<table>
<thead>
<tr>
<th>Tabular</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Revise code title</strong></td>
<td>00.18</td>
<td>Infusion of immunosuppressive antibody therapy during induction phase of solid organ transplantation</td>
</tr>
<tr>
<td><strong>Add inclusion term</strong></td>
<td></td>
<td>Includes: during induction phase of solid organ transplantation</td>
</tr>
<tr>
<td><strong>New code</strong></td>
<td>00.19</td>
<td>Disruption of blood brain barrier via infusion [BBBD]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Infusion of substance to disrupt blood brain barrier</td>
</tr>
<tr>
<td></td>
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<td>Code also chemotherapy (99.25)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Excludes: other perfusion (39.97)</td>
</tr>
<tr>
<td><strong>Revise code title</strong></td>
<td>00.74</td>
<td>Hip replacement bearing surface, metal-on-polyethylene</td>
</tr>
<tr>
<td><strong>Revise code title</strong></td>
<td>00.75</td>
<td>Hip replacement bearing surface, metal-on-metal</td>
</tr>
<tr>
<td><strong>Revise code title</strong></td>
<td>00.76</td>
<td>Hip replacement bearing surface, ceramic-on-ceramic</td>
</tr>
<tr>
<td><strong>Revise code title</strong></td>
<td>00.77</td>
<td>Hip replacement bearing surface, ceramic-on-polyethylene</td>
</tr>
<tr>
<td><strong>New code</strong></td>
<td>00.94</td>
<td>Intra-operative neurophysiologic monitoring</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Includes: Cranial nerve, peripheral nerve and spinal cord testing performed intra-operatively</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Intra-operative neurophysiologic testing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IOM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nerve monitoring</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Neuromonitoring</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Excludes: brain temperature monitoring (01.17)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>intracranial oxygen monitoring (01.16)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>intracranial pressure monitoring (01.10)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>plethysmogram (89.58)</td>
</tr>
</tbody>
</table>
New code 01.10 Intracranial pressure monitoring
Includes: insertion of catheter or probe for monitoring

New code 01.16 Intracranial oxygen monitoring
Includes: insertion of catheter or probe for monitoring
Partial pressure of brain oxygen (PbtO₂)

New code 01.17 Brain temperature monitoring
Includes: insertion of catheter or probe for monitoring

01.18 Other diagnostic procedures on brain and cerebral meninges
Add exclusion term Excludes: brain temperature monitoring (01.17)
Add exclusion term intracranial oxygen monitoring (01.16)
Add exclusion term intracranial pressure monitoring (01.10)

03.09 Other exploration and decompression of spinal canal
Add code also note Code also any synchronous insertion, replacement and revision of posterior spinal motion preservation device(s), if performed (84.80 - 84.85)

Revise code title 07.81 Other partial excision of thymus
Add inclusion term Open partial excision of thymus
Add exclusion term Excludes: thoracoscopic partial excision of thymus (07.83)

Revise code title 07.82 Other total excision of thymus
Add inclusion term Open total excision of thymus
Add exclusion term Excludes: thoracoscopic total excision of thymus (07.84)

New code 07.83 Thoracoscopic partial excision of thymus
Excludes: other partial excision of thymus (07.81)

New code 07.84 Thoracoscopic total excision of thymus
Excludes: other total excision of thymus (07.82)

Revise code title 07.92 Other incision of thymus
Add inclusion term Open incision of thymus
Add exclusion term Excludes: thoracoscopic incision of thymus (07.95)
New code  07.95  Thoracoscopic incision of thymus
Excludes:  other incision of thymus (07.92)

New code  07.98  Other and unspecified thoracoscopic operations on thymus

Revise code title 07.99  Other and unspecified operations on thymus
Add inclusion term Transcervical thymectomy
Delete inclusion term Thymopexy
Add exclusion term Excludes:  other thoracoscopic operations on thymus (07.98)

20.99  Other operations on middle and inner ear
Add inclusion term Attachment of percutaneous abutment (screw) for prosthetic device

New code  32.20  Thoracoscopic excision of lesion or tissue of lung
Thoracoscopic wedge resection
Add exclusion term Excludes:  thoracoscopic excision of lesion or tissue of lung (32.20)

32.25  Thoracoscopic ablation of lung lesion or tissue
Add exclusion term Excludes:  thoracoscopic excision of lesion or tissue of lung (32.20)

32.29  Other local excision or destruction of lesion or tissue of lung
Add exclusion term Excludes:  thoracoscopic excision of lesion or tissue of lung (32.20)

Create new subcategory  32.3  Segmental resection of lung
Partial lobectomy

New code  32.30  Thoracoscopic segmental resection of lung

New code  32.39  Other and unspecified segmental resection of lung
Excludes:  thoracoscopic segmental resection of lung (32.30)
Create new subcategory 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)

New code 32.41 Thoracoscopic lobectomy of lung  
New code 32.49 Other lobectomy of lung  
Excludes: thoracoscopic lobectomy of lung (32.41)

Revise title/Create new subcategory 32.5 Complete Pneumonectomy  
Excision of lung NOS  
Pneumonectomy (with mediastinal dissection)

New code 32.50 Thoracoscopic pneumonectomy  
New code 32.59 Other and unspecified pneumonectomy  
Excludes: thoracoscopic pneumonectomy (32.50)

New code 33.20 Thoracoscopic lung biopsy  
Excludes: closed endoscopic biopsy of lung (33.27)  
closed [percutaneous] [needle] biopsy of lung (33.26)  
open biopsy of lung (33.28)

Add inclusion term 33.26 Closed [percutaneous] [needle] biopsy of lung  
Fine needle aspiration (FNA) of lung  
Transthoracic needle biopsy of lung (TTNB)

Add exclusion term 33.27 Closed endoscopic biopsy of lung  
Excludes: thoracoscopic lung biopsy (33.20)
34.04 Insertion of intercostal catheter for drainage

Add exclusion term  Excludes: thoracoscopic drainage of pleural cavity (34.06)

New code  34.06 Thoracoscopic drainage of pleural cavity
Evacuation of empyema

New code  34.20 Thoracoscopic pleural biopsy

Add exclusion term  Excludes: thoracoscopic pleural biopsy (34.20)

Revise code title  34.24 Other pleural biopsy

34.51 Decortication of lung

Add exclusion term  Excludes: thoracoscopic decortication of lung (34.52)

New code  34.52 Thoracoscopic decortication of lung

Revise code title  39.8 Operations on carotid body, carotid sinus and other vascular bodies

Delete inclusion term  Implantation into carotid body:
Pacemaker

Delete inclusion term  Electronic stimulator

Revise inclusion term  Implantation or replacement of carotid sinus baroreflex activation device

Add inclusion term  Excludes: replacement of carotid sinus lead(s) only (04.92)

48.74 Rectorectostomy

Add inclusion term  Stapled transanal rectal resection (STARR)

New code  50.13 Transjugular liver biopsy
Transvenous liver biopsy

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

New code  50.14 Laparoscopic liver biopsy
Excludes: closed (percutaneous) [needle] biopsy of liver (50.11)
open biopsy of liver (50.12)
transjugular liver biopsy (50.13)
50.19  Other diagnostic procedures on liver

Delete inclusion term  Laparoscopic liver biopsy

Add exclusion term  Excludes: laparoscopic liver biopsy (50.14)
Add exclusion term  Transjugular liver biopsy (50.13)

Revise code title  53.41  Repair of umbilical hernia with graft or prosthesis

Revise code title  53.61  Incisional hernia repair with graft or prosthesis

Revise code title  53.69  Repair of other hernia of anterior abdominal wall with graft or prosthesis

54  Other operations on abdominal region
Includes: operations on:

Revise inclusion term  Male pelvic cavity

Delete exclusion term  Excludes: female pelvic cavity (69.01-70.92)

70.52  Repair of rectocele
Add exclusion term  Excludes: STARR procedure (48.74)

New code  70.53  Repair of cystocele and rectocele with graft or prosthesis
Use additional code for biological substance (70.94) or synthetic substance (70.95), if known

New code  70.54  Repair of cystocele with graft or prosthesis
Anterior colporrhaphy (with urethrocele repair)
Use additional code for biological substance (70.94) or synthetic substance (70.95), if known

New code  70.55  Repair of rectocele with graft or prosthesis
Posterior colporrhaphy
Use additional code for biological substance (70.94) or synthetic substance (70.95), if known
New code  70.63  Vaginal construction with graft or prosthesis
Use additional code for biological substance (70.94) or synthetic substance (70.95), if known

Excludes: vaginal construction (70.61)

New code  70.64  Vaginal reconstruction with graft or prosthesis
Use additional code for biological substance (70.94) or synthetic substance (70.95), if known

Excludes: vaginal reconstruction (70.62)

New code  70.78  Vaginal suspension and fixation with graft or prosthesis
Use additional code for biological substance (70.94) or synthetic substance (70.95), if known

New code  70.93  Other operations on cul-de-sac with graft or prosthesis
  Repair of vaginal enterocele with graft or prosthesis
Use additional code for biological substance (70.94) or synthetic substance (70.95), if known

New code  70.94  Insertion of biological graft
  Allogenic material or substance
  Allograft
  Autograft
  Autologous material or substance
  Heterograft
  Xenogenic material or substance
Code first these procedures when done with graft or prosthesis:
  Other operations on cul-de-sac (70.93)
  Repair of cystocele (70.54)
  Repair of cystocele and rectocele (70.53)
  Repair of rectocele (70.55)
  Vaginal construction (70.63)
  Vaginal reconstruction (70.64)
  Vaginal suspension and fixation (70.78)
New code 70.95 Insertion of synthetic graft or prosthesis
Artificial tissue
Code first these procedures when done with graft or prosthesis:
Other operations on cul-de-sac (70.93)
Repair of cystocele (70.54)
Repair of cystocele and rectocele (70.53)
Repair of rectocele (70.55)
Vaginal construction (70.63)
Vaginal reconstruction (70.64)
Vaginal suspension and fixation (70.78)

78.6 Removal of implanted devices from bone
Add inclusion term Removal of pedicle screw(s) used in spinal fusion
Add exclusion term Excludes: removal of posterior spinal motion preservation (facet replacement, pedicle-based dynamic stabilization, interspinous process) device(s) (80.09)

80.0 Arthrotomy for removal of prosthesis
Add inclusion term Includes removal of posterior spinal motion preservation (dynamic stabilization, facet replacement, interspinous process) device(s)
Code also any:
Revise subterm insertion of (cement) (joint) (methylmethacrylate) spacer (84.56)
Revise subterm removal of (cement) (joint) (methylmethacrylate) spacer (84.57)
Add exclusion term Excludes: removal of pedicle screws used in spinal fusion (78.69)

81.0 Spinal fusion
Add code also note Code also any synchronous excision of (locally) harvested bone for graft (77.70-77.79)

81.3 Refusion of spine
Add code also note Code also any synchronous excision of (locally) harvested bone for graft (77.70-77.79)

81.5 Joint replacement of lower extremity
Includes:
Delete inclusion term removal of cement spacer
81.51 Total hip replacement
Revise code Code also any type of bearing surface, if known (00.74-00.767)

81.52 Partial hip replacement
Revise code Code also any type of bearing surface, if known (00.74-00.767)

81.53 Revision of hip replacement, not otherwise specified
Revise code Code also any type of bearing surface, if known (00.74-00.767)

84.56 Insertion of (cement) spacer
Revise inclusion term Insertion of joint (methylmethacrylate) spacer

84.57 Removal of (cement) spacer
Revise inclusion term Removal of joint (methylmethacrylate) spacer

Delete code 84.58 Implantation of interspinous process decompression device
Excludes: fusion of spine (81.00 81.08, 81.30 81.39)

Delete inclusion term 84.59 Insertion of other spinal devices
Add exclusion term Excludes: initial insertion of pedicle screws with spinal fusion-omit code
Add exclusion term insertion of facet replacement device(s) (84.84)
Add exclusion term insertion of interspinous process device(s) (84.80)
Add exclusion term insertion of pedicle-based dynamic stabilization device(s) (84.82)

Create new subcategory 84.8 Insertion, replacement and revision of posterior spinal motion preservation device(s)
Dynamic spinal stabilization device(s)
Includes any synchronous facetectomy (partial, total) performed at the same level
Code also any synchronous surgical decompression (foraminotomy, laminectomy, laminotomy), if performed (03.09)

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

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

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

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

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

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

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

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

Excludes: removal of pedicle screws used in spinal fusion (78.69)
replacement of pedicle screws used in spinal fusion (78.59)
revision of facet replacement device(s) (84.85)
revision of interspinous process device(s) (84.81)
New code 84.84  Insertion or replacement of facet replacement device(s)
Facet arthroplasty

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

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

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

86.05  Incision with removal of foreign body or device from skin and subcutaneous tissue
Add inclusion term  Removal of carotid sinus baroreflex activation device

86.6  Free skin graft
Revise code  Excludes:  construction or reconstruction of:
vagina (70.61-70.62 4)

86.7  Pedicle grafts or flaps
Revise code  Excludes:  construction or reconstruction of:
vagina (70.61-70.62 4)

88.52  Angiocardiography of right heart structures
Add exclusion term  Excludes:  intra-operative fluorescence vascular angiography (88.59)

88.53  Angiocardiography of left heart structures
Add exclusion term  Excludes:  intra-operative fluorescence vascular angiography (88.59)
88.54 Combined right and left heart angiocardiography

Add exclusion term Excludes: intra-operative fluorescence vascular angiography (88.59)

88.55 Coronary arteriography using a single catheter

Add exclusion term Excludes: intra-operative fluorescence vascular angiography (88.59)

88.56 Coronary arteriography using two catheters

Add exclusion term Excludes: intra-operative fluorescence vascular angiography (88.59)

88.57 Other and unspecified coronary arteriography

Add exclusion term Excludes: intra-operative fluorescence vascular angiography (88.59)

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

92.25 Teleradiotherapy using electrons

Add exclusion term Excludes: intra-operative electron radiation therapy (92.41)

Create new Subcategory 92.4 Intra-operative radiation procedures

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

96.7 Other continuous mechanical ventilation

Revise exclusion term Excludes: bi-level positive airway pressure [BiPAP] (93.90)
97.49  Removal of other device from thorax
Add exclusion term Excludes:  Endoscopic removal of bronchial device(s) or substances (33.78)

98.15  Removal of intraluminal foreign body from trachea and bronchus without incision
Add exclusion term Excludes:  Endoscopic removal of bronchial device(s) or substances (33.78)

Revise code title 99.14  Injection or infusion of gamma globulin

99.25  Injection or infusion of cancer chemotherapeutic substance
Add code also note Use additional code for disruption of blood brain barrier, if performed [BBBD] (00.19)

99.29  Injection or infusion of other therapeutic or prophylactic substance
Add exclusion term Excludes:  infusion of blood brain barrier disruption substance (00.19)

Index

Abbe operation
construction of vagina 70.61
Add subterm with graft or prosthesis 70.63

Angiocardiography (selective) 88.50
Add subterm intra-operative fluorescence vascular 88.59
Add subterm SPY 88.59

Angiography (arterial) - see also Arteriography 88.40
coronary NEC 88.57
Add subterm intra-operative fluorescence vascular 88.59

Apicectomy
Revise code lung 32.3 32.39
Add subterm thoracoscopic 32.30
Arteriography (contrast) (fluoroscopic) (retrograde) 88.40
Add subterm    coronary (direct) (selective) NEC 88.57
Add subterm    intra-operative fluorescence vascular 88.59
Add subterm    SPY 88.59

Aspiration
thymus 07.92
Add subterm    thoracoscopic 07.95

Attachment
Add subterm    abutment (screw) for prosthetic ear device
Add subterm    percutaneous 20.99
Add subterm    prosthetic ear device, abutment 20.99

Revise term    Bearing surface, hip replacement

Biopsy
liver 50.11
Revise code    laparoscopic 50.19 50.14
Add subterm    transjugular 50.13
Add subterm    transvenous 50.13
lung NEC 33.27
Add subterm    thoracoscopic 33.20
Add subterm    transthoracic 33.26
pleura, pleural 34.24
Add subterm    thoracoscopic 34.20

Add term    BiPAP 93.90

Catheterization - see also Insertion, catheter
chest 34.04
Add subterm    thoracoscopic 34.06
Add subterm    thoracoscopic 34.06
intercostal space (with water seal), for drainage 34.04
revision (with lysis of adhesions) 34.04
Add subterm    thoracoscopic 34.06
Add subterm    thoracoscopic 34.06
Colpoperineoplasty 70.79
Revise code with repair of urethrocele 70.50 70.51
Add subterm with graft or prosthesis 70.53

Colpopexy 70.77
Add subterm with graft or prosthesis 70.78

Colpofoiesis 70.61
Add subterm vaginal construction 70.61
Add subterm with graft or prosthesis 70.63

Colporrhaphy 70.71
anterior (cystocele repair) 70.51
Add subterm with graft or prosthesis 70.54
for repair of
cystocele 70.51
Add subterm with rectocele 70.50
Add subterm with graft or prosthesis 70.53
enterocele 70.92
Add subterm with graft or prosthesis 70.93
rectocele 70.52
with cystocele 70.50
Add subterm with graft or prosthesis 70.53
urothrocèle 70.51
Add subterm with graft or prosthesis 70.54
posterior (rectocele repair) 70.52
Add subterm with graft or prosthesis 70.55

Construction
vagina, artificial 70.61
Add subterm with graft or prosthesis 70.63

Culdoplasty 70.92
Add subterm with graft or prosthesis 70.93

Decortication
lung (partial) (total) 34.51
Add subterm thoracoscopic 34.52
Disruption
blood brain barrier via infusion [BBBD] 00.19

Dissection - see also Excision
mediastinum with pneumonectomy 32.5 32.59
thorascopic 32.50

Drainage
chest (closed) 34.04
thorascopic 34.06
pleura (closed) 34.04
thorascopic 34.06
thorax (closed) 34.04
thorascopic 34.06

Enterocelectomy 53.9
female 70.92
with graft or prosthesis 70.93
vaginal 70.92
with graft or prosthesis 70.93

Excision
accessory tissue - see also Excision, lesion, by site of tissue origin
lung 32.29
thorascopic 32.20
bleb (emphysematous), lung 32.29
thorascopic 32.20
cul-de-sac (Douglas’) 70.92
with graft or prosthesis 70.93
cyst - see also Excision, lesion, by site
lung 32.29
thorascopic 32.20
ectopic
tissue - see also Excision, lesion, by site of tissue origin
lung 32.29
thorascopic 32.20
lesion (local)
lung NEC 32.29
by wide excision 32.3 32.39
thorascopic 32.30
Add subterm thoracoscopic 32.20
pulmonary (fibrosis) 32.29
Add subterm thoracoscopic 32.20
Revise subterm thymus 07.81
Add subterm partial (open) (other) 07.81
Add subterm thoracoscopic 07.83
Add subterm total (open) (other) 07.82
Add subterm thoracoscopic 07.84
Revise subterm lung (complete) (with mediastinal dissection) 32.5 32.59
accessory or ectopic tissue 32.29
Add subterm thoracoscopic 32.20
Revise code segmental 32.3 32.39
Add subterm thoracoscopic 32.30
specified type NEC 32.29
Add subterm thoracoscopic 32.20
Add subterm thoracoscopic 32.50
wedge 32.29
Add subterm thoracoscopic 32.20

Exploration - see also Incision
thymus (gland) 07.92
Add subterm thoracoscopic 07.95

Fixation
urethrovaginal (to Cooper's ligament) 70.77
Add subterm with graft or prosthesis 70.78
vagina 70.77
Add subterm with graft or prosthesis 70.78

Formation
window
pleural (for drainage) 34.09
Add subterm thoracoscopic 34.06

Graft, grafting
Add subterm vagina
Add subterm biological 70.94
Add subterm synthetic 70.95
Harrison-Richardson operation (vaginal suspension) 70.77
Add subterm with graft or prosthesis 70.78
Implant, implantation

Revise code Dynesys® 84.59  84.82
electrode(s)
Add subterm carotid sinus 39.8
Revise code M-Brace™ 84.59  84.82
neurostimulator
electrodes
Add subterm carotid sinus 39.8
Add subterm Rheos™ carotid sinus baroreflex activation device 39.8
spine NEC 84.59
Add subterm facet replacement device(s) 84.4
Revise code interspinous process decompression device 84.58  84.80
Add subterm pedicle-based dynamic stabilization device(s) 84.82
Add subterm posterior motion preservation device(s) – see category 84.8
Add subterm stimulator
Add subterm carotid sinus 39.8
Revise code X Stop™ 84.58  84.80

Incision (and drainage)

Revise subterm thymus (open) (other) 07.92
Add subterm thorascopic 07.95

Infusion (intra-arterial) (intravenous)

Add subterm with
Add subterm disruption of blood brain barrier [BBBD] 00.19
Add subterm gamma globulin 99.14

Insertion
catheter
chest 34.04
revision (with lysis of adhesions) 34.04
Add subterm thorascopic 34.06
Add subterm thorascopic 34.06
intercostal (with water seal), for drainage 34.04
revision (with lysis of adhesions) 34.04
Add subterm thorascopic 34.06
Add subterm thorascopic 34.06
chest tube 34.04
Add subterm thorascopic 34.06
Revise code Dynesys® 84.59  84.82
intercostal catheter (with water seal), for drainage 34.04
Add subterm revision (with lysis of adhesions) 34.04
Add subterm thoracoscopic 34.06
Revise code M-Brace™ 84.59 84.82
prosthesis, prosthetic device
Add subterm vagina
Add subterm synthetic 70.95
Revise subterm spacer (cement) (joint) (methylmethacrylate) 84.56
spine
Add subterm facet replacement device(s) 84.84
Revise code interspinous process decompression device 84.58 84.80
Revise code non-fusion stabilization device 84.59 – see category 84.8
Add subterm pedicle-based dynamic stabilization device(s) 84.82
Add subterm posterior motion preservation device(s) – see category 84.8
tube - see also Catheterization and Intubation
chest 34.04
revision (with lysis of adhesions) 34.04
Add subterm thoracoscopic 34.06
Add subterm thoracoscopic 34.06
intercostal (with water seal), for drainage 34.04
revision (with lysis of adhesions) 34.04
Add subterm thoracoscopic 34.06
Revise code X Stop™ 84.58 84.80

Add term IOERT (intra-operative electron radiation therapy) 92.41

Add term IOM (intra-operative neurophysiologic monitoring) 00.94

Revise code Lingulectomy, lung 32.3- 32.39
Lobectomy
Revise code lung (complete) 32.4 32.49
Revise code partial 32.3 32.39
Add subterm thoracoscopic 32.30
Revise code segmental (with resection of adjacent lobes) 32.4 32.49
Add subterm thoracoscopic 32.41
Add subterm thoracoscopic 32.41

McIndoe operation (vaginal construction) 70.61
Add subterm with graft or prosthesis 70.63
Measurement
Revise code  intracranial pressure 01.18 01.10

Mediastinotomy 34.1
Revise code  with pneumonectomy 32.5 32.59
Add subterm  thoracoscopic 32.50

Monitoring
Add subterm  brain temperature 01.17
Add subterm  intracranial oxygen 01.16
Revise code  intracranial pressure 01.18 01.10
Add subterm  neurophysiologic
Add subterm  intra-operative 00.94
Add subterm  partial pressure of brain oxygen (PbtO$_2$) 01.16

Moschowitz
enterocele repair 70.92
Add subterm  with graft or prosthesis 70.93

Add term  Neuromonitoring
Add subterm  intra-operative 00.94

Norman Miller operation (vaginopexy) 70.77
Add subterm  with graft or prosthesis 70.78

Obliteration
cul-de-sac 70.92
Add subterm  with graft or prosthesis 70.93

Operation
Abbe
construction of vagina 70.61
Add subterm  with graft or prosthesis 70.63
Harrison-Richardson (vaginal suspension) 70.77
Add subterm  with graft or prosthesis 70.78
McCall (enterocele repair) 70.92
Add subterm  with graft or prosthesis 70.93
McIndoe (vaginal construction) 70.61
Add subterm  with graft or prosthesis 70.63
Moschowitz
enterocele repair 70.92
Add subterm with graft or prosthesis 70.93
Norman Miller (vaginopexy) 70.77
Add subterm with graft or prosthesis 70.78
thymus NEC 07.99
Add subterm thoracoscopic, NEC 07.98
Williams-Richardson (vaginal construction) 70.61
Add subterm with graft or prosthesis 70.63

Revise term Pneumonectomy (complete) (extended) (radical) (standard) (total)
Revise code (with mediastinal dissection) 32.5-32.59
partial
Revise code complete excision, one lobe 32.4 32.49
Revise code resection (wedge), one lobe 32.3 32.39
Add subterm thoracoscopic 32.50

Removal - see also Excision
cyst - see also Excision, lesion, by site
lung 32.29
Add subterm thoracoscopic 32.20
Add subterm carotid sinus 04.93
Add subterm with synchronous replacement 04.92
Add subterm neurostimulator
Add subterm electrodes
Add subterm carotid sinus 04.93
Add subterm with synchronous replacement 04.92
Add subterm prosthesis
Add subterm joint structures 80.00
Add subterm with replacement – see Revision, joint replacement, by site
Add subterm Rheos™ carotid sinus baroreflex activation device 86.05
Revise subterm spacer (cement) (joint) (methylmethacrylate) 84.57

Repair
cystocele 70.51
Add subterm with graft or prosthesis 70.54
Add subterm and rectocele 70.50
Add subterm with graft or prosthesis 70.53
Add subterm enterocoele (female) 70.92
Add subterm with graft or prosthesis 70.93
hernia NEC 53.9
paraumbilical 53.49
Revise subterm with graft or prosthesis 53.41
umbilical 53.49
Revise subterm with graft or prosthesis 53.41
omphalocele 53.49
Revise subterm with graft or prosthesis 53.41
rectocele (posterior colporrhaphy) 70.52
Add subterm with graft or prosthesis 70.55
Add subterm and cystocele 70.50
Add subterm with graft or prosthesis 70.53
rectum NEC 48.79
Add subterm STARR procedure 48.74
urethrocele (anterior colporrhaphy) (female) 70.51
Add subterm with graft or prosthesis 70.54
Add subterm and rectocele 70.50
Add subterm with graft or prosthesis 70.53
vagina, vaginal (cuff) (wall) NEC 70.79
anterior 70.51
Add subterm with graft or prosthesis 70.54
Add subterm with posterior repair 70.50
Add subterm with graft or prosthesis 70.53
cystocele 70.51
Add subterm with graft or prosthesis 70.54
Add subterm and rectocele 70.50
Add subterm with graft or prosthesis 70.53
enterocoele 70.92
Add subterm with graft or prosthesis 70.93
posterior 70.52
with anterior repair 70.50
Add subterm with graft or prosthesis 70.53
rectocele 70.52
Add subterm with graft or prosthesis 70.55
Add subterm and cystocele 70.50
Add subterm with graft or prosthesis 70.53
urethrocele 70.51
Add subterm with graft or prosthesis 70.54
and rectocele 70.50
Add subterm with graft or prosthesis 70.53

Replacement
electrode(s) - see Implant, electrode or lead by site or name of device
Add subterm carotid sinus 04.92
Add subterm Rheos™ carotid sinus baroreflex activation device 39.8
Add subterm spinal motion preservation device
Add subterm facet replacement device(s) 84.84
Add subterm interspinous process device(s) 84.80
Add subterm pedicle-based dynamic stabilization device(s) 84.82
Add subterm stimulator
Add subterm carotid sinus 39.8

Resection - see also Excision, by site
lung (wedge) NEC 32.29
Revise code segmental (any part) 32.3 32.39
Add subterm thoracoscopic 32.30
Add subterm thoracoscopic 32.20
rectum (partial) NEC 48.69
Add subterm STARR procedure 48.74

Revision
bypass graft (vascular) 39.49
intercostal catheter (with lysis of adhesions) 34.04
Add subterm thoracoscopic 34.06
prosthesis
Add subterm spine
Add subterm facet replacement device(s) 84.85
Add subterm interspinous process device(s) 84.81
Add subterm pedicle-based dynamic stabilization device(s) 84.83

Add term Robotic assisted surgery – see specific Procedure (surgery), by site

Revise code STARR (stapled transanal rectal resection) 70.52 48.74
Suspension  
vagina 70.77  
Add subterm  
with graft or prosthesis 70.78  

Suture (laceration)  
enterocele 70.92  
Add subterm  
with graft or prosthesis 70.93  

Teleradiotherapy  
beta particles 92.25  
Add subterm  
intra-operative 92.41  
electrons 92.25  
Add subterm  
intra-operative 92.41  

Test, testing (for)  
Add subterm  
neurophysiologic monitoring  
Add subterm  
intra-operative 00.94  

Therapy  
radiation 92.29  
Add subterm  
electron, intra-operative 92.41  
respiratory NEC 93.99  
Revise subterm  
bi-level positive airway pressure [BiPAP] 93.90  

Thymectomy 07.80  
Revise subterm  
partial (open) (other) 07.81  
Add subterm  
thoracoscopic 07.83  
Revise subterm  
total (open) (other) 07.82  
Add subterm  
thoracoscopic 07.84  
Add subterm  
transcervical 07.99  

Delete subterm  
Thymopexy 07.99  

Vaginofixation 70.77  
Add subterm  
with graft or prosthesis 70.78
Ventilation
Revise subterm  bi-level positive airway pressure [BiPAP] 93.90
Add subterm  Williams-Richardson operation (vaginal construction) 70.61
  with graft or prosthesis 70.63