
- 42.32 Local excision of other lesion or tissue of esophagus  
 Excludes: biopsy of esophagus (42.24-42.25)  
 esophageal fistulectomy (42.84)
- 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)
- 42.4 Esophagectomy, not otherwise specified
- 42.41 Partial esophagectomy  
 This instruction is used in the Tabular List for two purposes:  
 1) To code components of a procedure that are performed at the same time, and  
 2) To code the use of special adjunctive procedures or equipment. 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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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 Gastrotomy
  - Excludes: gastrostomy (43.11-43.19)
  - that for control of hemorrhage (44.49)
- 43.1 Gastrostomy
- 43.11 Percutaneous [endoscopic] gastrostomy [PEG]
  - Percutaneous transabdominal gastrostomy
- 43.19 Other gastrostomy
  - Excludes: percutaneous [endoscopic] gastrostomy [PEG] (43.11)
- 43.3 Pyloromyotomy
- 43.4 Local excision or destruction of lesion or tissue of stomach
- 43.41 Endoscopic excision or destruction of lesion or tissue of stomach
  - Gastric polypectomy by endoscopic approach
  - Gastric varices by endoscopic approach
  - Excludes: biopsy of stomach (44.14-44.15)
  - control of hemorrhage (44.43)
  - open ligation of gastric varices (44.91)
- 43.42 Local excision of other lesion or tissue of stomach
  - Excludes: biopsy of stomach (44.14-44.15)
  - gastric fistulectomy (44.62-44.63)
  - partial gastrectomy (43.5-43.89)
- 43.49 Other destruction of lesion or tissue of stomach
  - Excludes: that by endoscopic approach (43.41)
- 43.5 Partial gastrectomy with anastomosis to esophagus

- Proximal gastrectomy
- 43.6            Partial gastrectomy with anastomosis to duodenum
- Billroth I operation
- Distal gastrectomy
- Gastropylorctomy
- 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
- This instruction is used in the Tabular List for two purposes:
- 1)            To code components of a procedure that are performed at the same time, and
- 2)            To code the use of special adjunctive procedures or equipment.Code also any synchronous intestinal resection (45.51)
- 43.89           Other
- Partial gastrectomy with bypass gastrogastrostomy
- Sleeve resection of stomach
- 43.9            Total gastrectomy
- 43.91           Total gastrectomy with intestinal interposition
- 43.99           Other total gastrectomy
- Complete gastroduodenectomy
- Esophagoduodenostomy with complete gastrectomy
- Esophagogastrectomy NOS
- Esophagojejunostomy with complete gastrectomy
- Radical gastrectomy
- 44              Other operations on stomach
- Code also any application or administration of an adhesion barrier substance (99.77)
- 44              Vagotomy
- 44              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
  - Endoscopic conversion of gastrostomy to jejunostomy
  - PEG
- 44.38 Laparoscopic gastroenterostomy
  - Bypass: gastroduodenostomy
  - gastroenterostomy
  - gastrogastrostomy

- Laparoscopic gastrojejunostomy without gastrectomy NEC
- Excludes: gastroenterostomy, open approach (44.39)
- 44.39 Other gastroenterostomy
  - Bypass:
  - gastroduodenostomy
  - gastroenterostomy
  - gastrogastrostomy
  - Gastrojejunostomy without gastrectomy NOS
- 44.4 Control of hemorrhage and suture of ulcer of stomach or duodenum
- 44.4 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 gastroplasty (44.68)
  - other repair of stomach (44.69)

- 44.96 Laparoscopic revision of gastric restrictive procedure  
Revision or replacement of:  
adjustable gastric band  
subcutaneous gastric port device
- 44.97 Laparoscopic removal of gastric restrictive device(s)  
Removal of either or both:  
adjustable gastric band  
subcutaneous port device  
Excludes: nonoperative removal of gastric restrictive device(s) (97.86)  
open removal of 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 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 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  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and  
2) To code the use of special adjunctive procedures or equipment. 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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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

45.3 Endoscopic excision or destruction of lesion of duodenum

- Excludes: biopsy of duodenum (45.14-45.15)  
control of hemorrhage (44.43)  
fistulectomy (46.72)
- 45.31 Other local excision of lesion of duodenum  
Excludes: biopsy of duodenum (45.14-45.15)  
fistulectomy (46.72)  
multiple segmental resection (45.61)  
that by endoscopic approach (45.30)
- 45.32 Other destruction of lesion of duodenum  
Excludes: that by endoscopic approach (45.30)
- 45.33 Local excision of lesion or tissue of small intestine, except duodenum  
Excision of redundant mucosa of ileostomy  
Excludes: biopsy of small intestine (45.14-45.15)  
fistulectomy (46.74)  
multiple segmental resection (45.61)
- 45.34 Other destruction of lesion of small intestine, except duodenum
- 45.4 Local excision or destruction of lesion or tissue of large intestine
- 45.41 Excision of lesion or tissue of large intestine  
Excision of redundant mucosa of colostomy  
Excludes: biopsy of large intestine (45.25-45.27)  
endoscopic polypectomy of large intestine (45.42)  
fistulectomy (46.76)  
multiple segmental resection (45.71)  
that by endoscopic approach (45.42-45.43)
- 45.42 Endoscopic polypectomy of large intestine  
Excludes: that by open approach (45.41)
- 45.43 Endoscopic destruction of other lesion or tissue of large intestine  
Endoscopic ablation of tumor of large intestine  
Endoscopic control of colonic bleeding  
Excludes: endoscopic polypectomy of large intestine (45.42)
- 45.49 Other destruction of lesion of large intestine  
Excludes: that by endoscopic approach (45.43)
- 45.5 Isolation of intestinal segment  
This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any synchronous:  
anastomosis other than end-to-end (45.90-45.94)  
enterostomy (46.10-46.39)

45.5 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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any synchronous:  
anastomosis other than end-to-end (45.90-45.93, 45.95)

colostomy (46.10-46.13)

enterostomy (46.10-46.39)

Excludes: cecectomy (45.72)

enterocolectomy (45.79)

gastroduodenectomy (43.6-43.99)

ileocolectomy (45.73)

pancreatoduodenectomy (52.51-52.7)

45.61 Multiple segmental resection of small intestine

Segmental resection for multiple traumatic lesions of small intestine

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 (45.72)

45.63 Total removal of small intestine

45.7 Partial excision of large intestine

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any synchronous:

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

enterostomy (46.10-46.39)

45.71 Multiple segmental resection of large intestine  
Segmental resection for multiple traumatic lesions of large intestine

45.72 Cecectomy  
Resection of cecum and terminal ileum

45.73 Right hemicolectomy  
Ileocelectomy  
Right radical colectomy

45.74 Resection of transverse colon

45.75 Left hemicolectomy  
Excludes: proctosigmoidectomy (48.41-48.69)  
second stage Mikulicz operation (46.04)

45.76 Sigmoidectomy

45.79 Other partial excision of large intestine  
Enterocolectomy NEC

45.8 Total intra-abdominal colectomy  
Excision of cecum, colon, and sigmoid  
Excludes: coloproctectomy (48.41-48.69)

45.9 Intestinal anastomosis

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any synchronous resection (45.31-45.8, 48.41-48.69)

Excludes: end-to-end anastomosis -- omit code

45.9 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               Exteriorization of intestine  
This note a 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  
This instruction is used in the Tabular List for two purposes:  
1)            To code components of a procedure that are performed at the same time, and  
2)            To code the use of special adjunctive procedures or equipment.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)
- 46.1            Colostomy, not otherwise specified
- 46.11           Temporary colostomy
- 46.13           Permanent colostomy
- 46.14           Delayed opening of colostomy
- 46.2            Ileostomy  
This instruction is used in the Tabular List for two purposes:  
1)            To code components of a procedure that are performed at the same time, and  
2)            To code the use of special adjunctive procedures or equipment.Code also any synchronous resection (45.34, 45.61-45.63)  
Excludes: loop ileostomy (46.01)
- 46.2            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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any synchronous resection (45.61-45.8)

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

Duodenostomy

Feeding enterostomy

- 46.4 Revision of intestinal stoma
- 46.4 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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any synchronous resection (45.34, 45.49, 45.61-45.8)

- 46.5 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

46.6 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  
46.8            Intra-abdominal manipulation of intestine, not otherwise specified  
Correction of intestinal malrotation  
Reduction of:  
intestinal torsion  
intestinal volvulus  
intussusception  
Excludes: Terms following the word "excludes" are to be coded elsewhere as indicated in each case. 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  
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  
This instruction is used in the Tabular List for two purposes:  
1)            To code components of a procedure that are performed at the same time, and  
2)            To code the use of special adjunctive procedures or equipment.Code also substance perfused (99.21-99.29)  
46.96            Local perfusion of large intestine  
This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
  - 2) To code the use of special adjunctive procedures or equipment. 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
- Ileoentectomy
- 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
- This note a appendiceal stump
- Code also any application or administration of an adhesion barrier substance (99.77)
- 47 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                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

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. Code also any synchronous anastomosis other than end-to-end (45.90, 45.92-45.95)

48.41 Soave submucosal resection of rectum

Endorectal pull-through operation

48.49 Other pull-through resection of rectum

Abdominoperineal pull-through

Altemeier operation

Swenson proctectomy

Excludes: Duhamel abdominoperineal pull through (48.65)

48.5 Abdominoperineal resection of rectum

Includes: with synchronous colostomy

Combined abdominoendorectal resection

Complete proctectomy

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. Code also any synchronous anastomosis other than end-to-end (45.90, 45.92-45.95)

Excludes: Duhamel abdominoperineal pull-through (48.65)

that as part of pelvic exenteration (68.8)

48.6 Other resection of rectum

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. Code also any synchronous anastomosis other than end-to-end (45.90, 45.92-45.95)

48.61 Transsacral rectosigmoidectomy

48.62 Anterior resection of rectum with synchronous colostomy

48.63 Other anterior resection of rectum

Excludes: that with synchronous colostomy (48.62)

48.64 Posterior resection of rectum

- 48.65 Duhamel resection of rectum  
Duhamel abdominoperineal pull-through
- 48.69 Other  
Partial proctectomy  
Rectal resection NOS
- 48.7 Repair of rectum  
Excludes: repair of:  
current obstetric laceration (75.62)  
vaginal rectocele (70.50, 70.52)
- 48.71 Suture of laceration of rectum
- 48.72 Closure of proctostomy
- 48.73 Closure of other rectal fistula  
Excludes: fistulectomy:  
perirectal (48.93)  
rectourethral (58.43)  
rectovaginal (70.73)  
rectovesical (57.83)  
rectovesicovaginal (57.83)
- 48.74 Rectorectostomy  
Rectal anastomosis NOS
- 48.75 Abdominal proctopexy  
Frickman procedure  
Ripstein repair of rectal prolapse
- 48.76 Other proctopexy  
Delorme repair of prolapsed rectum  
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
  - This note a 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 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              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

50.19           Other diagnostic procedures on liver  
Laparoscopic liver biopsy  
Excludes: liver scan and radioisotope function study (92.02)  
microscopic examination of specimen from liver (91.01-91.09)

50.2            Local excision or destruction of liver tissue or lesion

50.21           Marsupialization of lesion of liver

50.22           Partial hepatectomy  
Wedge resection of liver  
Excludes: biopsy of liver (50.11-50.12)  
hepatic lobectomy (50.3)

50.29           Other destruction of lesion of liver  
Cauterization of hepatic lesion  
Enucleation of hepatic lesion  
Evacuation of hepatic lesion  
Excludes: percutaneous aspiration of lesion (50.91)

50.3            Lobectomy of liver

Total hepatic lobectomy with partial excision of other lobe

50.4 Total hepatectomy

50.5 Liver transplant

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

50.51 Auxiliary liver transplant

Auxiliary hepatic transplantation leaving patient's own liver in situ

50.59 Other transplant of liver

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

This note a 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 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 cholecystostomy  
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  
51.1 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
- This instruction is used in the Tabular List for two purposes:
- 1) To code components of a procedure that are performed at the same time, and

- 2) To code the use of special adjunctive procedures or equipment. Code also anastomosis other than end-to-end (51.31,51.36-51.39)  
 Excludes: biopsy of bile duct (51.12-51.13)
- 51.61 Excision of cystic duct remnant
- 51.62 Excision of ampulla of Vater (with reimplantation of common duct)
- 51.63 Other excision of common duct
- Choledochectomy
- Excludes: fistulectomy (51.72)
- 51.64 Endoscopic excision or destruction of lesion of biliary ducts or sphincter of Oddi  
 Excision or destruction of lesion of biliary duct by procedures classifiable to 51.10-51.11, 52.13
- 51.69 Excision of other bile duct  
 Excision of lesion of bile duct NOS  
 Excludes: fistulectomy (51.79)
- 51.7 Repair of bile ducts
- 51.71 Simple suture of common bile duct
- 51.72 Choledochoplasty  
 Repair of fistula of common bile duct
- 51.79 Repair of other bile ducts  
 Closure of artificial opening of bile duct  
 NOS  
 Suture of bile duct NOS  
 Excludes: operative removal of prosthetic device (51.95)
- 51.8 Other operations on biliary ducts and sphincter of Oddi
- 51.81 Dilation of sphincter of Oddi  
 Dilation of ampulla of Vater  
 Excludes: that by endoscopic approach (51.84)
- 51.82 Pancreatic sphincterotomy  
 Incision of pancreatic sphincter  
 Transduodenal ampullary sphincterotomy  
 Excludes: that by endoscopic approach (51.85)
- 51.83 Pancreatic sphincteroplasty
- 51.84 Endoscopic dilation of ampulla and biliary duct  
 Dilation of ampulla and biliary duct by procedures classifiable to 51.10-51.11, 52.13
- 51.85 Endoscopic sphincterotomy and papillotomy  
 Sphincterotomy and papillotomy by procedures classifiable to 51.10-51.11, 52.13

- 51.86 Endoscopic insertion of nasobiliary drainage tube  
Insertion of nasobiliary tube by procedures classifiable to 51.10-51.11, 52.13
- 51.87 Endoscopic insertion of stent (tube) into bile duct  
Endoprosthesis of bile duct  
Insertion of stent into bile duct by procedures classifiable to 51.10-51.11, 52.13  
Excludes: nasobiliary drainage tub (51.86)  
replacement of stent (tube) (97.05)
- 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

This note a operations on pancreatic duct

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

52 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
- 52.8 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
  - This note a hernioplasty
  - herniorrhaphy

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

Excludes: manual reduction of hernia (96.27)

- 53 Unilateral repair of inguinal hernia
- 53 Unilateral repair of inguinal hernia, not otherwise specified
- Inguinal herniorrhaphy NOS
  - 53.01 Repair of direct inguinal hernia
  - 53.02 Repair of indirect inguinal hernia
  - 53.03 Repair of direct inguinal hernia with graft or prosthesis
  - 53.04 Repair of indirect inguinal hernia with graft or prosthesis
  - 53.05 Repair of inguinal hernia with graft or prosthesis, not otherwise specified
  - 53.1 Bilateral repair of inguinal hernia
  - 53.1 Bilateral repair of inguinal hernia, not otherwise specified
  - 53.11 Bilateral repair of direct inguinal hernia
  - 53.12 Bilateral repair of indirect inguinal hernia
  - 53.13 Bilateral repair of inguinal hernia, one direct and one indirect
  - 53.14 Bilateral repair of direct inguinal hernia with graft or prosthesis
  - 53.15 Bilateral repair of indirect inguinal hernia with graft or prosthesis
  - 53.16 Bilateral repair of inguinal hernia, one direct and one indirect, with graft or prosthesis
  - 53.17 Bilateral inguinal hernia repair with graft or prosthesis, not otherwise specified
  - 53.2 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 Repair of umbilical hernia with prosthesis
- 53.49 Other umbilical herniorrhaphy
- 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

- 53.6 Repair of other hernia of anterior abdominal wall with graft or prosthesis
- 53.61 Incisional hernia repair with prosthesis
- 53.69 Repair of other hernia of anterior abdominal wall with prosthesis
- 53.7 Repair of diaphragmatic hernia, abdominal approach
- 53.8 Repair of diaphragmatic hernia, thoracic approach
- 53.8 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
- 53.9 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 pericostomy hernia (46.42)

repair of vaginal enterocele (70.92)

- 54 Other operations on abdominal region

This note a operations on:

epigastric region

flank

groin region

hypochondrium

inguinal region

loin region

male pelvic cavity

mesentery

omentum

peritoneum

retroperitoneal tissue space

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

Excludes: female pelvic cavity (69.01-70.92)

hernia repair (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 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

falciform 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  
This note a 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                   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
- 55.39 Other local destruction or excision of renal lesion or tissue

Obliteration of calyceal diverticulum

Excludes: 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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also any synchronous resection of ureter (56.40-56.42)

- 55.5 Complete nephrectomy

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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 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

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. Code also anastomosis other than end-to-end (56.51-56.79)

Excludes: fistulectomy (56.84)

nephroureterectomy (55.51-55.54)

56.4 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

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. 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 (59.01-59.02)

ureterolysis (59.01-59.02)

56.82 Suture of laceration of ureter  
56.83 Closure of ureterostomy  
56.84 Closure of other fistula of ureter  
56.85 Ureteropexy  
56.86 Removal of ligature from ureter  
56.89 Other repair of ureter  
Graft of ureter  
Replacement of ureter with ileal segment implanted into bladder  
Ureteroplication  
56.9 Other operations on ureter  
56.91 Dilation of ureteral meatus  
56.92 Implantation of electronic ureteral stimulator  
56.93 Replacement of electronic ureteral stimulator  
56.94 Removal of electronic ureteral stimulator  
Excludes: that with synchronou replacement (56.93)  
56.95 Ligation of ureter  
56.99 Other  
Excludes: removal of ureterostomy tube an ureteral catheter (97.62)  
ureteral catheterization (59.8)  
57 Operations on urinary bladder  
Code also any application or administration of an adhesion barrier substance (99.77)  
Excludes:perivesical tissue (59.11-59.29, 59.91-59.92)  
ureterovesical orifice (56.0-56.99)  
57 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 tub (97.63)
  - replacement of cystostomy tube (59.94)
- 57.18 Other suprapubic cystostomy
  - Excludes: percutaneous cystostomy (57.17)
  - removal of cystostomy tub (97.63)
  - replacement of cystostomy tube (59.94)
- 57.19 Other cystotomy
  - Cystolithotomy
  - Excludes: percutaneous cystostomy (57.17)
  - suprapubic cystostomy (57.18)
- 57.2 Vesicostomy
  - Excludes: percutaneous cystostomy (57.17)
  - suprapubic cystostomy (57.18)
- 57.21 Vesicostomy
  - Creation of permanent opening from bladder to skin using a bladder flap
- 57.22 Revision or closure of vesicostomy
  - Excludes: closure of cystostomy (57.82)
- 57.3 Diagnostic procedures on bladder
- 57.31 Cystoscopy through artificial stoma
- 57.32 Other cystoscopy
  - Transurethral cystoscopy
  - Excludes: cystourethroscopy with ureteral biopsy (56.33)
  - retrograde pyelogram (87.74)
  - that for control of hemorrhage (postoperative):
  - bladder (57.93)
  - prostate (60.94)
- 57.33 Closed [transurethral] biopsy of bladder
- 57.34 Open biopsy of bladder
- 57.39 Other diagnostic procedures on bladder
  - Excludes: 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  
 This note appears immediately under a two- or three-digit code title. The information further defines, or gives example of, the contents of the category. Includes: total cyste

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  
 This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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

Vaginoovesical 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]

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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 synchronous 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 device (97.64)

therapeutic distention of bladder (96.25)

58 Operations on urethra

This note a operations on:

bulbourethral gland [Cowper's gland]

periurethral tissue

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

58 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                Dissection of retroperitoneal tissue
- 59                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  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and  
2) To code the use of special adjunctive procedures or equipment. 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  
This note a 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 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
- Excision of prostatic lesion by any approach
- Excludes: biopsy of prostate (60.11-60.12)
- 60.62          Perineal prostatectomy
- Cryoablation of prostate
- Cryoprostatectomy
- Cryosurgery of prostate
- Radical cryosurgical ablation of prostate (RCSA)
- Excludes: local excision of lesion of prostate (60.61)
- 60.69          Other
- 60.7           Operations on seminal vesicles
- 60.71          Percutaneous aspiration of seminal vesicle
- Excludes: needle biopsy of seminal vesicl (60.13)
- 60.72          Incision of seminal vesicle
- 60.73          Excision of seminal vesicle
- Excision of Müllerian duct cyst
- Spermatocystectomy
- Excludes: biopsy of seminal vesicle (60.13-60.14)  
prostatovesiculectomy (60.5)
- 60.79          Other operations on seminal vesicles
- 60.8           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 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 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)

This instruction is used in the Tabular List for two purposes:

1)            To code components of a procedure that are performed at the same time, and

2)            To code the use of special adjunctive procedures or equipment. 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            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
- 63.7            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  
     This note a operations on:  
     corpora cavernosa  
     glans penis  
     prepuce  
 64 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 corpus 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 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 Salpingotomy and salpingostomy

66.01 Salpingotomy (*incision into a uterine tube*)

66.02 Salpingostomy (*a surgical incision into a fallopian tube*)

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

This note a 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

This note a 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 (*Excision of a ligated portion of the fallopian tubes*)

66.39 Other bilateral destruction or occlusion of fallopian tubes

Female sterilization operation NOS

*(These three codes are used to indicate a sterilization. Notice in the patient data, they are usually accompanied by the V252.2 diagnostic code for sterilization)*

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

This note a 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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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 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
  - Cervicosigmoidal fistulectomy
  - Excludes: fistulectomy:
    - cervicovesical (57.84)

ureterocervical (56.84)  
 vesicocervicovaginal (57.84)  
 67.69            Other repair of cervix  
                   Repair of old obstetric laceration of cervix  
 68                Other incision and excision of uterus  
                   Code also any application or administration of an adhesion barrier substance (99.77)  
 68                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 o 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
- 68.29           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 subtotal abdominal hysterectomy, NOS
- Supracervical hysterectomy
- Excludes: classic infra fascial SEMM hysterectomy [CISH] (68.31)
- laparoscopic supracervical hysterectomy [LSH] (68.31)
- 68.4           Total abdominal hysterectomy
- Hysterectomy:
- extended
- This instruction is used in the Tabular List for two purposes:
- 1)           To code components of a procedure that are performed at the same time, and
  - 2)           To code the use of special adjunctive procedures or equipment. Code also any synchronous removal of tubes and ovaries (65.3-65.6)
- 68.5           Vaginal hysterectomy
- This instruction is used in the Tabular List for two purposes:
- 1)           To code components of a procedure that are performed at the same time, and
  - 2)           To code the use of special adjunctive procedures or equipment. 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 vaginal hysterectomy  
Excludes: laparoscopically assisted vaginal hysterectomy (LAVH) (68.51)  
radical vaginal hysterectomy (68.7)
- 68.6 Radical abdominal hysterectomy  
Modified radical hysterectomy  
Wertheim's operation  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and  
2) To code the use of special adjunctive procedures or equipment. Code also any synchronous:  
lymph gland dissection (40.3, 40.5)  
removal of tubes and ovaries (65.61-65.64)  
Excludes: pelvic evisceration (68.8)
- 68.7 Radical vaginal hysterectomy  
Schauta operation  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and  
2) To code the use of special adjunctive procedures or equipment. Code also any synchronous:  
lymph gland dissection (40.3, 40.5)  
removal of tubes and ovaries (65.61-65.64)
- 68.8 Pelvic evisceration  
Removal of ovaries, tubes, uterus, vagina, bladder, and urethra (with removal of sigmoid colon and rectum)  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and  
2) To code the use of special adjunctive procedures or equipment. 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, 68.4, 68.6)  
vaginal hysterectomy, any approach (68.51, 68.59, 68.7)
- 69 Other operations on uterus and supporting structures  
Code also any application or administration of an adhesion barrier substance (99.77)
- 69 Dilation and curettage of uterus

Excludes: aspiration curettage of uterus (69.51-69.59)

69.01 Dilation and curettage for termination of pregnancy

69.02 Dilation and curettage following delivery or abortion

69.09 Other dilation and curettage

Diagnostic D and C

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

69.19 Other excision or destruction of uterus and supporting structures

Excludes: biopsy of uterine ligamen (68.14)

69.2 Repair of uterine supporting structures

69.21 Interposition operation

Watkins procedure

69.22 Other uterine suspension

Hysteropexy

Manchester operation

Plication of uterine ligament

69.23 Vaginal repair of chronic inversion of uterus

69.29 Other repair of uterus and supporting structures

69.3 Paracervical uterine denervation

69.4 Uterine repair

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

69.41 Suture of laceration of uterus

69.42 Closure of fistula of uterus

Excludes: uterovesical fistulectom (57.84)

69.49 Other repair of uterus

Repair of old obstetric laceration of uterus

69.5 Aspiration curettage of uterus

Excludes: menstrual extraction (69.6)

69.51 Aspiration curettage of uterus for termination of pregnancy

Therapeutic abortion NOS

69.52 Aspiration curettage following delivery or abortion

69.59 Other aspiration curettage of uterus

69.6 Menstrual extraction or regulation

69.7 Insertion of intrauterine contraceptive device

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 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  
 70.5 Repair of cystocele and rectocele  
 70.51 Repair of cystocele  
 Anterior colporrhaphy (with urethrocele repair)  
 70.52 Repair of rectocele  
 Posterior colporrhaphy  
 70.6 Vaginal construction and reconstruction  
 70.61 Vaginal construction  
 70.62 Vaginal reconstruction  
 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

70.79 Other repair of vagina

Colpoperineoplasty

Repair of old obstetric laceration of vagina

70.8 Obliteration of vaginal vault

LeFort operation

70.9 Other operations on vagina and cul-de-sac

70.91 Other operations on vagina

Excludes: insertion of:

diaphragm (96.17)

mold (96.15)

pack (96.14)

pessary (96.18)

suppository (96.49)

removal of:

diaphragm (97.73)

foreign body (98.17)

pack (97.75)

pessary (97.74)

replacement of:

diaphragm (97.24)

pack (97.26)

pessary (97.25)

vaginal dilation (96.16)

- vaginal douche (96.44)
- 70.92            Other operations on cul-de-sac
- Obliteration of cul-de-sac
- Repair of vaginal enterocele
- 71                Operations on vulva and perineum
- Code also any application or administration of an adhesion barrier substance (99.77)
- 71                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
- This instruction is used in the Tabular List for two purposes:
- 1)              To code components of a procedure that are performed at the same time, and
- 2)              To code the use of special adjunctive procedures or equipment.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 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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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
  - This note a 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 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
  - Clavotomy 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

This instruction is used in the Tabular List for two purposes:

1)                To code components of a procedure that are performed at the same time, and

2)                To code the use of special adjunctive procedures or equipment. Code also any synchronous:

hysterectomy (68.3-68.4, 68.6, 68.8)

myomectomy (68.29)

sterilization (66.31-66.39, 66.63)

74                    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                    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  
This instruction is used in the Tabular List for two purposes:  
1)                 To code components of a procedure that are performed at the same time, and  
2)                 To code the use of special adjunctive procedures or equipment. Code also any hysterotomy approach (68.0)
- 75.3                 Other intrauterine operations on fetus and amnion  
This instruction is used in the Tabular List for two purposes:  
1)                 To code components of a procedure that are performed at the same time, and  
2)                 To code the use of special adjunctive procedures or equipment. 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  
This instruction is used in the Tabular List for two purposes:  
1)                 To code components of a procedure that are performed at the same time, and

- 2) To code the use of special adjunctive procedures or equipment. Code also injection of antibiotic (99.21)
- 75.38 Fetal pulse oximetry
- Transcervical fetal oxygen saturation monitoring
- Transcervical fetal SpO2 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
- 75.5 Repair of current obstetric laceration of uterus, not otherwise specified
- 75.51 Repair of current obstetric laceration of cervix
- 75.52 Repair of current obstetric laceration of corpus uteri
- 75.6 Repair of other current obstetric laceration
- 75.61 Repair of current obstetric laceration of bladder and urethra
- 75.62 Repair of current obstetric laceration of rectum and sphincter ani
- 75.69 Repair of other current obstetric laceration
- Episioperineorrhaphy
- Repair of:
- pelvic floor
- perineum
- vagina
- vulva
- Secondary repair of episiotomy
- Excludes:
- repair of routine episiotomy (73.6)
- 75.7 Manual exploration of uterine cavity, postpartum
- 75.8 Obstetric tamponade of uterus or vagina
- Excludes: antepartum tamponade (73.1)
- 75.9 Other obstetric operations
- 75.91 Evacuation of obstetrical incisional hematoma of perineum
- Evacuation of hematoma of:
- episiotomy perineorrhaphy
- 75.92 Evacuation of other hematoma of vulva or vagina
- 75.93 Surgical correction of inverted uterus

Spintelli operation

Excludes:

vaginal repair of chronic inversion of uterus (69.23)

75.94 Manual replacement of inverted uterus

75.99 Other

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

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 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  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and  
2) To code the use of special adjunctive procedures or equipment. 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  
This note a internal fixation  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and  
2) To code the use of special adjunctive procedures or equipment.Code also any synchronous:  
bone graft (76.91)  
synthetic implant (76.92)  
Excludes: that of nasal bones (21.71-21.72)
- 76.7 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 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: clavicotomy of fetus (73.8)  
laminotomy or incision of vertebra (03.01-03.09)  
pubiotomy to assist delivery (73.94)  
sternotomy incidental to thoracic operation -- omit code

77.4 Biopsy of bone  
[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

- 77.6 Resection of hallux valgus joint with insertion of prosthesis  
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 (81.00-81.29)  
arthroplasty (81.31-81.87)  
excision of cartilage (80.5-80.6, 80.80-80.99)  
excision of head of femur with synchronous replacement (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 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

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. 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 fixation device

[0-9]

Minifixator with insertion of pins/wires/screws into bone

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

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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)

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

Excludes: removal of cast, splint, and traction device (Kirschner wire) (Steinmann pin) (97.88)

removal of skull tongs or halo traction device (02.95)

78.7 Osteoclasia

[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

This note a application of cast or splint reduction with insertion of traction device (Kirschner wire) (Steinmann pin)

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. Code also any application of external fixation device (78.10-78.19)

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 Closed reduction of fracture without internal fixation

Terms following the word "excludes" are to be coded elsewhere as indicated in each case.[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  
                  This note a closed reduction (with external traction device)
- Excludes: closed reduction of dislocation of temporomandibular joint (76.93)
- 79.7           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  
                  This note a open reduction (with internal and external fixation devices)
- Excludes: open reduction of dislocation of temporomandibular joint (76.94)
- 79.8           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

80 [0-9] Incision and excision of joint structures  
This note a 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 Arthrotomy for removal of prosthesis

[0-9]

Includes:cement spacer

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 or destruction of intervertebral disc  
 80.5           Excision or destruction of intervertebral disc, unspecified  
           Unspecified as to excision or destruction  
 80.51          Excision of intervertebral disc  
           Diskectomy  
           Removal of herniated nucleus pulposus  
           Level:  
           cervical  
           thoracic  
           lumbar (lumbosacral)  
           That by laminotomy or hemilaminectomy  
           That with decompression of spinal nerve root at same level  
           Requires additional code for any concomitant decompression of spinal nerve root at different level from excision site  
           This instruction is used in the Tabular List for two purposes:  
           1)           To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. Code also any concurrent spinal fusion (81.00 - 81.09)  
Excludes: that for insertion of (non-fusion) spinal disc replacement device (84.60 - 84.69)  
intervertebral chemonucleolysis (80.52)  
laminectomy for exploration of intraspinal canal (03.09)  
laminotomy for decompression of spinal nerve root only (03.09)

80.52 Intervertebral chemonucleolysis  
With aspiration of disc fragments  
With diskography  
Injection of proteolytic enzyme into intervertebral space (chymopapain)  
Excludes: injection of anesthetic substance (03.91)  
injection of other substances (03.92)

80.59 Other destruction of intervertebral disc  
Destruction NEC  
That by laser

80.6 Excision of semilunar cartilage of knee  
Excision of meniscus of knee

80.7 Synovectomy  
[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 Spinal fusion  
This note a arthrodesis of spine with:  
bone graft  
internal fixation  
Code also any 360 degree spinal fusion by a single incision (81.61)  
Code also any insertion of interbody spinal fusion device (84.51)  
Code also any insertion of recombinant bone morphogenetic protein (84.52)

Code also the total number of vertebrae fused (81.62-81.64)

Excludes: correction of pseudarthrosis of spine (81.30- 81.39)

refusion of spine (81.30 - 81.39)

- 81 Spinal fusion, not otherwise specified
- 81.01 Atlas-axis spinal fusion
  - Craniocervical fusion by anterior, transoral, or posterior technique
  - C1-C2 fusion by anterior, transoral, or posterior technique
  - Occiput C2 fusion by anterior, transoral, or posterior technique
- 81.02 Other cervical fusion, anterior technique
  - Arthrodesis of C2 level or below:
    - anterior (interbody) technique
    - anterolateral technique
- 81.03 Other cervical fusion, posterior technique
  - Arthrodesis of C2 level or below:
    - posterior (interbody) technique
    - posterolateral technique
- 81.04 Dorsal and dorsolumbar fusion, anterior technique
  - Arthrodesis of thoracic or thoracolumbar region:
    - anterior (interbody) technique
    - anterolateral technique
- 81.05 Dorsal and dorsolumbar fusion, posterior technique
  - Arthrodesis of thoracic or thoracolumbar region:
    - posterior (interbody) technique
    - posterolateral technique
- 81.06 Lumbar and lumbosacral fusion, anterior technique
  - Arthrodesis of lumbar or lumbosacral region:
    - anterior (interbody) technique
    - anterolateral technique
- 81.07 Lumbar and lumbosacral fusion, lateral transverse process technique
- 81.08 Lumbar and lumbosacral fusion, posterior technique
  - Arthrodesis of lumbar or lumbosacral region:
    - posterior (interbody) technique
    - posterolateral technique
- 81.1 Arthrodesis of foot and ankle

This note a 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

81.14 Midtarsal fusion

81.15 Tarsometatarsal fusion

81.16 Metatarsophalangeal fusion

81.17 Other fusion of foot

81.2 Arthrodesis of other joint

This note a arthrodesis with:

bone graft

external fixation device

excision of bone ends and compression

81.2 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

Includes: arthrodesis of spine with:

bone graft

internal fixation

correction of pseudarthrosis of spine

Code also any 360 degree spinal refusion by a single incision (81.61)

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

Code also any insertion of recombinant bone morphogenetic protein (84.52)

Code also the total number of vertebrae fused (81.62-81.64)

- 81.3 Refusion of spine, not otherwise specified
- 81.31 Refusion of atlas-axis spine
  - Craniocervical fusion by anterior, transoral, or posterior technique
  - C1-C2 fusion by anterior, transoral, or posterior technique
  - Occiput C2 fusion by anterior, transoral, or posterior technique
- 81.32 Refusion of other cervical spine, anterior technique
  - Arthrodesis of C2 level or below:
    - anterior (interbody) technique
    - anterolateral technique
- 81.33 Refusion of other cervical spine, posterior technique
  - Arthrodesis of C2 level or below:
    - posterior (interbody) technique
    - posterolateral technique
- 81.34 Refusion of dorsal and dorsolumbar spine, anterior technique
  - Arthrodesis of thoracic or thoracolumbar region:
    - anterior (interbody) technique
    - anterolateral technique
- 81.35 Refusion of dorsal and dorsolumbar spine, posterior technique
  - Arthrodesis of thoracic or thoracolumbar region:
    - posterior (interbody) technique
    - posterolateral technique
- 81.36 Refusion of lumbar and lumbosacral spine, anterior technique
  - Arthrodesis of lumbar or lumbosacral region:
    - anterior (interbody) technique
    - anterolateral technique
- 81.37 Refusion of lumbar and lumbosacral spine, lateral transverse process technique
- 81.38 Refusion of lumbar and lumbosacral spine, posterior technique
  - Arthrodesis of lumbar or lumbosacral region:
    - posterior (interbody) technique
    - posterolateral technique
- 81.39 Refusion of spine, not elsewhere classified
- 81.4 Other repair of joint of lower extremity

This note a arthroplasty of lower extremity with:

external traction or fixation

graft of bone (chips) or cartilage

internal fixation device

81.4 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

This note a arthroplasty of lower extremity with:

external traction or fixation

graft of bone (chips) or cartilage

internal fixation device or prosthesis

removal of cement spacer

81.51 Total hip replacement

Replacement of both femoral head and acetabulum by prosthesis

Total reconstruction of hip

81.52 Partial hip replacement

Bipolar endoprosthesis

81.53 Revision of hip replacement

Partial

Total

81.54 Total knee replacement

Bicompartmental

Tricompartmental

Unicompartmental (hemijoint)

- 81.55 Revision of knee replacement  
Excludes: arthrodesis of knee (81.22)
- 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)

- 81.61 360 degree spinal fusion, single incision approach  
That by a single incision but fusing or refusing both anterior and posterior spine  
Code also refusion of spine (81.30 -81.39)  
Code also spinal fusion (81.00 - 81.08)  
Code also the total number of vertebrae fused (81.62-81.64)

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

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

Excludes: kyphoplasty (81.66)

- 81.66 Kyphoplasty  
Insertion of inflatable balloon, bone tamp, or other device to create a cavity for partial restoration of height of diseased or fractured vertebral body prior to injection of bone void filler (cement)(polymethylmethacrylate) (PMMA)  
Excludes: vertebroplasty (81.65)

- 81.7 Arthroplasty and repair of hand, fingers and wrist  
This note a 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

This note a arthroplasty of upper limb NEC with:

external traction or fixation

graft of bone (chips) or cartilage

internal fixation device or prosthesis

- 81.8 Total shoulder replacement
- 81.81 Partial shoulder replacement
- 81.82 Repair of recurrent dislocation of shoulder
- 81.83 Other repair of shoulder
- Revision of arthroplasty of shoulder
- 81.84 Total elbow replacement
- 81.85 Other repair of elbow
- 81.9 Other operations on joint structures
- 81.91 Arthrocentesis

Joint aspiration

Excludes: that for:

arthrography (88.32)

biopsy of joint structure 80.30-80.39)

injection of drug (81.92)

- 81.92 Injection of therapeutic substance into joint or ligament
- 81.93 Suture of capsule or ligament of upper extremity
- Excludes: that associated 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

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

This note a operations on:

aponeurosis  
synovial membrane (tendon sheath)  
tendon sheath

82 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  
 This instruction is used in the Tabular List for two purposes:  
 1) To code components of a procedure that are performed at the same time, and  
 2) To code the use of special adjunctive procedures or equipment. 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

This note a digital transfer to act as thumb

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. 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

This note a 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 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 Biopsy of soft tissue  
Excludes: biopsy of chest wall (34.23)  
biopsy of skin and subcutaneous tissue (86.11)
- 83.29 Other diagnostic procedures on muscle, tendon, fascia, and bursa, including that of hand  
Excludes: microscopic examination of specimen (91.51-91.59)  
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 Amputation of upper limb
  - Excludes: revision of amputation stump (84.3)
- 84 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)
- 84.1 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
- 84.4            Implantation or fitting of prosthetic limb device, not otherwise specified
- 84.41           Fitting of prosthesis of upper arm and shoulder
- 84.42           Fitting of prosthesis of lower arm and hand
- 84.43           Fitting of prosthesis of arm, not otherwise specified
- 84.44           Implantation of prosthetic device of arm
- 84.45           Fitting of prosthesis above knee
- 84.46           Fitting of prosthesis below knee
- 84.47           Fitting of prosthesis of leg, not otherwise specified
- 84.48           Implantation of prosthetic device of leg
- 84.5            Implantation of other musculoskeletal devices and substances
  - Excludes: insertion of (non-fusion) spinal disc replacement device (84.60 - 84.69)
- 84.51           Insertion of interbody spinal fusion device
  - Insertion of: cages (carbon, ceramic, metal, plastic or titanium)
    - interbody fusion cage
    - synthetic cages or spacers
    - threaded bone dowels
  - Code also refusion of spine (81.30 - 81.39)
  - Code also spinal fusion (81.00 - 81.08)
- 84.52           Insertion of recombinant bone morphogenetic protein
  - rhBMP
  - That via collagen sponge, coral, ceramic and other carriers
  - Code also primary procedure performed:
    - fracture repair (79.00-79.99)
    - spinal fusion (81.00 - 81.08)
    - spinal refusion (81.30 - 81.39)
- 84.53           Implantation of internal limb lengthening device with kinetic distraction

- Code also limb lengthening procedure (78.30 - 78.39)
- 84.54            Implantation of other internal limb lengthening device  
Implantation of internal limb lengthening device, Not Otherwise Specified (NOS)  
Code also limb lengthening procedure (78.30 - 78.39)
- 84.55            Insertion of bone void filler  
Insertion of:  
acrylic cement (PMMA)  
bone void cement  
calcium based bone void filler  
polymethylmethacrylate (PMMA)  
Excludes: that with kyphoplasty (81.66)  
          that with vertebroplasty (81.65)
- 84.59            Insertion of other spinal devices
- 84.6             Replacement of spinal disc  
Includes: non-fusion arthroplasty of the spine with insertion of artificial disc prosthesis
- 84.6             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: diskectomy (discectomy)
- 84.65            Insertion of total spinal disc prosthesis, lumbosacral  
Replacement of lumbar spinal disc, NOS  
Replacement of total spinal disc, lumbar  
Total artificial disc prosthesis (flexible), lumbar  
Includes: diskectomy (discectomy)
- 84.66            Revision or replacement of artificial spinal disc prosthesis, cervical  
Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial) (total) spinal  
disc prosthesis, cervical  
Repair of previously inserted spinal disc prosthesis, cervical
- 84.67            Revision or replacement of artificial spinal disc prosthesis, thoracic  
Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial) (total) spinal  
disc prosthesis, thoracic  
Repair of previously inserted spinal disc prosthesis, thoracic
- 84.68            Revision or replacement of artificial spinal disc prosthesis, lumbosacral  
Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial)(total) spinal  
disc prosthesis, lumbosacral  
Repair of previously inserted spinal disc prosthesis, lumbosacral
- 84.69            Revision or replacement of artificial spinal disc prosthesis, not otherwise specified  
Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial)(total) spinal  
disc prosthesis  
Repair of previously inserted spinal disc prosthesis
- 84.9             Other operations on musculoskeletal system  
Excludes: nonoperative manipulation (93.25-93.29)
- 84.91            Amputation, not otherwise specified
- 84.92            Separation of equal conjoined twins
- 84.93            Separation of unequal conjoined twins
- Separation of conjoined twins NOS
- 84.99            Other
15. OPERATIONS ON THE INTEGUMENTARY SYSTEM (85-86)
- 85                Operations on the breast  
This note a operations on the skin and subcutaneous tissue of:

breast female or male  
previous mastectomy site female or male  
revision of previous mastectomy site

85 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)

85.2 Excision or destruction of breast tissue, not otherwise specified

85.21 Local excision of lesion of breast  
Lumpectomy  
Removal of area of fibrosis from breast  
Excludes: biopsy of breast (85.11-85.12)

85.22 Resection of quadrant of breast

85.23 Subtotal mastectomy  
Excludes: quadrant resection (85.22)

85.24 Excision of ectopic breast tissue  
Excision of accessory nipple

85.25 Excision of nipple  
Excludes: excision of accessory nipple (85.24)

- 85.3 Reduction mammoplasty and subcutaneous 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 implant (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 implant (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 mammectomy (85.33, 85.35)

85.5 Augmentation mammoplasty, not otherwise specified

85.51 Unilateral injection into breast for augmentation

85.52 Bilateral injection into breast for augmentation

Injection into breast for augmentation NOS

85.53 Unilateral breast implant

85.54 Bilateral breast implant

Breast implant NOS

85.6 Mastopexy

85.7 Total reconstruction of breast

85.8 Other repair and plastic operations on breast

Excludes: that for:

augmentation (85.50-85.54)

reconstruction (85.7)

reduction (85.31-85.32)

85.81 Suture of laceration of breast

85.82 Split-thickness graft to breast

85.83 Full-thickness graft to breast

85.84 Pedicle graft to breast

85.85 Muscle flap graft to breast

85.86 Transposition of nipple

85.87 Other repair or reconstruction of nipple

85.89 Other mammoplasty

85.9 Other operations on the breast

85.91 Aspiration of breast

Excludes: percutaneous biopsy of breast (85.11)

85.92 Injection of therapeutic agent into breast

Excludes: that for augmentation of breast (85.51-85.52)

85.93 Revision of implant of breast

85.94 Removal of implant of breast

85.95 Insertion of breast tissue expander

Insertion (soft tissue) of tissue expander (one or more) under muscle or platysma to develop skin flaps for donor use

85.96 Removal of breast tissue expander

85.99 Other

86 Operations on skin and subcutaneous tissue

This note a 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 Incision of skin and subcutaneous tissue

86.01 Aspiration of skin and subcutaneous tissue

Aspiration of:

abscess of nail, skin, or subcutaneous tissue

hematoma of nail, skin, or subcutaneous tissue

seroma of nail, skin, or subcutaneous tissue

86.02 Injection or tattooing of skin lesion or defect

Injection of filling material

Insertion of filling material

Pigmenting of skin of filling material

- 86.03 Incision of pilonidal sinus or cyst  
Excludes: marsupialization (86.21)
- 86.04 Other incision with drainage of skin and subcutaneous tissue  
Excludes: drainage of:  
fascial compartments of face and mouth (27.0)  
palmar or thenar space (82.04)  
pilonidal sinus or cyst (86.03)
- 86.05 Incision with removal of foreign body or device from skin and subcutaneous tissue  
Removal of loop recorder  
Removal of neurostimulator pulse generator (single array, dual array)  
Removal of tissue expander(s) from skin or soft tissue other than breast tissue  
Excludes: removal of foreign body without incision (98.20-98.29)
- 86.06 Insertion of totally implantable infusion pump  
This instruction is used in the Tabular List for two purposes:  
1) To code components of a procedure that are performed at the same time, and  
2) To code the use of special adjunctive procedures or equipment. 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 loop recorder pocket, new site and insertion/relocation of device  
Creation of pocket for implantable, patient-activated cardiac event recorder and insertion/relocation of device  
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: that of:  
cardiac pacemaker pocket, new site (37.79)  
fascial compartments of face and mouth (27.0)

- 86.1 Diagnostic procedures on skin and subcutaneous tissue
- 86.11 Biopsy of skin and subcutaneous tissue
- 86.19 Other diagnostic procedures on skin and subcutaneous tissue
  - Excludes: microscopic examination of specimen from skin and subcutaneous tissue (91.61-91.79)
- 86.2 Excision or destruction of lesion or tissue of skin and subcutaneous tissue
- 86.21 Excision of pilonidal cyst or sinus
  - Marsupialization of 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 preauricula 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
- 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: adipectomy (86.83)
- biopsy of skin (86.11)
  - wide or radical excision of skin (86.4)
  - Z-plasty without excision (86.84)
- 86.4 Radical excision of skin lesion
- Wide excision of skin lesion involving underlying or adjacent structure
- This instruction is used in the Tabular List for two purposes:
- 1) To code components of a procedure that are performed at the same time, and
  - 2) To code the use of special adjunctive procedures or equipment. 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
- This note a excision of skin for autogenous graft
- Excludes: construction or reconstruction of:

penis (64.43-64.44)

trachea (31.75)

vagina (70.61-70.62)

86.6 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 (70.61-70.62)
- 86.7 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)
- 86.84 Relaxation of scar or web contracture of skin
- Z-plasty of skin
- Excludes: Z-plasty with excision of lesio (86.3)
- 86.85 Correction of syndactyly
- 86.86 Onychoplasty
- 86.89 Other repair and reconstruction of skin and subcutaneous tissue
- Excludes: mentoplasty (76.67-76.68)
- 86.9 Other operations on skin and subcutaneous tissue
- 86.91 Excision of skin for graft
- Excision of skin with closure of donor site
- Excludes: that with graft at sam operative episode (86.60- 86.69)
- 86.92 Electrolysis and other epilation of skin
- Excludes: epilation of eyelid (08.91-08.93)
- 86.93 Insertion of tissue expander
- Insertion (subcutaneous) (soft tissue) of expander(one or more) in scalp (subgaleal space), face, neck, trunk except breast, and upper and lower extremities for development of skin flap
- Excludes: flap graft preparation (86.71)
- tissue expander, breast (85.95)
- 86.94 Insertion or replacement of single array neurostimulator pulse generator
- Pulse generator (single array, single channel) for intracranial, spinal, and peripheral neurostimulator
- Code also any associated lead implantation (02.93,03.93,04.92)
- 86.95 Insertion or replacement of dual array neurostimulator pulse generator
- Pulse generator (dual array, dual channel) for intracranial, spinal, and peripheral neurostimulator
- Code also any associated lead implantation (02.93,03.93,04.92)
- 86.96 Insertion or replacement of other neurostimulator pulse generator
- Code also any associated lead implantation (02.93,03.93,04.92)
- Excludes: insertion of dual array neurostimulator pulse generator (86.95)
- insertion of single array neurostimulator pulse generator (86.94)
- 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 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
  - Sacrococcygeal x-ray
- 87.29 Other x-ray of spine
  - Spinal x-ray NOS
- 87.3 Soft tissue x-ray of thorax

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

87.41 Computerized axial tomography of thorax

C.A.T. scan of 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

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 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)

- kidney (87.71)
- thorax (87.41)
- 88.39 X-ray, other and unspecified
- 88.4 Arteriography using contrast material
  - This note a 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)
- 88.4 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
  - This note a arterial puncture and insertion of arterial catheter for injection of contrast material

cineangiography

selective angiography

This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
- 2) To code the use of special adjunctive procedures or equipment. Code also synchronous cardiac catheterization (37.21-37.23)

Excludes: angiography of pulmonary vessels (88.43, 88.62)

88.5 Angiography, not otherwise specified

88.51 Angiography of venae cavae

Inferior vena cavography

Phlebography of vena cava (inferior) (superior)

88.52 Angiography of right heart structures

Angiography of:

pulmonary valve

right atrium

right ventricle (outflow tract)

Excludes: that combined with left heart angiography (88.54)

88.53 Angiography of left heart structures

Angiography of:

aortic valve

left atrium

left ventricle (outflow tract)

Excludes: that combined with right heart angiography (88.54)

88.54 Combined right and left heart angiography

88.55 Coronary arteriography using a single catheter

Coronary arteriography by Sones technique

Direct selective coronary arteriography

using a single catheter

88.56 Coronary arteriography using two catheters

Coronary arteriography by:

Judkins technique

Ricketts and Abrams technique

Direct selective coronary arteriography using two catheters

88.57 Other and unspecified coronary arteriography

Coronary arteriography NOS

- 88.58 Negative-contrast cardiac roentgenography  
Cardiac roentgenography with injection of carbon dioxide
- 88.6 Phlebography  
This note a 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)
- 88.6 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  
This note a Echography  
Non-invasive ultrasound  
Ultrasonic angiography  
Ultrasonography  
Excludes: intravascular imaging (adjunctive) (IVUS) (00.21-00.29)  
therapeutic ultrasound (00.01 -00.09)
- 88.71 Diagnostic ultrasound of head and neck  
Determination of midline shift of brain  
Echoencephalography  
Excludes: eye (95.13)

- 88.72 Diagnostic ultrasound of heart
  - Echocardiography
  - Transesophageal echocardiography
  - Excludes: echocardiography of heart chambers (37.28)
  - intracardiac echocardiography (ICE) (37.28)
  - intravascular (IVUS) imaging of coronary vessels (00.24)
- 88.73 Diagnostic ultrasound of other sites of thorax
  - Aortic arch ultrasonography
  - Breast ultrasonography
  - Lung ultrasonography
- 88.74 Diagnostic ultrasound of digestive system
- 88.75 Diagnostic ultrasound of urinary system
- 88.76 Diagnostic ultrasound of abdomen and retroperitoneum
- 88.77 Diagnostic ultrasound of peripheral vascular system
  - Deep vein thrombosis ultrasonic scanning
- 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
- 88.9 Diagnostic imaging, not elsewhere classified
- 88.91 Magnetic resonance imaging of brain and brain stem
  - Excludes: intraoperative magnetic resonance imaging (88.96)
  - real-time magnetic resonance imaging (88.96)
- 88.92 Magnetic resonance imaging of chest and myocardium
  - For evaluation of hilar and mediastinal lymphadenopathy
- 88.93 Magnetic resonance imaging of spinal canal
  - Spinal cord levels:
    - cervical
    - thoracic
    - lumbar (lumbosacral)
  - Spinal cord
  - Spine
- 88.94 Magnetic resonance imaging of musculoskeletal
  - Bone marrow blood supply
  - Extremities (upper) (lower)
- 88.95 Magnetic resonance imaging of pelvis, prostate, and bladder
- 88.96 Other intraoperative magnetic resonance imaging
  - iMRI
  - Real-time magnetic resonance imaging
- 88.97 Magnetic resonance imaging of other and unspecified sites
  - Abdomen
  - Eye orbit
  - Face
  - Neck
- 88.98 Bone mineral density studies
  - Dual photon absorptiometry
  - Quantitative computed tomography (CT) studies
  - Radiographic densitometry

- Single photon absorptiometry
- 89 Interview, evaluation, consultation, and examination
- 89 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)
- 89.1 Intracarotid amobarbital test
- Wada test
- 89.11 Tonometry
- 89.12 Nasal function study
- Rhinomanometry
- 89.13 Neurologic examination
- 89.14 Electroencephalogram
- Excludes: that with polysomnogram (89.17)
- 89.15 Other nonoperative neurologic function tests
- 89.16 Transillumination of newborn skull
- 89.17 Polysomnogram
- Sleep recording
- 89.18 Other sleep disorder function tests

- Multiple sleep latency test [MSLT]
- 89.19 Video and radio-telemetered electroencephalographic monitoring
- Radiographic EEG monitoring
- Video EEG monitoring
- 89.2 Anatomic and physiologic measurements and manual examinations -- genitourinary system
- Excludes: the listed procedures when done as part of a general physical examination (89.7)
- 89.21 Urinary manometry
- Manometry through:
  - indwelling ureteral catheter
  - nephrostomy
  - pyelostomy
  - ureterostomy
- 89.22 Cystometrogram
- 89.23 Urethral sphincter electromyogram
- 89.24 Uroflowmetry [UFR]
- 89.25 Urethral pressure profile [UPP]
- 89.26 Gynecological examination
- Pelvic examination
- 89.29 Other nonoperative genitourinary system measurements
- Bioassay of urine
- Renal clearance
- Urine chemistry
- 89.3 Other anatomic and physiologic measurements and manual examinations
- Excludes: the listed procedures when done as part of a general physical examination (89.7)
- 89.31 Dental examination
- Oral mucosal survey
- Periodontal survey
- 89.32 Esophageal manometry
- 89.33 Digital examination of enterostomy stoma
- Digital examination of colostomy stoma
- 89.34 Digital examination of rectum
- 89.35 Transillumination of nasal sinuses
- 89.36 Manual examination of breast
- 89.37 Vital capacity determination

- 89.38 Other nonoperative respiratory measurements
  - Plethysmography for measurement of respiratory function
  - Thoracic impedance plethysmography
- 89.39 Other nonoperative measurements and examinations
  - 14 C-Urea breath test
  - Basal metabolic rate [BMR]
  - Gastric:
    - analysis
    - function NEC
  - Excludes: body measurement (93.07)
  - cardiac tests (89.41-89.69)
  - fundus photography (95.11)
  - limb length measurement (93.06)
- 89.4 Cardiac stress tests, pacemaker and defibrillator checks
- 89.41 Cardiovascular stress test using treadmill
- 89.42 Masters' two-step stress test
- 89.43 Cardiovascular stress test using bicycle ergometer
- 89.44 Other cardiovascular stress test
  - Thallium stress test with or without transesophageal pacing
- 89.45 Artificial pacemaker rate check
  - Artificial pacemaker function check NOS
  - Bedside device check of pacemaker or cardiac resynchronization pacemaker [CRT-P]
  - Interrogation only without arrhythmia induction
  - Excludes: electrophysiologic studies [EPS] (37.26)
  - non-invasive programmed electrical stimulation [NIPS] (arrhythmia induction) (37.26)
- 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: electrophysiologic studies [EPS] (37.26)
  - non-invasive programmed electrical stimulation [NIPS] (arrhythmia induction) (37.26)

- 89.5 Other nonoperative cardiac and vascular diagnostic procedures
  - Excludes: fetal EKG (75.32)
- 89.5 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 during surgery -- omit code
- 89.55 Phonocardiogram with ECG lead
- 89.56 Carotid pulse tracing with ECG lead
  - Excludes: oculoplethysmography (89.58)
- 89.57 Apexcardiogram (with ECG lead)
- 89.58 Plethysmogram
  - Penile plethysmography with nerve stimulation
  - Excludes: plethysmography (for):
  - measurement of respiratory function (89.38)
  - thoracic impedance (89.38)
- 89.59 Other nonoperative cardiac and vascular measurements
- 89.6 Circulatory monitoring
  - Excludes: electrocardiographic monitoring during surgery -- omit code
- 89.6 Continuous intra-arterial blood gas monitoring
  - Insertion of blood gas monitoring system and continuous monitoring of blood gases through an intra-arterial sensor
- 89.61 Systemic arterial pressure monitoring
- 89.62 Central venous pressure monitoring
- 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

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 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 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 (91.70-91.79)
- 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 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)
- 92.21 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
- 92.26 Teleradiotherapy of other particulate radiation
- Neutrons
- Protons NOS
- 92.27 Implantation or insertion of radioactive elements
- Intravascular brachytherapy
- This instruction is used in the Tabular List for two purposes:
- 1) To code components of a procedure that are performed at the same time, and
  - 2) To code the use of special adjunctive procedures or equipment. Code also incision of site
- 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
- 92.29 Other radiotherapeutic procedure
- 92.3 Stereotactic radiosurgery
- This instruction is used in the Tabular List for two purposes:

- 1) To code components of a procedure that are performed at the same time, and
  - 2) To code the use of special adjunctive procedures or equipment. Code also stereotactic head frame application (93.59)
- Excludes: stereotactic biopsy
- 92.3 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
- 93 Physical therapy, respiratory therapy, rehabilitation, and related procedures
- 93 Diagnostic physical therapy
- 93.01 Functional evaluation
- 93.02 Orthotic evaluation
- 93.03 Prosthetic evaluation
- 93.04 Manual testing of muscle function
- 93.05 Range of motion testing
- 93.06 Measurement of limb length
- 93.07 Body measurement
- Girth measurement
- Measurement of skull circumference
- 93.08 Electromyography
- Excludes: eye EMG (95.25)  
that with polysomnogram (89.17)  
urethral sphincter EMG (89.23)
- 93.09 Other diagnostic physical therapy procedure
- 93.1 Physical therapy exercises
- 93.11 Assisting exercise
- Excludes: assisted exercise in pool (93.31)
- 93.12 Other active musculoskeletal exercise

93.13 Resistive exercise  
 93.14 Training in joint movements  
 93.15 Mobilization of spine  
 93.16 Mobilization of other joints  
 Excludes: manipulation o temporomandibular joint (76.95)  
 93.17 Other passive musculoskeletal exercise  
 93.18 Breathing exercise  
 93.19 Exercise, not elsewhere classified  
 93.2 Other physical therapy musculoskeletal manipulation  
 93.21 Manual and mechanical traction  
 Excludes: skeletal traction (93.43-93.44)  
 skin traction (93.45-93.46)  
 spinal traction (93.41-93.42)  
 93.22 Ambulation and gait training  
 93.23 Fitting of orthotic device  
 93.24 Training in use of prosthetic or orthotic device  
 Training in crutch walking  
 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: 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
  - Velpeau dressing
- 93.6 Osteopathic manipulative treatment
- 93.61 Osteopathic manipulative treatment for general mobilization
  - General articular 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 mechanical ventilation (96.70-96.72)

93.9             Continuous positive airway pressure [CPAP]

Bi-level airway pressure

Non-invasive positive pressure (NIPPV)

93.91            Intermittent positive pressure breathing [IPPB]

93.93            Nonmechanical methods of resuscitation

Artificial respiration

Manual resuscitation

Mouth-to-mouth resuscitation

93.94            Respiratory medication administered by nebulizer

Mist therapy

93.95            Hyperbaric oxygenation

Excludes: oxygenation of wound (93.59)

93.96            Other oxygen enrichment

Catalytic oxygen therapy

Cytoreductive effect

Oxygenators

Oxygen therapy

Excludes: oxygenation of wound (93.59)

93.97            Decompression chamber

93.98            Other control of atmospheric pressure and composition

Antigen-free air conditioning

Helium therapy

Excludes: inhaled nitric oxide therapy (INO) (00.12)

93.99            Other respiratory procedures

Continuous negative pressure ventilation [CNP]

Postural drainage

94                Procedures related to the psyche

94                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 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
  - This instruction is used in the Tabular List for two purposes:
    - 1) To code components of a procedure that are performed at the same time, and
    - 2) To code the use of special adjunctive procedures or equipment. 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 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
- 96.06 Insertion of Sengstaken tube
- Esophageal tamponade
- 96.07 Insertion of other (nasogastric) tube
  - Intubation for decompression
  - Excludes: that for enteral infusion of nutritional substance (96.6)
- 96.08 Insertion of (nasointestinal) 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 (naso-)gastric tube  
96.35 Gastric gavage  
96.36 Irrigation of gastrostomy or enterostomy  
96.37 Proctoclysis  
96.38 Removal of impacted feces  
Removal of impaction:  
by flushing manually  
96.39 Other transanal enema  
Rectal irrigation  
Excludes: reduction of intussusception of alimentary tract by ionizing radiation enema (96.29)  
96.4 Nonoperative irrigation, cleaning, and local instillation of other digestive and genitourinary organs  
96.41 Irrigation of cholecystostomy and other biliary tube  
96.42 Irrigation of pancreatic tube  
96.43 Digestive tract instillation, except gastric gavage  
96.44 Vaginal douche  
96.45 Irrigation of nephrostomy and pyelostomy  
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 mechanical ventilation

This note a Endotracheal respiratory assistance

Intermittent mandatory ventilation [IMV]

Positive end expiratory pressure [PEEP]

Pressure support ventilation [PSV]

That by tracheostomy

Weaning of an intubated (endotracheal tube) patient

Excludes: Terms follo bi-level airway pressure (93.90)

continuous negative pressure ventilation [CNP] (iron lung) (cuirass) (93.99)

continuous positive airway pressure [CPAP] (93.90)

intermittent positive pressure breathing [IPPB] (93.91)

non-invasive positive pressure (NIPPV) (93.90)

that by face mask (93.90-93.99)

that by nasal cannula (93.90-93.99)

that by nasal catheter (93.90-93.99)

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment.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  
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

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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 \

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- 96.7 Continuous mechanical ventilation of unspecified duration
- Mechanical ventilation NOS
- 96.71 Continuous mechanical ventilation for less than 96 consecutive hours
- 96.72 Continuous mechanical ventilation for 96 consecutive hours or more
- 97 Replacement and removal of therapeutic appliances
- 97 Nonoperative replacement of gastrointestinal appliance
- 97.01 Replacement of (nasal-)gastric or esophagostomy tube
- 97.02 Replacement of gastrostomy tube
- 97.03 Replacement of tube or enterostomy device of small intestine
- 97.04 Replacement of tube or enterostomy device of large intestine
- 97.05 Replacement of stent (tube) in biliary or pancreatic duct
- 97.1 Nonoperative replacement of musculoskeletal and integumentary system appliance
- 97.11 Replacement of cast on upper limb
- 97.12 Replacement of cast on lower limb
- 97.13 Replacement of other cast
- 97.14 Replacement of other device for musculoskeletal immobilization
- 97.15 Replacement of wound catheter
- 97.16 Replacement of wound packing or drain

Excludes: repacking of:

dental wound (97.22)

vulvar wound (97.26)

- 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  
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 Removal of intraluminal foreign body from digestive system without incision
- Excludes: removal of therapeutic device (97.51-97.59)
- 98.01 Removal of intraluminal foreign body from mouth without incision
- 98.02 Removal of intraluminal foreign body from esophagus without incision
- 98.03 Removal of intraluminal foreign body from stomach and small intestine without incision
- 98.04 Removal of intraluminal foreign body from large intestine without incision

98.05 Removal of intraluminal foreign body from rectum and anus without incision

98.1 Removal of intraluminal foreign body from other sites without incision

Excludes: removal of therapeutic device (97.31-97.49, 97.61-97.89)

98.11 Removal of intraluminal foreign body from ear without incision

98.12 Removal of intraluminal foreign body from nose without incision

98.13 Removal of intraluminal foreign body from pharynx without incision

98.14 Removal of intraluminal foreign body from larynx without incision

98.15 Removal of intraluminal foreign body from trachea and bronchus without incision

98.16 Removal of intraluminal foreign body from uterus without incision

Excludes: removal of intrauterine contraceptive device (97.71)

98.17 Removal of intraluminal foreign body from vagina without incision

98.18 Removal of intraluminal foreign body from artificial stoma without incision

98.19 Removal of intraluminal foreign body from urethra without incision

98.2 Removal of other foreign body without incision

Excludes: removal of intraluminal foreign body (98.01-98.19)

98.2 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                    Transfusion of blood and blood components  
This instruction is used in the Tabular List for two purposes:  
1)                To code components of a procedure that are performed at the same time, and  
2)                To code the use of special adjunctive procedures or  
                      equipment. Use additional code for that done via catheter or cutdown (38.92-38.94)
- 99                    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 (41.0)

99.1 Injection or infusion of therapeutic or prophylactic substance

This note a injection or infusion given:

hypodermically acting locally or systemically intramuscularly acting locally or systemically

intravenously acting locally or systemically

99.1 Injection or infusion of thrombolytic agent

Streptokinase

Tissue plasminogen activator (TPA)

Urokinase

Excludes: aspirin - omit code

GP IIB/IIIa plalet inhibitor (99.20)

heparin (99.19)

single vessel percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy with mention of thrombolytic agent (36.02)

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 of gamma globulin

Injection of immune sera

99.15 Parenteral infusion of concentrated nutritional substances

Hyperalimentation

Total parenteral nutrition [TPN]

Peripheral parenteral nutrition [PPN]

99.16 Injection of antidote

Injection of:

antivenin

heavy metal antagonist

99.17 Injection of insulin

99.18 Injection or infusion of electrolytes

99.19 Injection of anticoagulant

Excludes: infusion of drotrecogin alfa (activated)(00.11)

99.2 Injection or infusion of other therapeutic or prophylactic substance

This note a injection or infusion given:

hypodermically acting locally or systemically

intramuscularly acting locally or systemically

intravenously acting locally or systemically

This instruction is used in the Tabular List for two purposes:

1) To code components of a procedure that are performed at the same time, and

2) To code the use of special adjunctive procedures or equipment. Use additional code 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)

99.2 Injection or infusion of platelet inhibitor

Glycoprotein IIB/IIIa inhibitor

GP IIB/IIIa inhibitor

GP IIB-IIIa inhibitor

Excludes: infusion of heparin (99.19)

injection or infusion of thrombolytic agent (99.10)

- 99.21 Injection of antibiotic  
Excludes: injection or infusion of oxazolidinone class of antibiotics (00.14)
- 99.22 Injection of other anti-infective  
Excludes: injection or infusion of oxazolidinone class of antibiotics (00.14)
- 99.23 Injection of steroid  
Injection of cortisone  
Subdermal implantation of progesterone
- 99.24 Injection of other hormone
- 99.25 Injection or infusion of cancer chemotherapeutic substance  
Chemoembolization  
Injection or infusion of antineoplastic agent  
Excludes: Terms following the word "excludes" are to be coded elsewhere as indicated in each case. 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)
- 99.26 Injection of tranquilizer
- 99.27 Iontophoresis
- 99.28 Injection or infusion of biological response modifier [BRM] as an antineoplastic agent  
Low-dose interleukin-2 (IL-2) therapy  
Immunotherapy, antineoplastic  
Interleukin therapy  
Tumor vaccine  
Excludes: high-dose infusion interleukin-2 [IL-2] (00.15)
- 99.29 Injection or infusion of other therapeutic or prophylactic substance  
Excludes: Terms following administration of neuroprotective agent (99.75)  
immunization (99.31-99.59)  
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)

- 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)

- 99.6 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  
This instruction is used in the Tabular List for two purposes:  
1)            To code components of a procedure that are performed at the same time, and  
2)            To code the use of special adjunctive procedures or equipment. 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





















































































































































artery



olytic agent













ng leads into the right ventricle; tunneling and pocket creation for the cardiomyostimulator.







ts] at the end of each code/description.









































































































































ctomy with urethrectomy



























































































































































js for donor use

































































It ends with (endotracheal) extubation.  
at the time of transfer (discharge).

When the mechanical ventilator is turned off (after the weaning period).