

**ICD-9-CM PROCEDURES**  
International Statistical Classification of  
Diseases and Related Health Problems  
  
For Orthopaedic and Traumatology



Perhimpunan Dokter Spesialis Orthopaedi dan  
Traumatologi Indonesia (PABOI)  
2012

## Table of Contents

<b>Table of Contents .....</b>	<b>i-vi</b>
--------------------------------	-------------

### CHAPTER I

<b>Procedures and Interventions, Not Elsewhere Classified (00).....</b>	<b>1</b>
00 Procedures and interventions, Not Elsewhere Classified.....	1
00.3 Computer assisted surgery [CAS].....	1
00.7 Other hip procedures .....	1
00.8 Other knee and hip procedures .....	2
00.9 Other procedures and interventions .....	3

### CHAPTER II

<b>Operations on The Nervous System (01-05).....</b>	<b>5</b>
03 Operations on spinal cord and spinal canal structures.....	5
03.0 Exploration and decompression of spinal canal structures.....	5
03.1 Division of intraspinal nerve root .....	5
03.3 Diagnostic procedures on spinal cord and spinal canal structures.....	5
03.4 Excision or destruction of lesion of spinal cord or spinal meninges .....	5
03.5 Plastic operations on spinal cord structures.....	6
03.6 Lysis of adhesions of spinal cord and nerve roots .....	6
03.8 Injection of destructive agent into spinal canal .....	6
03.9 Other operations on spinal cord and spinal canal structures .....	6
04 Operations on cranial and peripheral nerves.....	7
04.0 Incision, division, and excision of cranial and peripheral nerves .....	7
04.1 Diagnostic procedures on peripheral nervous system.....	7
04.2 Destruction of cranial and peripheral nerves.....	7
04.3 Suture of cranial and peripheral nerves .....	8
04.4 Lysis of adhesions and decompression of cranial and peripheral nerves.....	8
04.5 Cranial or peripheral nerve graft.....	8
04.6 Transposition of cranial and peripheral nerves.....	8
04.7 Other cranial or peripheral neuroplasty.....	8
04.8 Injection into peripheral nerve.....	8
04.9 Other operations on cranial and peripheral nerves.....	8

### CHAPTER III

<b>Operations on The Cardiovascular System (35-59)</b> .....	<b>10</b>
38 Incision, excision, and occlusion of vessels .....	10
38.0 Incision of vessel .....	11
38.1 Endarterectomy .....	12
38.3 Resection of vessel with anastomosis .....	12
38.5 Ligation and stripping of varicose veins .....	12
38.6 Other excision of vessel .....	12
38.8 Other surgical occlusion of vessels .....	13
39 Other operations on vessels .....	14
39.2 Other shunt or vascular bypass .....	14
39.3 Suture of vessel .....	14

### CHAPTER IV

<b>Operations on The Hemic and Lymphatic System (40-41)</b> .....	<b>15</b>
41 Operations on bone marrow and spleen .....	15
41.0 Bone marrow or hematopoietic stem cell transplant .....	15

### CHAPTER V

<b>Operations on The Musculoskeletal System (76-84)</b> .....	<b>16</b>
77 Incision, excision, and division of other bones .....	16
77.0 Sequestrectomy .....	16
77.1 Other incision of bone without division .....	16
77.2 Wedge osteotomy .....	17
77.3 Other division of bone .....	17
77.4 Biopsy of bone .....	18
77.5 Excision and repair of bunion and other toe deformities .....	18
77.6 Local excision of lesion or tissue of bone .....	19
77.7 Excision of bone for graft .....	19
77.8 Other partial ostectomy .....	19
77.9 Total ostectomy .....	20
78 Other operations on bones, except facial bones .....	21
78.0 Bone graft .....	21
78.1 Application of external fixator device .....	22

78.2	Limb shortening procedures .....	22
78.3	Limb lengthening procedures .....	23
78.4	Other repair or plastic operations on bone.....	23
78.5	Internal fixation of bone without fracture reduction .....	24
78.6	Removal of implanted devices from bone.....	24
78.7	Osteoclasis .....	25
78.8	Diagnostic procedures on bone, not elsewhere classified .....	26
78.9	Insertion of bone growth stimulator.....	26
79	Reduction of fracture and dislocation .....	27
79.0	Closed reduction of fracture without internal fixation .....	27
79.1	Closed reduction of fracture with internal fixation .....	28
79.2	Open reduction of fracture without internal fixation .....	28
79.3	Open reduction of fracture with internal fixation .....	29
79.4	Closed reduction of separated epiphysis .....	29
79.5	Open reduction of separated epiphysis.....	29
79.6	Debridement of open fracture site.....	30
79.7	Closed reduction of dislocation .....	30
79.8	Open reduction of dislocation.....	30
79.9	Unspecified operation on bone injury .....	31
80	Incision and excision of joint structures .....	31
80.0	Arthrotomy for removal of prosthesis.....	32
80.1	Other arthrotomy.....	32
80.2	Arthroscopy .....	33
80.3	Biopsy of joint structure .....	33
80.4	Division of joint capsule, ligament, or cartilage .....	34
80.5	Excision, destruction and other repair of intervertebral disc.....	34
80.6	Excision of semilunar cartilage of knee .....	36
80.7	Synovectomy .....	36
80.8	Other local excision or destruction of lesion of joint.....	36
80.9	Other excision of joint.....	37
81	Repair and plastic operations on joint structures.....	37
81.0	Spinal fusion .....	37
81.1	Arthrodesis and arthroereisis of foot and ankle.....	39
81.2	Arthrodesis of other joint.....	39

81.3 Refusion of spine .....	39
81.4 Other repair of joint of lower extremity .....	41
81.5 Joint replacement of lower extremity .....	41
81.6 Other procedures on spine .....	42
81.7 Arthroplasty and repair of hand, fingers and wrist .....	43
81.8 Arthroplasty and repair of shoulder and elbow .....	44
81.9 Other operations on joint structures .....	44
82 Operations on muscle, tendon, and fascia of hand .....	45
82.0 Incision of muscle, tendon, fascia, and bursa of hand .....	45
82.1 Division of muscle, tendon, and fascia of hand .....	46
82.2 Excision of lesion of muscle, tendon, and fascia of hand .....	46
82.3 Other excision of soft tissue of hand .....	46
82.4 Suture of muscle, tendon, and fascia of hand .....	47
82.5 Transplantation of muscle and tendon of hand .....	47
82.6 Reconstruction of thumb .....	48
82.7 Plastic operation on hand with graft or implant .....	48
82.8 Other plastic operations on hand .....	48
82.9 Other operations on muscle, tendon, and fascia of hand .....	48
83 Operations on muscle, tendon, fascia, and bursa, except hand .....	49
83.0 Incision of muscle, tendon, fascia, and bursa .....	49
83.1 Division of muscle, tendon, and fascia .....	50
83.2 Diagnostic procedures on muscle, tendon, fascia, and bursa, including that of hand .....	50
83.3 Excision of lesion of muscle, tendon, fascia, and bursa .....	51
83.4 Other excision of muscle, tendon, and fascia .....	51
83.5 Bursectomy .....	52
83.6 Suture of muscle, tendon, and fascia .....	52
83.7 Reconstruction of muscle and tendon .....	52
83.8 Other plastic operations on muscle, tendon, and fascia .....	52
83.9 Other operations on muscle, tendon, fascia, and bursa .....	53
84 Other procedures on musculoskeletal system .....	54
84.0 Amputation of upper limb .....	54
84.1 Amputation of lower limb .....	54
84.2 Reattachment of extremity .....	55

84.3 Revision of amputation stump .....	56
84.4 Implantation or fitting of prosthetic limb device .....	56
84.5 Implantation of other musculoskeletal devices and substances.....	56
84.6 Replacement of spinal disc .....	58
84.7 Adjunct codes for external fixator devices.....	59
84.8 Insertion, replacement and revision of posterior spinal motion preservation device(s) .....	60
84.9 Other operations on musculoskeletal system.....	61

## CHAPTER VI

<b>Operations on The Integumentary System (85-86).....</b>	<b>62</b>
86 Operations on skin and subcutaneous tissue .....	62
86.0 Incision of skin and subcutaneous tissue.....	62
86.1 Diagnostic procedures on skin and subcutaneous tissue .....	64
86.2 Excision or destruction of lesion or tissue of skin and subcutaneous tissue .....	64
86.3 Other local excision or destruction of lesion or tissue of skin and subcutaneous tissue.....	65
86.4 Radical excision of skin lesion .....	66
86.5 Suture or other closure of skin and subcutaneous tissue .....	66
86.6 Free skin graft .....	66
86.7 Pedicle grafts or flaps .....	67
86.8 Other repair and reconstruction of skin and subcutaneous tissue .....	68
86.9 Other operations on skin and subcutaneous tissue.....	68

## CHAPTER VII

<b>Miscellaneous Diagnostic and Therapeutic Procedures (87-99).....</b>	<b>71</b>
93 Physical therapy, respiratory therapy, rehabilitation, and related procedures .....	71
93.0 Diagnostic physical therapy.....	71
93.1 Physical therapy exercises .....	71
93.2 Other physical therapy musculoskeletal manipulation.....	72
93.3 Other physical therapy therapeutic procedures.....	72
93.4 Skeletal traction and other traction .....	72
93.5 Other immobilization, pressure, and attention to wound .....	73
93.6 Osteopathic manipulative treatment.....	74

97 Replacement and removal of therapeutic appliances.....	75
97.8 Other nonoperative removal of therapeutic device .....	75
98 Nonoperative removal of foreign body or calculus .....	75
98.2 Removal of other foreign body without incision .....	75

## CHAPTER I

### Procedures and Interventions, Not Elsewhere Classified (00)

#### 00 Procedures and interventions, Not Elsewhere Classified

- 00.3 Computer assisted surgery [CAS]  
CT-free navigation, Image guided navigation (IGN), Image guided surgery (IGS), Imageless navigation, That without the use of robotic(s) technology,  
Code also diagnostic or therapeutic procedure  
**Excludes :** robotic assisted procedures (17.41-17.49), stereotactic frame application only (93.59)
- 00.31 Computer assisted surgery with CT/CTA
- 00.32 Computer assisted surgery with MR/MRA
- 00.33 Computer assisted surgery with fluoroscopy
- 00.34 Imageless computer assisted surgery
- 00.35 Computer assisted surgery with multiple datasets
- 00.39 Other computer assisted surgery  
Computer assisted surgery NOS
- 00.7 Other hip procedures
- 00.70 Revision of hip replacement, both acetabular and femoral components  
Total hip revision  
Code also any :
- removal of (cement) (joint) spacer (84.57)
  - type of bearing surface, if known (00.74-00.77)
- Excludes :**
- revision of hip replacement, acetabular component only (00.71)
  - revision of hip replacement, femoral component only (00.72)
  - revision of hip replacement, Not Otherwise Specified (81.53)
  - revision with replacement of acetabular liner and/or femoral head only (00.73)
- 00.71 Revision of hip replacement, acetabular component  
Partial, acetabular component only



That with :

- exchange of acetabular cup and liner
- exchange of femoral head

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

**Excludes :**

- revision of hip replacement, both acetabular and femoral components (00.70)
- revision of hip replacement, femoral component (00.72)
- revision of hip replacement, Not Otherwise Specified (81.53)
- revision with replacement of acetabular liner and/or femoral head only (00.73)

00.72 Revision of hip replacement, femoral component

Partial, femoral component only

That with :

- exchange of acetabular liner
- exchange of femoral stem and head

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

**Excludes :**

- revision of hip replacement, acetabular component (00.71)
- revision of hip replacement, both acetabular and femoral components (00.70)
- revision of hip replacement, not otherwise specified (81.53)
- revision with replacement of acetabular liner and/or femoral head only (00.73)

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

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

00.74 Hip bearing surface, metal-on-polyethylene

00.75 Hip bearing surface, metal-on-metal

00.76 Hip bearing surface, ceramic-on-ceramic

00.77 Hip bearing surface, ceramic-on-polyethylene

00.8 Other knee and hip procedures

Note : Report up to two components using 00.81 - 00.83 to describe revision of knee replacements. If all three components are revised, report 00.80

- 00.80 Revision of knee replacement, total (all components)  
Replacement of femoral, tibial, and patellar components (all components)  
Code also any removal of (cement) (joint) spacer (84.57)  
**Excludes** : revision of only one or two components (tibial, femoral or patellar component) (00.81-00.84)
- 00.81 Revision of knee replacement, tibial component  
Replacement of tibial baseplate and tibial insert (liner)  
**Excludes** : revision of knee replacement, total (all components) (00.80)
- 00.82 Revision of knee replacement, femoral component  
That with replacement of tibial insert (liner)  
**Excludes** : revision of knee replacement, total (all components) (00.80)
- 00.83 Revision of knee replacement, patellar component  
**Excludes** : revision of knee replacement, total (all components) (00.80)
- 00.84 Revision of total knee replacement, tibial insert (liner)  
Replacement of tibial insert (liner)  
**Excludes** : that with replacement of tibial component (tibial baseplate and liner) (00.81)
- 00.85 Resurfacing hip, total, acetabulum and femoral head  
Hip resurfacing arthroplasty, total
- 00.86 Resurfacing hip, partial, femoral head  
Hip resurfacing arthroplasty, NOS  
Hip resurfacing arthroplasty, partial, femoral head  
**Excludes** : that with resurfacing of acetabulum (00.85)
- 00.87 Resurfacing hip, partial, acetabulum  
Hip resurfacing arthroplasty, partial, acetabulum  
**Excludes** : that with resurfacing of femoral head (00.85)
- 00.9 Other procedures and interventions
- 00.93 Transplant from cadaver  
Code also organ transplant procedure (Massive Tissue Allograft) (Kh)
- 00.94 Intra-operative neurophysiologic monitoring  
Includes : Cranial nerve, peripheral nerve and spinal cord

Testing performed intra-operatively  
Intra-operative neurophysiologic testing

IOM

Nerve monitoring

Neuromonitoring (Sd)

That by :

Brainstem auditory evoked potentials [BAEP]

Electroencephalogram [EEG]

Electromyogram [EMG]

Motor evoked potentials [MEP]

Nerve conduction study

Somatosensory evoked potentials [SSEP]

Transcranial Doppler

**Excludes :**

- brain temperature monitoring (01.17)
- intracranial oxygen monitoring (01.16)
- intracranial pressure monitoring (01.10)\
- plethysmogram (89.58)

**CHAPTER II**  
**Operations on The Nervous System (01-05)**

**03 Operations on spinal cord and spinal canal structures**

- 03.0 Exploration and decompression of spinal canal structures
- 03.01 Removal of foreign body from spinal canal (Cg)
- 03.02 Reopening of laminectomy site (Cg)
- 03.09 Other exploration and decompression of spinal canal  
Decompression : laminectomy, laminotomy  
Expansile laminoplasty  
Exploration of spinal nerve root  
Foraminotomy  
Code also any synchronous insertion, replacement and revision of posterior spinal motion preservation device(s), if performed (84.80-84.85)
- Excludes :**
- drainage of spinal fluid by anastomosis (03.71-03.79)
  - laminectomy with excision of intervertebral disc (80.51)
  - spinal tap (03.31)
  - that as operative approach -- omit code
- 03.1 Division of intraspinal nerve root  
Rhizotomy
- 03.3 Diagnostic procedures on spinal cord and spinal canal structures
- 03.32 Biopsy of spinal cord or spinal meninges (Cg)
- 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 (Cg)
- Excludes :**
- percutaneous vertebral augmentation (81.66)
  - percutaneous vertebroplasty (81.65)
- 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
- 03.8 Injection of destructive agent into spinal canal
- 03.9 Other operations on spinal cord and spinal canal structures
- 03.90 Insertion of catheter into spinal canal for infusion of therapeutic or palliative substances  
Insertion of catheter into epidural, subarachnoid, or subdural space of spine with intermittent or continuous infusion of drug (with creation of any reservoir)  
Code also any implantation of infusion pump (86.06)
- 03.91 Injection of anesthetic into spinal canal for analgesia (Sd)  
**Excludes :** that for operative anesthesia -- omit code
- 03.92 Injection of other agent into spinal canal

Intrathecal injection of steroid  
Subarachnoid perfusion of refrigerated saline

**Excludes :**

injection of :

- contrast material for myelogram (87.21)
- destructive agent into spinal canal (03.8)

- 03.93 Implantation or replacement of spinal neurostimulator lead(s)  
Code also any insertion of neurostimulator pulse generator (86.94-86.98)
- 03.94 Removal of spinal neurostimulator lead(s)  
Code also any removal of neurostimulator pulse generator (86.05)
- 03.96 Percutaneous denervation of facet
- 03.99 Other

**04 Operations on cranial and peripheral nerves**

- 04.0 Incision, division, and excision of cranial and peripheral nerves

**Excludes :**

- opticociliary neurectomy (12.79)
- sympathetic ganglionectomy (05.21-05.29)

- 04.07 Other excision or avulsion of cranial and peripheral nerves (Bs)  
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

- 04.12 Open biopsy of cranial or peripheral nerve or ganglion

- 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
- 04.43 Release of carpal tunnel
- 04.44 Release of tarsal tunnel
- 04.49 Other peripheral nerve or ganglion decompression or lysis of adhesions  
Peripheral nerve neurolysis NOS
- 04.5 Cranial or peripheral nerve graft
- 04.6 Transposition of cranial and peripheral nerves  
Nerve transplantation
- 04.7 Other cranial or peripheral neuroplasty
- 04.71 Hypoglossal-facial anastomosis
- 04.72 Accessory-facial anastomosis
- 04.73 Accessory-hypoglossal anastomosis
- 04.74 Other anastomosis of cranial or peripheral nerve
- 04.75 Revision of previous repair of cranial and peripheral nerves
- 04.76 Repair of old traumatic injury of cranial and peripheral nerves
- 04.79 Other neuroplasty
- 04.8 Injection into peripheral nerve  
**Excludes** :destruction of nerve (by injection of neurolytic agent) (04.2)
- 04.80 Peripheral nerve injection, not otherwise specified
- 04.81 Injection of anesthetic into peripheral nerve for analgesia  
**Excludes** :that for operative anesthesia -- omit code
- 04.89 Injection of other agent, except neurolytic  
**Excludes** :injection of neurolytic agent (04.2)
- 04.9 Other operations on cranial and peripheral nerves

04.91 Neurectasis

04.92 Implantation or replacement of peripheral neurostimulator lead(s)  
Code also any insertion of neurostimulator pulse generator (86.94-86.98)

**Excludes :**

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

04.93 Removal of peripheral neurostimulator lead(s) (Sd)

Code also any removal of neurostimulator pulse generator (86.05)



**CHAPTER III**  
**Operations on The Cardiovascular System (35-59)**

**38 Incision, excision, and occlusion of vessels**

Code also :

- any application or administration of an adhesion barrier substance (99.77)
- cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

**Excludes :** that of coronary vessels (00.66, 36.03, 36.04, 36.09, 36.10-36.99)

The following fourth-digit subclassification is for use with appropriate categories in section 38.0, 38.1, 38.3, 38.5, 38.6, 38.8, and 38.9 according to site. Valid fourth-digits are in [brackets] at the end of each code/description.

0 unspecified site

1 intracranial vessels

    Cerebral (anterior) (middle)

    Circle of Willis

    Posterior communicating artery

2 other vessels of head and neck

    Carotid artery (common) (external) (internal)

    Jugular vein (external) (internal)

3 upper limb vessels

    Axillary

    Brachial

    Radial

    Ulnar

4 aorta

5 other thoracic vessels

    Innominate

    Pulmonary (artery) (vein)

    Subclavian

    Vena cava, superior

6 abdominal arteries

    Celiac

    Gastric

Hepatic  
Iliac  
Mesenteric  
Renal  
Splenic  
Umbilical

**Excludes:** abdominal aorta (4)

7 abdominal veins

Iliac  
Portal  
Renal  
Splenic  
Vena cava (inferior)

8 lower limb arteries

Femoral (common) (superficial)  
Popliteal  
Tibial

9 lower limb veins

Femoral  
Popliteal  
Saphenous  
Tibial

38.0

Incision of vessel

[0-9]

Embolectomy, Thrombectomy

**Excludes :**

- endovascular removal of obstruction from head and neck vessel(s)  
(39.74)
- puncture or catheterization of any :
  - artery (38.91, 38.98)
  - vein (38.92-38.95, 38.99)

- 38.1           Endarterectomy  
[0-6,8]  
Endarterectomy with :
- embolectomy
  - patch graft
  - temporary bypass during procedure
  - thrombectomy
- Code also any :
- number of vascular stents inserted (00.45-00.48)
  - number of vessels treated (00.40-00.43)
  - procedure on vessel bifurcation (00.44)
- 
- 38.3           Resection of vessel with anastomosis  
[0-9]  
Angiectomy  
Excision of :
- aneurysm (arteriovenous) with anastomosis
  - blood vessel (lesion) with anastomosis
- 
- 38.5           Ligation and stripping of varicose veins  
[0-3,5,7,9]  
**Excludes :**
- ligation of varices:
  - esophageal (42.91)
  - gastric (44.91)
- 
- 38.6           Other excision of vessel  
[0-9]  
Excision of blood vessel (lesion) NOS  
**Excludes :**
- excision of vessel for aortocoronary bypass (36.10-36.14)
  - excision with:
  - anastomosis (38.30-38.39)

- graft replacement (38.40-38.49)
- implant (38.40-38.49)

38.8 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

### **39 Other operations on vessels**

39.2 Other shunt or vascular bypass

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

39.29 Other (peripheral) vascular shunt or bypass

Bypass (graft):

- axillary-brachial
- axillary-femoral [axillofemoral] (superficial)
- brachial
- femoral-femoral
- femoroperoneal
- femoropopliteal (arteries)
- femorotibial (anterior) (posterior)
- popliteal
- vascular NOS

**Excludes : peritoneovenous shunt (54.94)**

39.3 Suture of vessel

Repair of laceration of blood vessel

**Excludes :**

- any other vascular puncture closure device - omit code
- suture of aneurysm (39.52)
- that for control of hemorrhage (postoperative) :
  - anus (49.95)
  - bladder (57.93)
  - following vascular procedure (39.41)
  - nose (21.00-21.09)
  - prostate (60.94)
  - tonsil (28.7)

39.30 Suture of unspecified blood vessel

39.31 Suture of artery (Bs)

39.32 Suture of vein (Bs)

**CHAPTER IV**  
**Operations on The Hemic and Lymphatic System (40-41)**

**41 Operations on bone marrow and spleen**

- 41.0            Bone marrow or hematopoietic stem cell transplant  
                 Note : To report donor source - *see* codes 00.91-00.93  
                 **Excludes** : aspiration of bone marrow from donor (41.91)
- 41.00           Bone marrow transplant, not otherwise specified
- 41.01           Autologous bone marrow transplant without purging  
                 **Excludes** : that with purging (41.09)
- 41.02           Allogeneic bone marrow transplant with purging  
                 Allograft of bone marrow with in vitro removal (purging) of T-cells
- 41.03           Allogeneic bone marrow transplant without purging  
                 Allograft of bone marrow NOS
- 41.04           Autologous hematopoietic stem cell transplant without purging  
                 **Excludes** : that with purging (41.07)
- 41.05           Allogeneic hematopoietic stem cell transplant without purging  
                 **Excludes** : that with purging (41.08)
- 41.06           Cord blood stem cell transplant
- 41.07           Autologous hematopoietic stem cell transplant with purging  
                 Cell depletion
- 41.08           Allogeneic hematopoietic stem cell transplant  
                 Cell depletion
- 41.09           Autologous bone marrow transplant with purging  
                 With extracorporeal purging of malignant cells from marrow  
                 Cell depletion

**CHAPTER V**  
**Operations on The Musculoskeletal System (76-84)**

**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)

77.0	Sequestrectomy
77.00	Sequestrectomy, unspecified site
77.01	Sequestrectomy, scapula, clavicle, and thorax (ribs and sternum)
77.02	Sequestrectomy, humerus
77.03	Sequestrectomy, radius and ulna
77.04	Sequestrectomy, carpals and metacarpals
77.05	Sequestrectomy, femur
77.06	Sequestrectomy, patella
77.07	Sequestrectomy, tibia and fibula
77.08	Sequestrectomy, tarsals and metatarsals
77.09	Sequestrectomy, other pelvic bones phalanges (foot/hand) vertebrae

77.1 Other incision of bone without division

Reopening of osteotomy site

**Excludes :**

- aspiration of bone marrow (41.31, 41.91)
- removal of internal fixation device (78.60-78.69)

77.11 Other incision of bone without division, scapula, clavicle, and thorax (ribs and

- sternum)
- 77.12 Other incision of bone without division, humerus
- 77.13 Other incision of bone without division, radius and ulna
- 77.14 Other incision of bone without division, carpals and metacarpals
- 77.15 Other incision of bone without division, femur
- 77.16 Other incision of bone without division, patella
- 77.17 Other incision of bone without division, tibia and fibula
- 77.18 Other incision of bone without division, tarsals and metatarsals
- 77.19 Other incision of bone without division, other pelvic bones phalanges  
(foot/hand) vertebrae
- 77.2 Wedge osteotomy  
**Excludes :** that for hallux valgus (77.51)
- 77.21 Wedge osteotomy, scapula, clavicle, and thorax (ribs and sternum)
- 77.22 Wedge osteotomy, humerus
- 77.23 Wedge osteotomy, radius and ulna
- 77.24 Wedge osteotomy, carpals and metacarpals
- 77.25 Wedge osteotomy, femur
- 77.26 Wedge osteotomy, patella
- 77.27 Wedge osteotomy, tibia and fibula
- 77.28 Wedge osteotomy, tarsals and metatarsals
- 77.29 Wedge osteotomy, other pelvic bones phalanges (foot/hand) vertebrae
- 77.3 Other division of bone  
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
- 77.31 Other division of bone, scapula, clavicle, and thorax (ribs and sternum)
- 77.32 Other division of bone, humerus
- 77.33 Other division of bone, radius and ulna



- 77.34 Other division of bone, carpals and metacarpals
- 77.35 Other division of bone, femur
- 77.36 Other division of bone, patella
- 77.37 Other division of bone, tibia and fibula
- 77.38 Other division of bone, tarsals and metatarsals
- 77.39 Other division of bone, other pelvic bones phalanges (foot/hand) vertebrae
  
- 77.4 Biopsy of bone
- 77.41 Biopsy of bone, scapula, clavicle, and thorax (ribs and sternum)
- 77.42 Biopsy of bone, humerus
- 77.43 Biopsy of bone, radius and ulna
- 77.44 Biopsy of bone, carpals and metacarpals
- 77.45 Biopsy of bone, femur
- 77.46 Biopsy of bone, patella
- 77.47 Biopsy of bone, tibia and fibula
- 77.48 Biopsy of bone, tarsals and metatarsals
- 77.49 Biopsy of bone, other pelvic bones phalanges (foot/hand) vertebrae
  
- 77.5 Excision and repair of bunion and other toe deformities
- 77.51 Bunionectomy with soft tissue correction and osteotomy of the first metatarsal
- 77.52 Bunionectomy with soft tissue correction and arthrodesis
- 77.53 Other bunionectomy with soft tissue correction
- 77.54 Excision or correction of bunionette  
That with osteotomy
- 77.56 Repair of hammer toe  
Fusion of hammer toe, Phalangectomy (partial) of hammer toe, Filleting of hammer toe
- 77.57 Repair of claw toe  
Fusion of claw toe, Phalangectomy (partial) of claw toe, Capsulotomy of claw toe, Tendon lengthening of claw toe
- 77.58 Other excision, fusion and repair of toes  
Cockup toe repair, Overlapping toe repair  
That with use of prosthetic materials
- 77.59 Other bunionectomy

Resection of hallux valgus joint with insertion of prosthesis

- 77.6 Local excision of lesion or tissue of bone  
**Excludes :** biopsy of bone (77.40-77.49), debridement of compound fracture (79.60-79.69)
- 77.61 Local excision of lesion or tissue of bone scapula, clavicle, and thorax (ribs and sternum)
- 77.62 Local excision of lesion or tissue of bone, humerus
- 77.63 Local excision of lesion or tissue of bone, radius and ulna
- 77.64 Local excision of lesion or tissue of bone, carpals and metacarpals
- 77.65 Local excision of lesion or tissue of bone, femur
- 77.66 Local excision of lesion or tissue of bone, patella
- 77.67 Local excision of lesion or tissue of bone, tibia and fibula
- 77.68 Local excision of lesion or tissue of bone, tarsals and metatarsals
- 77.69 Local excision of lesion or tissue of bone, other pelvic bones phalanges (foot/hand) vertebrae
- 77.7 Excision of bone for graft
- 77.70 Excision of bone for graft, unspecified site
- 77.71 Excision of bone for graft, scapula, clavicle, and thorax (ribs and sternum)
- 77.72 Excision of bone for graft, humerus
- 77.73 Excision of bone for graft, radius and ulna
- 77.74 Excision of bone for graft, carpals and metacarpals
- 77.75 Excision of bone for graft, femur
- 77.76 Excision of bone for graft, patella
- 77.77 Excision of bone for graft, tibia and fibula
- 77.78 Excision of bone for graft, tarsals and metatarsals
- 77.79 Excision of bone for graft, other pelvic bones phalanges (foot/hand) vertebrae
- 77.8 Other partial ostectomy  
Condylectomy  
**Excludes :**
- amputation (84.00-84.19, 84.91)

- arthrorectomy (80.90-80.99)
- excision of bone ends associated with :
  - arthrodesis (81.00-81.39, 81.62-81.66)
  - arthroplasty (81.40-81.59, 81.71-81.85)
- excision of cartilage (80.5-80.6, 80.80-80.99)
- excision of head of femur with synchronous replacement (00.70-00.73, 81.51-81.53)
- hemilaminectomy (03.01-03.09)
- laminectomy (03.01-03.09)
- ostectomy for hallux valgus (77.51-77.59)
- partial amputation :
  - finger (84.01)
  - thumb (84.02)
  - toe (84.11)
- resection of ribs incidental to thoracic operation -- omit code
- that incidental to other operation -- omit code

- 77.80 Other partial ostectomy, unspecified site
- 77.81 Other partial ostectomy, scapula, clavicle, and thorax (ribs and sternum)
- 77.82 Other partial ostectomy, humerus
- 77.83 Other partial ostectomy, radius and ulna
- 77.84 Other partial ostectomy, carpals and metacarpals
- 77.85 Other partial ostectomy, femur
- 77.86 Other partial ostectomy, patella
- 77.87 Other partial ostectomy, tibia and fibula
- 77.88 Other partial ostectomy, tarsals and metatarsals
- 77.89 Other partial ostectomy, other pelvic bones phalanges (foot/hand) vertebrae

77.9 Total ostectomy  
**Excludes :** amputation of limb (84.00-84.19, 84.91), that incidental to other operation -- omit code

- 77.90 Total ostectomy, unspecified site
- 77.91 Total ostectomy, scapula, clavicle, and thorax (ribs and sternum)
- 77.92 Total ostectomy, humerus

77.93	Total ostectomy, radius and ulna
77.94	Total ostectomy, carpals and metacarpals
77.95	Total ostectomy, femur
77.96	Total ostectomy, patella
77.97	Total ostectomy, tibia and fibula
77.98	Total ostectomy, tarsals and metatarsals
77.99	Total ostectomy, other pelvic bones phalanges (foot/hand) vertebrae

## **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)

78.0	Bone graft Bone : bank graft, graft (autogenous) (heterogenous) That with debridement of bone graft site (removal of sclerosed, fibrous or necrotic bone or tissue), Transplantation of bone Code also any excision of bone for graft (77.70-77.79) <b>Excludes :</b> that for bone lengthening (78.30-78.39)
78.00	Bone graft, unspecified site
78.01	Bone graft, scapula, clavicle, and thorax (ribs and sternum)
78.02	Bone graft, humerus
78.03	Bone graft, radius and ulna
78.04	Bone graft, carpals and metacarpals
78.05	Bone graft, femur
78.06	Bone graft, patella
78.07	Bone graft, tibia and fibula
78.08	Bone graft, tarsals and metatarsals
78.09	Bone graft, other pelvic bones phalanges (foot/hand) vertebrae

- 78.1 Application of external fixator device  
 Fixator with insertion of pins/wires/screws into bone  
 Code also any type of fixator device, if known (84.71-84.73)  
**Excludes** : other immobilization, pressure, and attention to wound (93.51-93.59)
- 78.10 Application of external fixation device, unspecified site
- 78.11 Application of external fixation device, scapula, clavicle, and thorax (ribs and sternum)
- 78.12 Application of external fixation device, humerus
- 78.13 Application of external fixation device, radius and ulna
- 78.14 Application of external fixation device, carpals and metacarpals
- 78.15 Application of external fixation device, femur
- 78.16 Application of external fixation device, patella
- 78.17 Application of external fixation device, tibia and fibula
- 78.18 Application of external fixation device, tarsals and metatarsals
- 78.19 Application of external fixation device, other pelvic bones phalanges (foot/hand) vertebrae
- 78.2 Limb shortening procedures  
 Epiphyseal stapling  
 Open epiphysiodesis  
 Percutaneous epiphysiodesis  
 Resection/osteotomy
- 78.20 Limb shortening procedures, unspecified site
- 78.22 Limb shortening procedures, humerus
- 78.23 Limb shortening procedures, radius and ulna
- 78.24 Limb shortening procedures, carpals and metacarpals
- 78.25 Limb shortening procedures, femur
- 78.27 Limb shortening procedures, tibia and fibula
- 78.28 Limb shortening procedures, tarsals and metatarsals
- 78.29 Limb shortening procedures, other pelvic bones phalanges (foot/hand) vertebrae

- 78.3 Limb lengthening procedures  
 Bone graft with or without internal fixation devices or osteotomy  
 Distraction technique with or without corticotomy/osteotomy  
 Code also any application of an external fixation device (78.10-78.19)
- 78.30 Limb lighthening procedures, unspecified site
- 78.32 Limb lighthening procedures, humerus
- 78.33 Limb lighthening procedures, radius and ulna
- 78.34 Limb lighthening procedures, carpals and metacarpals
- 78.35 Limb lighthening procedures, femur
- 78.37 Limb lighthening procedures, tibia and fibula
- 78.38 Limb lighthening procedures, tarsals and metatarsals
- 78.39 Limb lighthening procedures, other pelvic bones phalanges (foot/hand)  
 vertebrae
- 78.4 Other repair or plastic operations on bone  
 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)
- 78.40 Other repair or plastic operations of bone, unspecified site
- 78.41 Other repair or plastic operations of bone, scapula, clavicle, and thorax (ribs  
 and sternum)
- 78.42 Other repair or plastic operations of bone, humerus
- 78.43 Other repair or plastic operations of bone, radius and ulna
- 78.44 Other repair or plastic operations of bone, carpals and metacarpals
- 78.45 Other repair or plastic operations of bone, femur
- 78.46 Other repair or plastic operations of bone, patella

- 78.47 Other repair or plastic operations of bone, tibia and fibula
- 78.48 Other repair or plastic operations of bone, tarsals and metatarsals
- 78.49 Other repair or plastic operations of bone, other pelvic bones phalanges  
(foot/hand) vertebrae
- 78.5 Internal fixation of bone without fracture reduction  
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)
- 78.50 internal fixation of bone without fracture reduction, unspecified site
- 78.51 internal fixation of bone without fracture reduction, scapula, clavicle, and  
thorax (ribs and sternum)
- 78.52 internal fixation of bone without fracture reduction, humerus
- 78.53 internal fixation of bone without fracture reduction, radius and ulna
- 78.54 internal fixation of bone without fracture reduction, carpals and metacarpals
- 78.55 internal fixation of bone without fracture reduction, femur
- 78.56 internal fixation of bone without fracture reduction, patella
- 78.57 internal fixation of bone without fracture reduction, tibia and fibula
- 78.58 internal fixation of bone without fracture reduction, tarsal and meta tarsal
- 78.59 internal fixation of bone without fracture reduction, other pelvic bones  
phalanges (foot/hand) vertebrae
- 78.6 Removal of implanted devices from bone  
External fixator device (invasive)  
Internal fixation device  
Removal of bone growth stimulator (invasive)  
Removal of internal limb lengthening device  
Removal of pedicle screw(s) used in spinal fusion

**Excludes :**

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

78.60	Removal of implanted devices from bone, unspecified site
78.61	Removal of implanted devices from bone, scapula, clavicle, and thorax (ribs and sternum)
78.62	Removal of implanted devices from bone, humerus
78.63	Removal of implanted devices from bone, radius and ulna
78.64	Removal of implanted devices from bone, carpals and metacarpals
78.65	Removal of implanted devices from bone, femur
78.66	Removal of implanted devices from bone, patella
78.67	Removal of implanted devices from bone, tibia and fibula
78.68	Removal of implanted devices from bone, tarsal and meta tarsal
78.69	Removal of implanted devices from bone, other pelvic bones phalanges (foot/hand) vertebrae
78.7	Osteoclasia
78.70	Osteoclasia, unspecified site
78.71	Osteoclasia, scapula, clavicle, and thorax (ribs and sternum)
78.72	Osteoclasia, humerus
78.73	Osteoclasia, radius and ulna
78.74	Osteoclasia, carpals and metacarpals
78.75	Osteoclasia, femur
78.76	Osteoclasia, patella
78.77	Osteoclasia, tibia and fibula
78.78	Osteoclasia, tarsals and metatarsals
78.79	Osteoclasia, other pelvic bones phalanges (foot/hand) vertebrae



- 78.8 Diagnostic procedures on bone, not elsewhere classified
- 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)
- 78.80 Diagnosis procedures on bone, not elsewhere classified, unspecified site
- 78.81 Diagnosis procedures on bone, not elsewhere classified, scapula, clavicle, and thorax (ribs and sternum)
- 78.82 Diagnosis procedures on bone, not elsewhere classified, humerus
- 78.83 Diagnosis procedures on bone, not elsewhere classified, radius and ulna
- 78.84 Diagnosis procedures on bone, not elsewhere classified, carpals and metacarpals
- 78.85 Diagnosis procedures on bone, not elsewhere classified, femur
- 78.86 Diagnosis procedures on bone, not elsewhere classified, patella
- 78.87 Diagnosis procedures on bone, not elsewhere classified, tibia and fibula
- 78.88 Diagnosis procedures on bone, not elsewhere classified, tarsals and metatarsals
- 78.89 Diagnosis procedures on bone, not elsewhere classified, other pelvic bones phalanges (foot/hand) vertebrae
- 78.9 Insertion of bone growth stimulator
- 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)
- 78.90 Insertion of bone growth stimulator, not elsewhere classified, unspecified site
- 78.91 Insertion of bone growth stimulator, not elsewhere classified, scapula, clavicle, and thorax (ribs and sternum)
- 78.92 Insertion of bone growth stimulator, not elsewhere classified, humerus

- 78.93 Insertion of bone growth stimulator, not elsewhere classified, radius and ulna
- 78.94 Insertion of bone growth stimulator, not elsewhere classified, carpals and metacarpals
- 78.95 Insertion of bone growth stimulator, not elsewhere classified, femur
- 78.96 Insertion of bone growth stimulator, not elsewhere classified, patella
- 78.97 Insertion of bone growth stimulator, not elsewhere classified, tibia and fibula
- 78.98 Insertion of bone growth stimulator, not elsewhere classified, tarsals and metatarsals
- 78.99 Insertion of bone growth stimulator, not elsewhere classified, other pelvic bones phalanges (foot/hand) vertebrae

### **79 Reduction of fracture and dislocation**

Includes : application of cast or splint reduction with insertion of traction device (Kirschner wire) (Steinmann pin)

Code also any :

- application of external fixator device (78.10-78.19)
- type of fixator device, if known (84.71-84.73)

#### **Excludes :**

- external fixation alone for immobilization of fracture (93.51-93.56, 93.59)
- internal fixation without reduction of fracture (78.50-78.59)
- operations on:
  - facial bones (76.70-76.79)
  - nasal bones (21.71-21.72)
  - orbit (76.78-76.79)
  - skull (02.02)
  - vertebrae (03.53)
- removal of cast or splint (97.88)
- replacement of cast or splint (97.11-97.14)
- traction alone for reduction of fracture (93.41-93.46)

79.0 Closed reduction of fracture without internal fixation

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

79.00 Closed reduction of fracture without internal fixation, unspecified site

- 79.01 Closed reduction of fracture without internal fixation, humerus
- 79.02 Closed reduction of fracture without internal fixation, radius and ulna (arm)
- 79.03 Closed reduction of fracture without internal fixation, carpals metacarpals (hand)
- 79.04 Closed reduction of fracture without internal fixation, phalanges of hand
- 79.05 Closed reduction of fracture without internal fixation, femur
- 79.06 Closed reduction of fracture without internal fixation, tibia and fibula (leg)
- 79.07 Closed reduction of fracture without internal fixation, tarsals and metatarsals (foot)
- 79.08 Closed reduction of fracture without internal fixation, phalanges of foot
- 79.09 Closed reduction of fracture without internal fixation, other specified bone
- 
- 79.1 Closed reduction of fracture with internal fixation  
**Excludes :** that for separation of epiphysis (79.40-79.49)
- 79.10 Closed reduction of fracture with internal fixation, unspecified site
- 79.11 Closed reduction of fracture with internal fixation, humerus
- 79.12 Closed reduction of fracture with internal fixation, radius and ulna (arm)
- 79.13 Closed reduction of fracture with internal fixation, carpals metacarpals (hand)
- 79.14 Closed reduction of fracture with internal fixation, phalanges of hand
- 79.15 Closed reduction of fracture with internal fixation, femur
- 79.16 Closed reduction of fracture with internal fixation, tibia and fibula (leg)
- 79.17 Closed reduction of fracture with internal fixation, tarsals and metatarsals (foot)
- 79.18 Closed reduction of fracture with internal fixation, phalanges of foot
- 79.19 Closed reduction of fracture with internal fixation, other specified bone
- 
- 79.2 Open reduction of fracture without internal fixation  
**Excludes :** that for separation of epiphysis (79.50-79.59)
- 79.20 Open reduction of fracture without internal fixation, unspecified site
- 79.21 Open reduction of fracture without internal fixation, humerus
- 79.22 Open reduction of fracture without internal fixation, radius and ulna (arm)
- 79.23 Open reduction of fracture without internal fixation, carpals metacarpals (hand)
- 79.24 Open reduction of fracture without internal fixation, phalanges of hand

- 79.25 Open reduction of fracture without internal fixation, femur
- 79.26 Open reduction of fracture without internal fixation, tibia and fibula (leg)
- 79.27 Open reduction of fracture without internal fixation, tarsals and metatarsals (foot)
- 79.28 Open reduction of fracture without internal fixation, phalanges of foot
- 79.29 Open reduction of fracture without internal fixation, other specified bone
- 79.3 Open reduction of fracture with internal fixation  
**Excludes :** that for separation of epiphysis (79.50-79.59)
- 79.30 Open reduction of fracture with internal fixation, unspecified site
- 79.31 Open reduction of fracture with internal fixation, humerus
- 79.32 Open reduction of fracture with internal fixation, radius and ulna (arm)
- 79.33 Open reduction of fracture with internal fixation, carpals metacarpals (hand)
- 79.34 Open reduction of fracture with internal fixation, phalanges of hand
- 79.35 Open reduction of fracture with internal fixation, femur
- 79.36 Open reduction of fracture with internal fixation, tibia and fibula (leg)
- 79.37 Open reduction of fracture with internal fixation, tarsals and metatarsals (foot)
- 79.38 Open reduction of fracture with internal fixation, phalanges of foot
- 79.39 Open reduction of fracture with internal fixation, other specified bone
- 79.4 Closed reduction of separated epiphysis  
Reduction with or without internal fixation
- 79.40 Closed reduction of separated epiphysis, unspecified site
- 79.41 Closed reduction of separated epiphysis, humerus
- 79.42 Closed reduction of separated epiphysis, radius and ulna (arm)
- 79.45 Closed reduction of separated epiphysis, femur
- 79.46 Closed reduction of separated epiphysis, tibia and fibula (leg)
- 79.49 Closed reduction of separated epiphysis, other specified bone
- 79.5 Open reduction of separated epiphysis  
Reduction with or without internal fixation
- 79.50 Open reduction of separated epiphysis, unspecified site
- 79.51 Open reduction of separated epiphysis, humerus
- 79.52 Open reduction of separated epiphysis, radius and ulna (arm)

- 79.55 Open reduction of separated epiphysis, femur
- 79.56 Open reduction of separated epiphysis, tibia and fibula (leg)
- 79.59 Open reduction of separated epiphysis, other specified bone
- 
- 79.6 Debridement of open fracture site  
Debridement of compound fracture
- 79.60 Debridement of open fracture site, unspecified site
- 79.61 Debridement of open fracture site, humerus
- 79.62 Debridement of open fracture site, radius and ulna (arm)
- 79.63 Debridement of open fracture site, carpals metacarpals (hand)
- 79.64 Debridement of open fracture site, phalanges of hand
- 79.65 Debridement of open fracture site, femur
- 79.66 Debridement of open fracture site, tibia and fibula (leg)
- 79.67 Debridement of open fracture site, tarsals and metatarsals (foot)
- 79.68 Debridement of open fracture site, phalanges of foot
- 79.69 Debridement of open fracture site, other specified bone
- 
- 79.7 Closed reduction of dislocation  
Includes : closed reduction (with external traction device)  
**Excludes** : closed reduction of dislocation of temporomandibular joint (76.93)
- 79.70 Closed reduction of dislocation of unspecified site
- 79.71 Closed reduction of dislocation of shoulder
- 79.72 Closed reduction of dislocation of elbow
- 79.73 Closed reduction of dislocation of wrist
- 79.74 Closed reduction of dislocation of hand and finger
- 79.75 Closed reduction of dislocation of hip
- 79.76 Closed reduction of dislocation of knee
- 79.77 Closed reduction of dislocation of ankle
- 79.78 Closed reduction of dislocation of foot and toe
- 79.79 Closed reduction of dislocation of other specified sites
- 
- 79.8 Open reduction of dislocation  
Includes : open reduction (with internal and external fixation devices)  
**Excludes** : open reduction of dislocation of temporomandibular joint (76.94)

79.80	Open reduction of dislocation of unspecified site
79.81	Open reduction of dislocation of shoulder
79.82	Open reduction of dislocation of elbow
79.83	Open reduction of dislocation of wrist
79.84	Open reduction of dislocation of hand and finger
79.85	Open reduction of dislocation of hip
79.86	Open reduction of dislocation of knee
79.87	Open reduction of dislocation of ankle
79.88	Open reduction of dislocation of foot and toe
79.89	Open reduction of dislocation of other specified sites
79.9	Unspecified operation on bone injury
79.90	Unspecified operation on bone injury, unspecified site
79.91	Unspecified operation on bone injury, shoulder
79.92	Unspecified operation on bone injury, elbow
79.93	Unspecified operation on bone injury, wrist
79.94	Unspecified operation on bone injury, hand and finger
79.95	Unspecified operation on bone injury, hip
79.96	Unspecified operation on bone injury, knee
79.97	Unspecified operation on bone injury, ankle
79.98	Unspecified operation on bone injury, foot and toe
79.99	Unspecified operation on bone injury, other specified sites

## **80 Incision and excision of joint structures**

Includes :

operations on :

- capsule of joint
- cartilage
- condyle
- ligament
- meniscus
- synovial membrane

**Excludes :**

cartilage of :

- ear (18.01-18.9)
- nose (21.00-21.99)
- temporomandibular joint (76.01-76.99)

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

Code also any :

- insertion of (cement)(joint) (methylmethacrylate) spacer (84.56)
- removal of (cement)(joint) (methylmethacrylate) spacer (84.57)

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

80.00 Arthrotomy for removal of prosthesis, unspecified site

80.01 Arthrotomy for removal of prosthesis, shoulder

80.02 Arthrotomy for removal of prosthesis, elbow

80.03 Arthrotomy for removal of prosthesis, wrist

80.04 Arthrotomy for removal of prosthesis, hand and finger

80.05 Arthrotomy for removal of prosthesis, hip

80.06 Arthrotomy for removal of prosthesis, knee

80.07 Arthrotomy for removal of prosthesis, ankle

80.08 Arthrotomy for removal of prosthesis, foot and toe

80.09 Arthrotomy for removal of prosthesis, other specified sites

80.1 Other arthrotomy

Arthroscopy

**Excludes :**

that for :

- arthrography (88.32)
- arthroscopy (80.20-80.29)
- injection of drug (81.92)
- operative approach -- omit code

80.10 Other arthrotomy, unspecified site

80.11 Other arthrotomy, shoulder  
80.12 Other arthrotomy, elbow  
80.13 Other arthrotomy, wrist  
80.14 Other arthrotomy, hand and finger  
80.15 Other arthrotomy, hip  
80.16 Other arthrotomy, knee  
80.17 Other arthrotomy, ankle  
80.18 Other arthrotomy, foot and toe  
80.19 Other arthrotomy, other specified sites

80.2 Arthroscopy  
80.20 Arthroscopy, unspecified site  
80.21 Arthroscopy, shoulder  
80.22 Arthroscopy, elbow  
80.23 Arthroscopy, wrist  
80.24 Arthroscopy, hand and finger  
80.25 Arthroscopy, hip  
80.26 Arthroscopy, knee  
80.27 Arthroscopy, ankle  
80.28 Arthroscopy, foot and toe  
80.29 Arthroscopy, other specified sites

80.3 Biopsy of joint structure  
Aspiration biopsy  
80.30 Biopsy of joint structure, unspecified site  
80.31 Biopsy of joint structure, shoulder  
80.32 Biopsy of joint structure, elbow  
80.33 Biopsy of joint structure, wrist  
80.34 Biopsy of joint structure, hand and finger  
80.35 Biopsy of joint structure, hip  
80.36 Biopsy of joint structure, knee  
80.37 Biopsy of joint structure, ankle  
80.38 Biopsy of joint structure, foot and toe  
80.39 Biopsy of joint structure, other specified sites



- 80.4 Division of joint capsule, ligament, or cartilage  
 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)
- 80.40 Division of joint capsule, ligament, or cartilage, unspecified site
- 80.41 Division of joint capsule, ligament, or cartilage, shoulder
- 80.42 Division of joint capsule, ligament, or cartilage, elbow
- 80.43 Division of joint capsule, ligament, or cartilage, wrist
- 80.44 Division of joint capsule, ligament, or cartilage, hand and finger
- 80.45 Division of joint capsule, ligament, or cartilage, hip
- 80.46 Division of joint capsule, ligament, or cartilage, knee
- 80.47 Division of joint capsule, ligament, or cartilage, ankle
- 80.48 Division of joint capsule, ligament, or cartilage, foot and toe
- 80.49 Division of joint capsule, ligament, or cartilage, other specified sites
- 80.5 Excision, destruction and other repair of intervertebral disc
- 80.50 Excision or destruction of intervertebral disc, unspecified  
 Unspecified as to excision or destruction
- 80.51 Excision of intervertebral disc  
 Diskectomy  
 Removal of herniated nucleus pulposus  
 Level: cervical, thoracic, lumbar (lumbosacral)  
 That by laminotomy or hemilaminectomy  
 That with decompression of spinal nerve root at same level

Requires additional code for any concomitant decompression of spinal nerve root at different level from excision site

Code also any: concurrent spinal fusion (81.00 - 81.09)

repair of the anulus fibrosus (80.53-80.54)

**Excludes :**

- that for insertion of (non-fusion) spinal disc replacement device (84.60 - 84.69)
- that with corpectomy, (vertebral) (80.99)
- intervertebral chemonucleolysis (80.52)
- laminectomy for exploration of intraspinal canal (03.09)
- laminotomy for decompression of spinal nerve root only (03.09)

80.52

Intervertebral chemonucleolysis

With aspiration of disc fragments

With diskography

Injection of proteolytic enzyme into intervertebral space (chymopapain)

**Excludes :**

- injection of anesthetic substance (03.91)
- injection of other substances (03.92)

80.53

Repair of the anulus fibrosus with graft or prosthesis

Anular disc repair

Closure (sealing) of the anulus fibrosus defect

Includes : microsurgical suture repair with fascial autograft

soft tissue re-approximation repair with tension bands

surgical mesh repair

Code also any :

- application or administration of adhesion barrier substance, if performed (99.77)
- intervertebral discectomy, if performed (80.51)
- locally harvested fascia for graft (83.43)

80.54

Other and unspecified repair of the anulus fibrosus

Anular disc repair

Closure (sealing) of the anulus fibrosus defect

Microsurgical suture repair without fascial autograft

Percutaneous repair of the anulus fibrosus

Code also any :

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

80.59 Other destruction of intervertebral disc

Destruction NEC

That by laser

80.6 Excision of semilunar cartilage of knee

Excision of meniscus of knee

80.7 Synovectomy

Complete or partial resection of synovial membrane

**Excludes :** excision of Baker's cyst (83.39)

80.70 Synovectomy, unspecified site

80.71 Synovectomy, shoulder

80.72 Synovectomy, elbow

80.73 Synovectomy, wrist

80.74 Synovectomy, hand and finger

80.75 Synovectomy, hip

80.76 Synovectomy, knee

80.77 Synovectomy, ankle

80.78 Synovectomy, foot and toe

80.79 Synovectomy, other specified sites

80.8 Other local excision or destruction of lesion of joint

80.80 Other local excision or destruction of lesion of joint, unspecified site

80.81 Other local excision or destruction of lesion of joint, shoulder

80.82 Other local excision or destruction of lesion of joint, elbow

80.83 Other local excision or destruction of lesion of joint, wrist

80.84 Other local excision or destruction of lesion of joint, hand and finger

- 80.85 Other local excision or destruction of lesion of joint, hip
- 80.86 Other local excision or destruction of lesion of joint, knee
- 80.87 Other local excision or destruction of lesion of joint, ankle
- 80.88 Other local excision or destruction of lesion of joint, foot and toe
- 80.89 Other local excision or destruction of lesion of joint, other specified sites
- 
- 80.9 Other excision of joint
- Excludes :**
- cheilectomy of joint (77.80-77.89)
  - excision of bone ends (77.80-77.89)
- 80.80 Other excision of joint, unspecified site
- 80.81 Other excision of joint, shoulder
- 80.82 Other excision of joint, elbow
- 80.83 Other excision of joint, wrist
- 80.84 Other excision of joint, hand and finger
- 80.85 Other excision of joint, hip
- 80.86 Other excision of joint, knee
- 80.87 Other excision of joint, ankle
- 80.88 Other excision of joint, foot and toe
- 80.89 Other excision of joint, other specified sites

## **81 Repair and plastic operations on joint structures**

- 81.0 Spinal fusion
- Includes :
- arthrodesis of spine with : bone graft, internal fixation
  - Code also any insertion of interbody spinal fusion device (84.51)
  - any insertion of recombinant bone morphogenetic protein (84.52)
  - any synchronous excision of (locally) harvested bone for graft (77.70-77.79)
  - the total number of vertebrae fused (81.62-81.64)
- Excludes :**
- correction of pseudarthrosis of spine (81.30- 81.39)

- refusion of spine (81.30 - 81.39)
- 81.00 Spinal fusion, not otherwise specified
- 81.01 Atlas-axis spinal fusion
- Craniocervical fusion by anterior, transoral, or posterior technique
- C1-C2 fusion by anterior, transoral, or posterior technique
- Occiput C2 fusion by anterior, transoral, or posterior technique
- 81.02 Other cervical fusion, anterior technique
- Arthrodesis of C2 level or below :
- anterior (interbody) technique
  - anterolateral technique
- 81.03 Other cervical fusion, posterior technique
- Arthrodesis of C2 level or below :
- posterior (interbody) technique
  - posterolateral technique
- 81.04 Dorsal and dorsolumbar fusion, anterior technique
- Arthrodesis of thoracic or thoracolumbar region :
- anterior (interbody) technique
  - anterolateral technique
- 81.05 Dorsal and dorsolumbar fusion, posterior technique
- Arthrodesis of thoracic or thoracolumbar region :
- posterior (interbody) technique
  - posterolateral technique
- 81.06 Lumbar and lumbosacral fusion, anterior technique
- Anterior lumbar interbody fusion (ALIF)
- Arthrodesis of lumbar or lumbosacral region :
- anterior (interbody) technique
  - anterolateral technique
- 81.07 Lumbar and lumbosacral fusion, lateral transverse process technique
- 81.08 Lumbar and lumbosacral fusion, posterior technique
- Arthrodesis of lumbar or lumbosacral region :
- posterior (interbody) technique
  - posterolateral technique
- Posterior lumbar interbody fusion (PLIF)

Transforaminal lumbar interbody fusion (TLIF)

- 81.1 Arthrodesis and arthroereisis of foot and ankle  
Includes :  
arthrodesis of foot and ankle with : bone graft, external fixation device
- 81.11 Ankle fusion  
Tibiotalar fusion
- 81.12 Triple arthrodesis  
Talus to calcaneus and calcaneus to cuboid and navicular
- 81.13 Subtalar fusion  
**Excludes** : arthroereisis (81.18)
- 81.14 Midtarsal fusion
- 81.15 Tarsometatarsal fusion
- 81.16 Metatarsophalangeal fusion
- 81.17 Other fusion of foot
- 81.18 Subtalar joint arthroereisis
- 81.2 Arthrodesis of other joint  
Includes :  
arthrodesis with : bone graft, external fixation device  
excision of bone ends and compression
- 81.20 Arthrodesis of unspecified joint
- 81.21 Arthrodesis of hip
- 81.22 Arthrodesis of knee
- 81.23 Arthrodesis of shoulder
- 81.24 Arthrodesis of elbow
- 81.25 Carporadial fusion
- 81.26 Metacarpocarpal fusion
- 81.27 Metacarpophalangeal fusion
- 81.28 Interphalangeal fusion
- 81.29 Arthrodesis of other specified joints
- 81.3 Refusion of spine  
Includes :

- arthrodesis of spine with : bone graft, internal fixation
  - correction of pseudarthrosis of spine
  - Code also any insertion of interbody spinal fusion device (84.51)
  - any insertion of recombinant bone morphogenetic protein (84.52)
  - any synchronous excision of (locally) harvested bone for graft (77.70-77.79)
  - the total number of vertebrae fused (81.62-81.64)
- 81.30 Refusion of spine, not otherwise specified
- 81.31 Refusion of atlas-axis spine  
Craniocervical fusion by anterior, transoral, or posterior technique  
C1-C2 fusion by anterior, transoral, or posterior technique  
Occiput C2 fusion by anterior, transoral, or posterior technique
- 81.32 Refusion of other cervical spine, anterior 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  
Anterior lumbar interbody fusion (ALIF)  
Arthrodesis of lumbar or lumbosacral region :
- anterior (interbody) technique
  - anterolateral technique

- 81.37 Refusion of lumbar and lumbosacral spine, lateral transverse process technique
- 81.38 Refusion of lumbar and lumbosacral spine, posterior technique  
 Arthrodesis of lumbar or lumbosacral region :
- posterior (interbody) technique
  - posterolateral technique
- Posterior lumbar interbody fusion (PLIF)  
 Transforaminal lumbar interbody fusion (TLIF)
- 81.39 Refusion of spine, not elsewhere classified
- 81.4 Other repair of joint of lower extremity  
 Includes :
- arthroplasty of lower extremity with :
- external traction or fixation
  - graft of bone (chips) or cartilage
  - internal fixation device
- 81.40 Repair of hip, not elsewhere classified
- 81.42 Five-in-one repair of knee  
 Medial meniscectomy, medial collateral ligament repair, vastus medialis advancement, semitendinosus advancement, and pes anserinus transfer
- 81.43 Triad knee repair  
 Medial meniscectomy with repair of the anterior cruciate ligament and the medial collateral ligament  
 O'Donoghue procedure
- 81.44 Patellar stabilization  
 Roux-Goldthwait operation for recurrent dislocation of patella
- 81.45 Other repair of the cruciate ligaments
- 81.46 Other repair of the collateral ligaments
- 81.47 Other repair of knee
- 81.49 Other repair of ankle
- 81.5 Joint replacement of lower extremity  
 Includes :



arthroplasty of lower extremity with :

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

- 81.51 Total hip replacement  
Replacement of both femoral head and acetabulum by prosthesis  
Total reconstruction of hip  
Code also any type of bearing surface, if known (00.74-0 0.77)
- 81.52 Partial hip replacement  
Bipolar endoprosthesis  
Code also any type of bearing surface, if known (00.74 - 00.77)
- 81.53 Revision of hip replacement, not otherwise specified  
Revision of hip replacement, not specified as to components(s) replaced,  
(acetabular, femoral or both)  
Code also any :
  - removal of (cement)(joint) spacer (84.57)
  - type of bearing surface, if known (00.74-00.77)**Excludes :** revision of hip replacement, components specified (00.70-00.73)
- 81.54 Total knee replacement  
Bicompartmental, Tricompartmental, Unicompartmental (hemijoint)
- 81.55 Revision of knee replacement, not otherwise specified  
Code also any removal of (cement) spacer (84.57)  
**Excludes :**
  - arthrodesis of knee (81.22)
  - revision of knee replacement, components specified (00.80-00.84)
- 81.56 Total ankle replacement
- 81.57 Replacement of joint of foot and toe
- 81.59 Revision of joint replacement of lower extremity, not elsewhere classified
- 81.6 Other procedures on spine  
Note : Number of vertebrae  
The vertebral spine consists of 25 vertebrae in the following order and number:

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

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

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

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

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

81.62 Fusion or refusion of 2-3 vertebrae

81.63 Fusion or refusion of 4- 8 vertebrae

81.64 Fusion or refusion of 9 or more vertebrae

81.65 Percutaneous vertebroplasty

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

**Excludes :** percutaneous vertebral augmentation (81.66)

81.66 Percutaneous vertebral augmentation

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

Arcoplasty

Kyphoplasty

SKyphoplasty

Spineoplasty

**Excludes :** percutaneous vertebroplasty (81.65)

81.7 Arthroplasty and repair of hand, fingers and wrist

Includes:

arthroplasty of hand and finger with :

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

- internal fixation device or prosthesis
- Excludes :** operations on muscle, tendon and fascia of hand (82.01-82.99)
- 81.71 Arthroplasty of metacarpophalangeal and interphalangeal joint with implant
- 81.72 Arthroplasty of metacarpophalangeal and interphalangeal joint without implant
- 81.73 Total wrist replacement
- 81.74 Arthroplasty of carpocarpal or carpometacarpal joint with implant
- 81.75 Arthroplasty of carpocarpal or carpometacarpal joint without implant
- 81.79 Other repair of hand, fingers and wrist
- 
- 81.8 Arthroplasty and repair of shoulder and elbow
- Includes:
- arthroplasty of upper limb NEC with :
- external traction or fixation
  - graft of bone (chips) or cartilage
  - internal fixation device or prosthesis
- 81.80 Total shoulder replacement
- 81.81 Partial shoulder replacement
- 81.82 Repair of recurrent dislocation of shoulder
- 81.83 Other repair of shoulder
- Revision of arthroplasty of shoulder
- 81.84 Total elbow replacement
- 81.85 Other repair of elbow
- 
- 81.9 Other operations on joint structures
- 81.91 Arthrocentesis
- Joint aspiration
- Excludes :**
- that for :
- arthrography (88.32)
  - biopsy of joint structure (80.30-80.39)
  - injection of drug (81.92)
- 81.92 Injection of therapeutic substance into joint or ligament

- 81.93 Suture of capsule or ligament of upper extremity  
**Excludes :** that associated wit arthroplasty (81.71-81.75, 81.80-81.81, 81.84)
- 81.94 Suture of capsule or ligament of ankle and foot  
**Excludes :** that associated wit arthroplasty (81.56-81.59)
- 81.95 Suture of capsule or ligament of other lower extremity  
**Excludes :** that associated wit arthroplasty (81.51-81.55, 81.59)
- 81.96 Other repair of joint
- 81.97 Revision of joint replacement of upper extremity  
 Partial, Removal of cement spacer, Total
- 81.98 Other diagnostic procedures on joint structures  
**Excludes :**
- arthroscopy (80.20-80.29)
  - biopsy of joint structure (80.30-80.39)
  - microscopic examination of specimen from joint (91.51-91.59)
  - thermography (88.83)
  - x-ray (87.21-87.29, 88.21-88.33)
- 81.99 Other

## **82 Operations on muscle, tendon, and fascia of hand**

Includes :

operations on :

- aponeurosis
- synovial membrane (tendon sheath)
- tendon sheath

- 82.0 Incision of muscle, tendon, fascia, and bursa of hand
- 82.01 Exploration of tendon sheath of hand  
 Incision of tendon sheath of hand  
 Removal of rice bodies in tendon sheath of hand  
**Excludes :** division of tendon (82.11)
- 82.02 Myotomy of hand  
**Excludes :** myotomy for division (82.19)
- 82.03 Bursotomy of hand

- 82.04 Incision and drainage of palmar or thenar space
- 82.09 Other incision of soft tissue of hand  
**Excludes :** incision of skin and subcutaneous tissue alone (86.01-86.09)
- 82.1 Division of muscle, tendon, and fascia of hand
- 82.11 Tenotomy of hand  
 Division of tendon of hand
- 82.12 Fasciotomy of hand  
 Division of fascia of hand
- 82.19 Other division of soft tissue of hand  
 Division of muscle of hand
- 82.2 Excision of lesion of muscle, tendon, and fascia of hand
- 82.21 Excision of lesion of tendon sheath of hand  
 Ganglionectomy of tendon sheath (wrist)
- 82.22 Excision of lesion of muscle of hand
- 82.29 Excision of other lesion of soft tissue of hand  
**Excludes :** excision of lesion of skin and subcutaneous tissue (86.21-86.3)
- 82.3 Other excision of soft tissue of hand  
 Code also any skin graft (86.61-86.62, 86.73)  
**Excludes :** excision of skin and subcutaneous tissue (86.21-86.3)
- 82.31 Bursectomy of hand
- 82.32 Excision of tendon of hand for graft
- 82.33 Other tenonectomy of hand  
 Tenosynovectomy of hand  
**Excludes :**
- excision of lesion of:
  - tendon (82.29)
  - sheath (82.21)
- 82.34 Excision of muscle or fascia of hand for graft
- 82.35 Other fasciectomy of hand  
 Release of Dupuytren's contracture

- Excludes :** excision of lesion of fascia (82.29)
- 82.36 Other myectomy of hand
- Excludes :** excision of lesion of muscle (82.22)
- 82.39 Other excision of soft tissue of hand
- Excludes :**
- excision of skin (86.21-86.3)
  - excision of soft tissue lesion (82.29)
- 82.4 Suture of muscle, tendon, and fascia of hand
- 82.41 Suture of tendon sheath of hand
- 82.42 Delayed suture of flexor tendon of hand
- 82.43 Delayed suture of other tendon of hand
- 82.44 Other suture of flexor tendon of hand
- Excludes :** delayed suture of flexor tendon of hand (82.42)
- 82.45 Other suture of other tendon of hand
- Excludes :** delayed suture of other tendon of hand (82.43)
- 82.46 Suture of muscle or fascia of hand
- 82.5 Transplantation of muscle and tendon of hand
- 82.51 Advancement of tendon of hand
- 82.52 Recession of tendon of hand
- 82.53 Reattachment of tendon of hand
- 82.54 Reattachment of muscle of hand
- 82.55 Other change in hand muscle or tendon length
- 82.56 Other hand tendon transfer or transplantation
- Excludes :**
- pollicization of thumb (82.61)
  - transfer of finger, except thumb (82.81)
- 82.57 Other hand tendon transposition
- 82.58 Other hand muscle transfer or transplantation
- 82.59 Other hand muscle transposition

- 82.6 Reconstruction of thumb  
Includes : digital transfer to act as thumb  
Code also any amputation for digital transfer (84.01, 84.11)
- 82.61 Pollicization operation carrying over nerves and blood supply
- 82.69 Other reconstruction of thumb  
"Cocked-hat" procedure [skin flap and bone]  
Grafts : bone to thumb skin (pedicle) to thumb
- 82.7 Plastic operation on hand with graft or implant
- 82.71 Tendon pulley reconstruction  
Reconstruction for opponensplasty
- 82.72 Plastic operation on hand with graft of muscle or fascia
- 82.79 Plastic operation on hand with other graft or implant  
Tendon graft to hand
- 82.8 Other plastic operations on hand
- 82.81 Transfer of finger, except thumb  
**Excludes** : pollicization of thumb (82.61)
- 82.82 Repair of cleft hand
- 82.83 Repair of macrodactyly
- 82.84 Repair of mallet finger
- 82.85 Other tenodesis of hand  
Tendon fixation of hand NOS
- 82.86 Other tenoplasty of hand  
Myotenoplasty of hand
- 82.89 Other plastic operations on hand  
Plication of fascia  
Repair of fascial hernia  
**Excludes** : that with graft or implant (82.71-82.79)
- 82.9 Other operations on muscle, tendon, and fascia of hand  
**Excludes** : diagnostic procedures on soft tissue of hand (83.21-83.29)
- 82.91 Lysis of adhesions of hand  
Freeing of adhesions of fascia, muscle, and tendon of hand

**Excludes :**

- decompression of carpal tunnel (04.43)
- that by stretching or manipulation only (93.26)

82.92 Aspiration of bursa of hand

82.93 Aspiration of other soft tissue of hand

**Excludes :** skin and subcutaneous tissue (86.01)

82.94 Injection of therapeutic substance into bursa of hand

82.95 Injection of therapeutic substance into tendon of hand

82.96 Other injection of locally-acting therapeutic substance into soft tissue of hand

**Excludes :** subcutaneous or intramuscular injection (99.11-99.29)

82.99 Other operations on muscle, tendon, and fascia of hand

**83 Operations on muscle, tendon, fascia, and bursa, except hand**

Includes :

operations on :

- aponeurosis
- synovial membrane of bursa and tendon sheaths
- tendon sheaths

**Excludes :**

- diaphragm (34.81-34.89)
- hand (82.01-82.99)
- muscles of eye (15.01-15.9)

83.0 Incision of muscle, tendon, fascia, and bursa

83.01 Exploration of tendon sheath

Incision of tendon sheath

Removal of rice bodies from tendon sheath

83.02 Myotomy

**Excludes :** cricopharyngeal myotomy (29.31)

83.03 Bursotomy

Removal of calcareous deposit of bursa

**Excludes :** aspiration of burs (percutaneous) (83.94)

83.09 Other incision of soft tissue



Incision of fascia

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

83.1 Division of muscle, tendon, and fascia

83.11 Achillotenotomy

83.12 Adductor tenotomy of hip

83.13 Other tenotomy

Aponeurotomy

Division of tendon

Tendon release

Tendon transection

Tenotomy for thoracic outlet decompression

83.14 Fasciotomy

Division of fascia

Division of iliotibial band

Fascia stripping

Release of Volkmann's contracture by fasciotomy

83.19 Other division of soft tissue

Division of muscle

Muscle release

Myotomy for thoracic outlet decompression

Myotomy with division

Scalenotomy

Transection of muscle

83.2 Diagnostic procedures on muscle, tendon, fascia, and bursa, including that of hand

83.21 Biopsy of soft tissue

**Excludes :**

- biopsy of chest wall (34.23)
- biopsy of skin and subcutaneous tissue (86.11)

83.29 Other diagnostic procedures on muscle, tendon, fascia, and bursa, including that of hand

**Excludes :**

- microscopic examination of specimen (91.51-91.59)
- soft tissue x-ray (87.09, 87.38-87.39, 88.09, 88.35, 88.37)
- thermography of muscle (88.84)

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

**Excludes :** biopsy of soft tissue (83.21)

83.31 Excision of lesion of tendon sheath

Excision of ganglion of tendon sheath, except of hand

83.32 Excision of lesion of muscle

Excision of :

- heterotopic bone
- muscle scar for release of Volkmann's contracture
- myositis ossificans

83.39 Excision of lesion of other soft tissue

Excision of Baker's cyst

**Excludes :**

- bursectomy (83.5)
- excision of lesion of skin and subcutaneous tissue (86.3)
- synovectomy (80.70-80.79)

83.4 Other excision of muscle, tendon, and fascia

83.41 Excision of tendon for graft

83.42 Other tenonectomy

Excision of :

- aponeurosis
- tendon sheath
- Tenosynovectomy

83.43 Excision of muscle or fascia for graft

83.44 Other fasciectomy

83.45 Other myectomy

Debridement of muscle NOS

Scalenectomy

- 83.49 Other excision of soft tissue
- 83.5 Bursectomy
- 83.6 Suture of muscle, tendon, and fascia
- 83.61 Suture of tendon sheath
- 83.62 Delayed suture of tendon
- 83.63 Rotator cuff repair
- 83.64 Other suture of tendon  
Achillorrhaphy, Aponeurorrhaphy  
**Excludes** : delayed suture of tendon (83.62)
- 83.65 Other suture of muscle or fascia  
Repair of diastasis recti
- 83.7 Reconstruction of muscle and tendon  
**Excludes** : reconstruction of muscle and tendon associated with arthroplasty
- 83.71 Advancement of tendon
- 83.72 Recession of tendon
- 83.73 Reattachment of tendon
- 83.74 Reattachment of muscle
- 83.75 Tendon transfer or transplantation
- 83.76 Other tendon transposition
- 83.77 Muscle transfer or transplantation  
Release of Volkmann's contracture by muscle transplantation
- 83.79 Other muscle transposition
- 83.8 Other plastic operations on muscle, tendon, and fascia  
**Excludes** : plastic operations on muscle, tendon, and fascia associated with arthroplasty
- 83.81 Tendon graft
- 83.82 Graft of muscle or fascia
- 83.83 Tendon pulley reconstruction
- 83.84 Release of clubfoot, not elsewhere classified  
Evans operation on clubfoot

- 83.85 Other change in muscle or tendon length  
Hamstring lengthening, Heel cord shortening, Plastic achillotenotomy, Tendon plication
- 83.86 Quadricepsplasty
- 83.87 Other plastic operations on muscle  
Musculoplasty, Myoplasty
- 83.88 Other plastic operations on tendon  
Myotenoplasty, Tendon fixation, Tenodesis, Tenoplasty
- 83.89 Other plastic operations on fascia  
Fascia lengthening, Fascioplasty, Plication of fascia
- 83.9 Other operations on muscle, tendon, fascia, and bursa  
**Excludes :**  
Nonoperative :
  - manipulation (93.25-93.29)
  - stretching (93.27-93.29)
- 83.91 Lysis of adhesions of muscle, tendon, fascia, and bursa  
**Excludes :** that for tarsal tunnel syndrome (04.44)
- 83.92 Insertion or replacement of skeletal muscle stimulator  
Implantation, insertion, placement, or replacement of skeletal muscle :
  - electrodes
  - stimulator
- 83.93 Removal of skeletal muscle stimulator
- 83.94 Aspiration of bursa
- 83.95 Aspiration of other soft tissue  
**Excludes :** that of skin and subcutaneous tissue (86.01)
- 83.96 Injection of therapeutic substance into bursa
- 83.97 Injection of therapeutic substance into tendon
- 83.98 Injection of locally-acting therapeutic substance into other soft tissue  
**Excludes :** subcutaneous or intramuscular injection (99.11-99.29)
- 83.99 Other operations on muscle, tendon, fascia, and bursa  
Suture of bursa

## 84 Other procedures on musculoskeletal system

- 84.0 Amputation of upper limb  
**Excludes :** revision of amputation stump (84.3)
- 84.00 Upper limb amputation, not otherwise specified  
Closed flap amputation of upper limb NOS  
Kineplastic amputation of upper limb NOS  
Open or guillotine amputation of upper limb NOS  
Revision of current traumatic amputation of upper limb NOS
- 84.01 Amputation and disarticulation of finger  
**Excludes :** ligation of supernumerary finge (86.26)
- 84.02 Amputation and disarticulation of thumb
- 84.03 Amputation through hand  
Amputation through carpals
- 84.04 Disarticulation of wrist
- 84.05 Amputation through forearm  
Forearm amputation
- 84.06 Disarticulation of elbow
- 84.07 Amputation through humerus  
Upper arm amputation
- 84.08 Disarticulation of shoulder
- 84.09 Interthoracoscapular amputation  
Forequarter amputation
- 84.1 Amputation of lower limb  
**Excludes :** revision of amputation stump (84.3)
- 84.10 Lower limb amputation, not otherwise specified  
Closed flap amputation of lower limb NOS  
Kineplastic amputation of lower limb NOS  
Open or guillotine amputation of lower limb NOS  
Revision of current traumatic amputation of lower limb NOS
- 84.11 Amputation of toe  
Amputation through metatarsophalangeal joint  
Disarticulation of toe

- Metatarsal head amputation
- Ray amputation of foot (disarticulation of the metatarsal head of the toe extending across the forefoot just proximal to the metatarsophalangeal crease)
- Excludes :** ligation of supernumerary toe (86.26)
- 84.12 Amputation through foot
  - Amputation of forefoot
  - Amputation through middle of foot
  - Chopart's amputation
  - Midtarsal amputation
  - Transmetatarsal amputation (amputation of the forefoot, including all the toes)
  - Excludes :** Ray amputation of foot (84.11)
- 84.13 Disarticulation of ankle
- 84.14 Amputation of ankle through malleoli of tibia and fibula
- 84.15 Other amputation below knee
  - Amputation of leg through tibia and fibula NOS
- 84.16 Disarticulation of knee
  - Batch, Spitler, and McFaddin amputation
  - Mazet amputation
  - S.P. Roger's amputation
- 84.17 Amputation above knee
  - Amputation of leg through femur
  - Amputation of thigh
  - Conversion of below-knee amputation into above-knee amputation
  - Supracondylar above-knee amputation
- 84.18 Disarticulation of hip
- 84.19 Abdominopelvic amputation
  - Hemipelvectomy, Hindquarter amputation
- 84.2 Reattachment of extremity
- 84.21 Thumb reattachment
- 84.22 Finger reattachment
- 84.23 Forearm, wrist, or hand reattachment
- 84.24 Upper arm reattachment
  - Reattachment of arm NOS

- 84.25 Toe reattachment
- 84.26 Foot reattachment
- 84.27 Lower leg or ankle reattachment  
Reattachment of leg NOS
- 84.28 Thigh reattachment
- 84.29 Other reattachment
- 
- 84.3 Revision of amputation stump  
Reamputation of stump, Secondary closure of stump, Trimming of stump  
**Excludes** : revision of current traumatic amputation [revision by further amputation of current injury] (84.00-84.19, 84.91)
- 
- 84.4 Implantation or fitting of prosthetic limb device
- 84.40 Implantation or fitting of prosthetic limb device, not otherwise specified
- 84.41 Fitting of prosthesis of upper arm and shoulder
- 84.42 Fitting of prosthesis of lower arm and hand
- 84.43 Fitting of prosthesis of arm, not otherwise specified
- 84.44 Implantation of prosthetic device of arm
- 84.45 Fitting of prosthesis above knee
- 84.46 Fitting of prosthesis below knee
- 84.47 Fitting of prosthesis of leg, not otherwise specified
- 84.48 Implantation of prosthetic device of leg
- 
- 84.5 Implantation of other musculoskeletal devices and substances  
**Excludes** : insertion of (non-fusion) spinal disc replacement device (84.60 - 84.69)
- 84.51 Insertion of interbody spinal fusion device  
Insertion of :
- cages (carbon, ceramic, metal, plastic or titanium)
  - interbody fusion cage
  - synthetic cages or spacers
  - threaded bone dowels
- Code also refusion of spine (81.30 - 81.39)

- Code also spinal fusion (81.00 - 81.08)
- 84.52 Insertion of recombinant bone morphogenetic protein  
rhBMP  
That via collagen sponge, coral, ceramic and other carriers  
Code also primary procedure performed :
- fracture repair (79.00-79.99)
  - spinal fusion (81.00 - 81.08)
  - spinal refusion (81.30 - 81.39)
- 84.53 Implantation of internal limb lengthening device with kinetic distraction  
Code also limb lengthening procedure (78.30 - 78.39)
- 84.54 Implantation of other internal limb lengthening device  
Implantation of internal limb lengthening device, Not Otherwise Specified  
(NOS)  
Code also limb lengthening procedure (78.30 - 78.39)
- 84.55 Insertion of bone void filler  
Insertion of :
- acrylic cement (PMMA)
  - bone void cement
  - calcium based bone void filler
  - polymethylmethacrylate (PMMA)
- Excludes :**
- that with percutaneous vertebral augmentation (81.66)
  - that with percutaneous vertebroplasty (81.65)
- 84.56 Insertion or replacement of (cement) spacer  
Insertion or replacement of joint (methylnmethacrylate) spacer
- 84.57 Removal of (cement) spacer  
Removal of joint (methylnmethacrylate) spacer
- 84.59 Insertion of other spinal devices  
**Excludes :**
- initial insertion of pedicle screws with spinal fusion-omit code
  - insertion of facet replacement device(s) (84.84)
  - insertion of interspinous process device(s) (84.80)
  - insertion of pedicle-based dynamic stabilization device(s) (84.82)



- 84.6 Replacement of spinal disc  
Includes : non-fusion arthroplasty of the spine with insertion of artificial disc prosthesis
- 84.60 Insertion of spinal disc prosthesis, not otherwise specified  
Replacement of spinal disc, NOS  
Includes : discectomy (discectomy)
- 84.61 Insertion of partial spinal disc prosthesis, cervical  
Nuclear replacement device, cervical  
Partial artificial disc prosthesis (flexible), cervical  
Replacement of nuclear disc (nucleus pulposus), cervical  
Includes: discectomy (discectomy)
- 84.62 Insertion of total spinal disc prosthesis, cervical  
Replacement of cervical spinal disc, NOS  
Replacement of total spinal disc, cervical  
Total artificial disc prosthesis (flexible), cervical  
Includes : discectomy (discectomy)
- 84.63 Insertion of spinal disc prosthesis, thoracic  
Artificial disc prosthesis (flexible), thoracic  
Replacement of thoracic spinal disc, partial or total  
Includes : discectomy (discectomy)
- 84.64 Insertion of partial spinal disc prosthesis, lumbosacral  
Nuclear replacement device, lumbar  
Partial artificial disc prosthesis (flexible), lumbar  
Replacement of nuclear disc (nucleus pulposus), lumbar  
Includes : discectomy (discectomy)
- 84.65 Insertion of total spinal disc prosthesis, lumbosacral  
Replacement of lumbar spinal disc, NOS  
Replacement of total spinal disc, lumbar  
Total artificial disc prosthesis (flexible), lumbar  
Includes : discectomy (discectomy)
- 84.66 Revision or replacement of artificial spinal disc prosthesis, cervical  
Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial) (total) spinal disc prosthesis, cervical  
Repair of previously inserted spinal disc prosthesis, cervical

- 84.67 Revision or replacement of artificial spinal disc prosthesis, thoracic  
Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial) (total) spinal disc prosthesis, thoracic  
Repair of previously inserted spinal disc prosthesis, thoracic
- 84.68 Revision or replacement of artificial spinal disc prosthesis, lumbosacral  
Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial)(total) spinal disc prosthesis, lumbosacral  
Repair of previously inserted spinal disc prosthesis, lumbosacral
- 84.69 Revision or replacement of artificial spinal disc prosthesis, not otherwise specified  
Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial)(total) spinal disc prosthesis  
Repair of previously inserted spinal disc prosthesis
- 84.7 Adjunct codes for external fixator devices  
Code also any primary procedure performed :
- application of external fixator device (78.10, 78.12-78.13, 78.15, 78.17- 78.19)
  - reduction of fracture and dislocation (79.00-79.89)
- 84.71 Application of external fixator device, monoplanar system  
**Excludes :**
- other hybrid device or system (84.73)
  - ring device or system (84.72)
- 84.72 Application of external fixator device, ring system  
Ilizarov type, Sheffield type  
**Excludes :**
- monoplanar device or system (84.71)
  - other hybrid device or system (84.73)
- 84.73 Application of hybrid external fixator device  
Computer (assisted) (dependent) external fixator device  
Hybrid system using both ring and monoplanar devices  
**Excludes :**
- monoplanar device or system, when used alone (84.71)

- ring device or system, when used alone (84.72)

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

Dynamic spinal stabilization device(s)

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

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

**Excludes :**

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

84.80 Insertion or replacement of interspinous process device(s)

Interspinous process decompression device(s)

Interspinous process distraction device(s)

**Excludes :**

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

84.81 Revision of interspinous process device(s)

Repair of previously inserted interspinous process device(s)

**Excludes :**

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

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

**Excludes :**

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

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

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

**Excludes :**

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

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

**Excludes :**

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

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

**Excludes :**

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

84.9 Other operations on musculoskeletal system

**Excludes :** nonoperative manipulation (93.25-93.29)

84.91 Amputation, not otherwise specified

84.92 Separation of equal conjoined twins

84.93 Separation of unequal conjoined twins

Separation of conjoined twins NOS

84.99 Other

## CHAPTER VI

### Operations on The Integumentary System (85-86)

#### 86 Operations on skin and subcutaneous tissue

Includes :

operations on :

- hair follicles
- male perineum
- nails
- sebaceous glands
- subcutaneous fat pads
- sudoriferous glands
- superficial fossae

**Excludes :**

- those on skin of:
- anus (49.01-49.99)
- breast (mastectomy site) (85.0-85.99)
- ear (18.01-18.9)
- eyebrow (08.01-08.99)
- eyelid (08.01-08.99)
- female perineum (71.01-71.9)
- lips (27.0-27.99)
- nose (21.00-21.99)
- penis (64.0-64.99)
- scrotum (61.0-61.99)
- vulva (71.01-71.9)

86.0 Incision of skin and subcutaneous tissue

86.01 Aspiration of skin and subcutaneous tissue

Aspiration of :

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

- 86.02 Injection or tattooing of skin lesion or defect  
Injection of filling material  
Insertion of filling material  
Pigmenting of skin of filling material
- 86.03 Incision of pilonidal sinus or cyst  
**Excludes :** marsupialization (86.21)
- 86.04 Other incision with drainage of skin and subcutaneous tissue  
**Excludes :**  
drainage of :
  - fascial compartments of face and mouth (27.0)
  - palmar or thenar spac 82.04)
  - pilonidal sinus or cys 86.03)
- 86.05 Incision with removal of foreign body or device from skin and subcutaneous tissue  
Removal of carotid sinus baroreflex activation device  
Removal of loop recorder  
Removal of neurostimulator pulse generator (single array, dual array)  
Removal of tissue expander(s) from skin or soft tissue other than breast tissue  
**Excludes :** removal of foreign body without incision (98.20-98.29)
- 86.06 Insertion of totally implantable infusion pump  
Code also any associated catheterization  
**Excludes :** insertion of totally implantable vascular access device (86.07)
- 86.07 Insertion of totally implantable vascular access device [VAD]  
Totally implanted port  
**Excludes :** insertion of totally implantable infusion pump (86.06)
- 86.09 Other incision of skin and subcutaneous tissue  
Creation of thalamic stimulator pulse generator pocket, new site  
Escharotomy  
Exploration :
  - sinus tract, skin
  - superficial fossa
Relocation of subcutaneous device pocket NEC  
Reopening subcutaneous pocket for device revision without replacement

Undercutting of hair follicle

**Excludes :**

- creation of loop recorder pocket, new site and insertion/relocation of device (37.79)
- creation of pocket for implantable, patient-activated cardiac event recorder and insertion/relocation of device (37.79)
- removal of catheter from cranial cavity (01.27)
- that for drainage (86.04)
- that of :
  - cardiac pacemaker pocket, new site (37.79)
  - fascial compartments of face and mouth (27.0)

86.1 Diagnostic procedures on skin and subcutaneous tissue

86.11 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
- Water scalpel (jet)
- 86.3 Other local excision or destruction of lesion or tissue of skin and subcutaneous tissue  
Destruction of skin by :
- cauterization cryosurgery
  - fulguration
  - laser beam
- That with Z-plasty  
**Excludes :**
- adipectomy (86.83)
  - biopsy of skin (86.11)
  - wide or radical excision of skin (86.4)



- Z-plasty without excision (86.84)
- 86.4 Radical excision of skin lesion  
Wide excision of skin lesion involving underlying or adjacent structure  
Code also any lymph node dissection (40.3-40.5)
- 86.5 Suture or other closure of skin and subcutaneous tissue
- 86.51 Replantation of scalp
- 86.59 Closure of skin and subcutaneous tissue of other sites  
Adhesives (surgical) (tissue), Staples, Sutures  
**Excludes :** application of adhesive strips (butterfly) - *omit code*
- 86.6 Free skin graft  
Includes : excision of skin for autogenous graft  
**Excludes :**  
construction or reconstruction of :
  - penis (64.43-64.44)
  - trachea (31.75)
  - vagina (70.61-70.64)
- 86.60 Free skin graft, not otherwise specified
- 86.61 Full-thickness skin graft to hand  
**Excludes :** heterograft (86.65), homograft (86.66)
- 86.62 Other skin graft to hand  
**Excludes :** heterograft (86.65), homograft (86.66)
- 86.63 Full-thickness skin graft to other sites  
**Excludes :** heterograft (86.65), homograft (86.66)
- 86.64 Hair transplant  
**Excludes :** hair follicle transplant to eyebrow or eyelash (08.63)
- 86.65 Heterograft to skin  
Pigskin graft, Porcine graft  
**Excludes :** application of dressing only (93.57)
- 86.66 Homograft to skin  
Graft to skin of : amnionic membrane from donor skin from donor

- 86.67 Dermal regenerative graft  
Artificial skin, NOS  
Creation of "neodermis"  
Decellularized allodermis  
Integumentary matrix implants  
Prosthetic implant of dermal layer of skin  
Regenerate dermal layer of skin  
**Excludes :** heterograft to skin (86.65), homograft to skin (86.66)
- 86.69 Other skin graft to other sites  
**Excludes :** heterograft (86.65), homograft (86.66)
- 86.7 Pedicle grafts or flaps  
**Excludes :**  
construction or reconstruction of :
  - penis (64.43-64.44)
  - trachea (31.75)
  - vagina (70.61-70.64)
- 86.70 Pedicle or flap graft, not otherwise specified
- 86.71 Cutting and preparation of pedicle grafts or flaps  
Elevation of pedicle from its bed  
Flap design and raising  
Partial cutting of pedicle or tube  
Pedicle delay  
**Excludes :**
  - pollicization or digita transfer (82.61, 82.81)
  - revision of pedicle (86.75)
- 86.72 Advancement of pedicle graft
- 86.73 Attachment of pedicle or flap graft to hand  
**Excludes :** pollicization or digita transfer (82.61, 82.81)
- 86.74 Attachment of pedicle or flap graft to other sites  
Attachment by : advanced flap, double pedicled flap, pedicle graft, rotating flap, sliding flap, tube graft
- 86.75 Revision of pedicle or flap graft

- Debridement of pedicle or flap graft  
Defatting of pedicle or flap graft
- 86.8 Other repair and reconstruction of skin and subcutaneous tissue
- 86.81 Repair for facial weakness
- 86.82 Facial rhytidectomy  
Face lift  
**Excludes :** rhytidectomy of eyelid (08.86-08.87)
- 86.83 Size reduction plastic operation  
Liposuction  
Reduction of adipose tissue of :
  - abdominal wall (pendulous)
  - arms (batwing)
  - buttock
  - thighs (trochanteric lipomatosis)**Excludes :** breast (85.31-85.32)
- 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 flaps for donor use

**Excludes :**

- flap graft preparation (86.71)
- tissue expander, breast (85.95)

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

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

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

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

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

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

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

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

86.96 Insertion or replacement of other neurostimulator pulse generator

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

**Excludes :**

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

86.97 Insertion or replacement of single array rechargeable neurostimulator pulse generator

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

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

86.98 Insertion or replacement of dual array rechargeable neurostimulator pulse generator

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

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

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)

## CHAPTER VII

### Miscellaneous Diagnostic and Therapeutic Procedures (87-99)

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

- 93.0 Diagnostic physical therapy
- 93.01 Functional evaluation
- 93.02 Orthotic evaluation
- 93.03 Prosthetic evaluation
- 93.04 Manual testing of muscle function
- 93.05 Range of motion testing
- 93.06 Measurement of limb length
- 93.07 Body measurement
  - Girth measurement, Measurement of skull circumference
- 93.08 Electromyography
  - Excludes :**
    - eye EMG (95.25)
    - that 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 :**

- external fixator device (84.71-84.73)
- wound cleansing (96.58-96.59)

93.51 Application of plaster jacket

**Excludes :** Minerva jacket (93.52)

93.52 Application of neck support

Application of :

- cervical collar
- Minerva jacket
- molded neck support

93.53 Application of other cast

93.54 Application of splint

Plaster splint, Tray splint

**Excludes :** periodontal splint (24.7)

93.55 Dental wiring

**Excludes :** that for orthodontia (24.7)



- 93.56 Application of pressure dressing  
Application of :
- Gibney bandage
  - Robert Jones' bandage
  - Shanz dressing
- 93.57 Application of other wound dressing  
Porcine wound dressing
- 93.58 Application of pressure trousers  
Application of :
- anti-shock trousers
  - MAST trousers
  - vasopneumatic device
- 93.59 Other immobilization, pressure, and attention to wound  
Elastic stockings  
Electronic gaiter  
Intermittent pressure device  
Oxygenation of wound (hyperbaric)  
Stereotactic head frame application  
Strapping (non-traction)  
Velpau dressing
- 93.6 Osteopathic manipulative treatment
- 93.61 Osteopathic manipulative treatment for general mobilization  
General 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

## **97 Replacement and removal of therapeutic appliances**

- 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**

- 98.2 Removal of other foreign body without incision  
**Excludes :** removal of intraluminal foreign body (98.01-98.19)
- 98.20 Removal of foreign body, not otherwise specified
- 98.21 Removal of superficial foreign body from eye without incision
- 98.22 Removal of other foreign body without incision from head and neck  
Removal of embedded foreign body from eyelid or conjunctiva without incision
- 98.23 Removal of foreign body from vulva without incision
- 98.24 Removal of foreign body from scrotum or penis without incision
- 98.25 Removal of other foreign body without incision from trunk except scrotum, penis, or vulva
- 98.26 Removal of foreign body from hand without incision
- 98.27 Removal of foreign body without incision from upper limb, except hand
- 98.28 Removal of foreign body from foot without incision
- 98.29 Removal of foreign body without incision from lower limb, except foot