

The following content was supplied by the authors as supporting material and has not been copy-edited or verified by JBJS.

Supplemental Table 1. CPT codes for all orthopaedic surgery procedures tracked by the American College of Graduate Medical Education (ACGME)

CPT	Procedure	Category 1=Sports Medicine/Arthroscopy 2=trauma/general 3=recon 4=other 5=closed	Procedure of Interest 1=Shoulder Arthroscopy 2=Hip Arthroscopy 3=Knee Arthroscopy 4=Shoulder Arthroplasty 5=Hip Arthroplasty 6=Knee arthroplasty
23000	Removal of subdeltoid calcareous deposits, open	1	
23020	Capsular contracture release (eg, Sever type procedure)	1	
23130	Acromioplasty or acromionectomy, partial, with or without coracoacromial ligament release	1	
23334	Removal of prosthesis, includes debridement and synovectomy when performed; humeral or glenoid component	1	
23335	Removal of prosthesis, includes debridement and synovectomy when performed; humeral and glenoid components (eg, total shoulder)	1	
23395	Muscle transfer, any type, shoulder or upper arm; single	1	
23397	Muscle transfer, any type, shoulder or upper arm; multiple	1	
23400	Scapulopexy (eg, Sprengels deformity or for paralysis)	1	
23405	Tenotomy, shoulder area; single tendon	1	
23406	Tenotomy, shoulder area; multiple tendons through same incision	1	
23410	Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; acute	1	
23412	Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; chronic	1	
23415	Coracoacromial ligament release, with or without acromioplasty	1	
23420	Reconstruction of complete shoulder (rotator) cuff avulsion, chronic (includes acromioplasty)	1	

23430	Tenodesis of long tendon of biceps	1	
23440	Resection or transplantation of long tendon of biceps	1	
23450	Capsulorrhaphy, anterior; Putti-Platt procedure or Magnuson type operation	1	
23455	Capsulorrhaphy, anterior; with labral repair (eg, Bankart procedure)	1	
23460	Capsulorrhaphy, anterior, any type; with bone block	1	
23462	Capsulorrhaphy, anterior, any type; with coracoid process transfer	1	
23465	Capsulorrhaphy, glenohumeral joint, posterior, with or without bone block	1	
23466	Capsulorrhaphy, glenohumeral joint, any type multi-directional instability	1	
23470	Arthroplasty, glenohumeral joint; hemiarthroplasty	1	4
23472	Arthroplasty, glenohumeral joint; total shoulder (glenoid and proximal humeral replacement (eg, total shoulder))	1	4
23473	Revision of total shoulder arthroplasty, including allograft when performed; humeral or glenoid component	1	4
23474	Revision of total shoulder arthroplasty, including allograft when performed; humeral and glenoid component	1	4
23480	Osteotomy, clavicle, with or without internal fixation;	1	
23485	Osteotomy, clavicle, with or without internal fixation; with bone graft for nonunion or malunion (includes obtaining graft and/or necessary fixation)	1	
23530	Open treatment of sternoclavicular dislocation, acute or chronic;	1	
23532	Open treatment of sternoclavicular dislocation, acute or chronic; with fascial graft (includes obtaining graft)	1	
23550	Open treatment of acromioclavicular dislocation, acute or chronic;	1	
23552	Open treatment of acromioclavicular dislocation, acute or chronic; with fascial graft (includes obtaining graft)	1	
23630	Open treatment of greater humeral tuberosity fracture, includes internal fixation, when performed	1	
23660	Open treatment of acute shoulder dislocation	1	

23670	Open treatment of shoulder dislocation, with fracture of greater humeral tuberosity, includes internal fixation, when performed	1	
23800	Arthrodesis, glenohumeral joint;	1	
23802	Arthrodesis, glenohumeral joint; with autogenous graft (includes obtaining graft)	1	
24301	Muscle or tendon transfer, any type, upper arm or elbow, single (excluding 24320- 24331)	1	
24341	Repair, tendon or muscle, upper arm or elbow, each tendon or muscle, primary or secondary (excludes rotator cuff)	1	
24342	Reinsertion of ruptured biceps or triceps tendon, distal, with or without tendon graft	1	
24345	Repair medial collateral ligament, elbow, with local tissue	1	
24346	Reconstruction medial collateral ligament, elbow, with tendon graft (includes harvesting of graft)	1	
24800	Arthrodesis, elbow joint; local	1	
24802	Arthrodesis, elbow joint; with autogenous graft (includes obtaining graft)	1	
27332	Arthrotomy, with excision of semilunar cartilage (meniscectomy) knee; medial OR lateral	1	
27333	Arthrotomy, with excision of semilunar cartilage (meniscectomy) knee; medial AND lateral	1	
27334	Arthrotomy, with synovectomy, knee; anterior OR posterior	1	
27335	Arthrotomy, with synovectomy, knee; anterior AND posterior including popliteal area	1	
27345	Excision of synovial cyst of popliteal space (eg, Baker's cyst)	1	
27380	Suture of infrapatellar tendon; primary	1	
27381	Suture of infrapatellar tendon; secondary reconstruction, including fascial or tendon graft	1	
27385	Suture of quadriceps or hamstring muscle rupture; primary	1	
27386	Suture of quadriceps or hamstring muscle rupture; secondary reconstruction, including fascial or tendon graft	1	
27403	Arthrotomy with meniscus repair, knee	1	
27405	Repair, primary, torn ligament and/or capsule, knee; collateral	1	

27407	Repair, primary, torn ligament and/or capsule, knee; cruciate	1	
27409	Repair, primary, torn ligament and/or capsule, knee; collateral and cruciate ligaments	1	
27412	Autologous chondrocyte implantation, knee	1	
27415	Osteochondral allograft, knee, open	1	
27418	Anterior tibial tubercleplasty (eg, Maquet type procedure)	1	
27420	Reconstruction of dislocating patella; (eg, Hauser type procedure)	1	
27422	Reconstruction of dislocating patella; with extensor realignment and/or muscle advancement or release (eg, Campbell, Goldwaite type procedure)	1	
27424	Reconstruction of dislocating patella; with patellectomy	1	
27425	Lateral retinacular release, open	1	
27427	Ligamentous reconstruction (augmentation), knee; extra-articular	1	
27428	Ligamentous reconstruction (augmentation), knee; intra-articular (open)	1	
27429	Ligamentous reconstruction (augmentation), knee; intra-articular (open) and extra- articular	1	
27430	Quadricepsplasty (eg, Bennett or Thompson type)	1	
27435	Capsulotomy, posterior capsular release, knee	1	
27450	Osteotomy, femur, shaft or supracondylar; with fixation	1	
27455	Osteotomy, proximal tibia, including fibular excision or osteotomy (includes correction of genu varus [bowleg] or genu valgus [knock-knee]); before epiphyseal closure	1	
27457	Osteotomy, proximal tibia, including fibular excision or osteotomy (includes correction of genu varus [bowleg] or genu valgus [knock-knee]); after epiphyseal closure	1	
27540	Open treatment of intercondylar spine(s) and/or tuberosity fracture(s) of the knee, includes internal fixation, when performed	1	
27556	Open treatment of knee dislocation, includes internal fixation, when performed; without primary ligamentous repair or augmentation/reconstruction	1	
27557	Open treatment of knee dislocation, includes internal fixation, when performed; with primary ligamentous repair	1	

27558	Open treatment of knee dislocation, includes internal fixation, when performed; with primary ligamentous repair, with augmentation/reconstruction	1	
27566	Open treatment of patellar dislocation, with or without partial or total patellectomy	1	
27650	Repair, primary, open or percutaneous, ruptured Achilles tendon;	1	
27652	Repair, primary, open or percutaneous, ruptured Achilles tendon; with graft (includes obtaining graft)	1	
27654	Repair, secondary, Achilles tendon, with or without graft	1	
27832	Open treatment of proximal tibiofibular joint dislocation, includes internal fixation, when performed, or with excision of proximal fibula	1	
27871	Arthrodesis, tibiofibular joint, proximal or distal	1	
29805	Arthroscopy, shoulder, diagnostic, with or without synovial biopsy (separate procedure)	1	1
29806	Arthroscopy, shoulder, surgical; capsulorrhaphy	1	1
29807	Arthroscopy, shoulder, surgical; repair of SLAP lesion	1	1
29819	Arthroscopy, shoulder, surgical; with removal of loose body or foreign body	1	1
29820	Arthroscopy, shoulder, surgical; synovectomy, partial	1	1
29821	Arthroscopy, shoulder, surgical; synovectomy, complete	1	1
29822	Arthroscopy, shoulder, surgical; debridement, limited	1	1
29823	Arthroscopy, shoulder, surgical; debridement, extensive	1	1
29824	Arthroscopy, shoulder, surgical; distal claviclectomy including distal articular surface (Mumford procedure)	1	1
29825	Arthroscopy, shoulder, surgical; with lysis and resection of adhesions, with or without manipulation	1	1
29826	Arthroscopy, shoulder, surgical; decompression of subacromial space with partial acromioplasty, with coracoacromial ligament (ie, arch) release, when performed (List separately in addition to code for primary procedure)	1	1
29827	Arthroscopy, shoulder, surgical; with rotator cuff repair	1	1
29828	Arthroscopy, shoulder, surgical; biceps tenodesis	1	1

29830	Arthroscopy, elbow, diagnostic, with or without synovial biopsy (separate procedure)	1	
29834	Arthroscopy, elbow, surgical; with removal of loose body or foreign body	1	
29835	Arthroscopy, elbow, surgical; synovectomy, partial	1	
29836	Arthroscopy, elbow, surgical; synovectomy, complete	1	
29837	Arthroscopy, elbow, surgical; debridement, limited	1	
29838	Arthroscopy, elbow, surgical; debridement, extensive	1	
29850	Arthroscopically aided treatment of intercondylar spine(s) and/or tuberosity fracture(s) of the knee, with or without manipulation; without internal or external fixation (includes arthroscopy)	1	3
29851	Arthroscopically aided treatment of intercondylar spine(s) and/or tuberosity fracture(s) of the knee, with or without manipulation; with internal or external fixation (includes arthroscopy)	1	3
29855	Arthroscopically aided treatment of tibial fracture, proximal (plateau); unicondylar, includes internal fixation, when performed (includes arthroscopy)	1	3
29856	Arthroscopically aided treatment of tibial fracture, proximal (plateau); bicondylar, includes internal fixation, when performed (includes arthroscopy)	1	3
29860	Arthroscopy, hip, diagnostic with or without synovial biopsy (separate procedure)	1	2
29861	Arthroscopy, hip, surgical; with removal of loose body or foreign body	1	2
29862	Arthroscopy, hip, surgical; with debridement/shaving of articular cartilage (chondroplasty), abrasion arthroplasty, and/or resection of labrum	1	2
29863	Arthroscopy, hip, surgical; with synovectomy	1	2
29866	Arthroscopy, knee, surgical; osteochondral autograft(s) (eg, mosaicplasty) (includes harvesting of the autograft[s])	1	3
29867	Arthroscopy, knee, surgical; osteochondral allograft (eg, mosaicplasty)	1	3
29868	Arthroscopy, knee, surgical; meniscal transplantation (includes arthrotomy for meniscal insertion), medial or lateral	1	3
29870	Arthroscopy, knee, diagnostic, with or without synovial biopsy (separate procedure)	1	3
29871	Arthroscopy, knee, surgical; for infection, lavage and drainage	1	3
29873	Arthroscopy, knee, surgical; with lateral release	1	3
29874	Arthroscopy, knee, surgical; for removal of loose body or foreign body (eg, osteochondritis dissecans fragmentation, chondral fragmentation)	1	3

29875	Arthroscopy, knee, surgical; synovectomy, limited (eg, plica or shelf resection) (separate procedure)	1	3
29876	Arthroscopy, knee, surgical; synovectomy, major, 2 or more compartments (eg, medial or lateral)	1	3
29877	Arthroscopy, knee, surgical; debridement/shaving of articular cartilage (chondroplasty)	1	3
29879	Arthroscopy, knee, surgical; abrasion arthroplasty (includes chondroplasty where necessary) or multiple drilling or microfracture	1	3
29880	Arthroscopy, knee, surgical; with meniscectomy (medial AND lateral, including any meniscal shaving) including debridement/shaving of articular cartilage (chondroplasty), same or separate compartment(s), when performed	1	3
29881	Arthroscopy, knee, surgical; with meniscectomy (medial OR lateral, including any meniscal shaving) including debridement/shaving of articular cartilage (chondroplasty), same or separate compartment(s), when performed	1	3
29882	Arthroscopy, knee, surgical; with meniscus repair (medial OR lateral)	1	3
29883	Arthroscopy, knee, surgical; with meniscus repair (medial AND lateral)	1	3
29884	Arthroscopy, knee, surgical; with lysis of adhesions, with or without manipulation (separate procedure)	1	3
29885	Arthroscopy, knee, surgical; drilling for osteochondritis dissecans with bone grafting, with or without internal fixation (including debridement of base of lesion)	1	3
29886	Arthroscopy, knee, surgical; drilling for intact osteochondritis dissecans lesion	1	3
29887	Arthroscopy, knee, surgical; drilling for intact osteochondritis dissecans lesion with internal fixation	1	3
29888	Arthroscopically aided anterior cruciate ligament repair/augmentation or reconstruction	1	3
29889	Arthroscopically aided posterior cruciate ligament repair/augmentation or reconstruction	1	3
29891	Arthroscopy, ankle, surgical, excision of osteochondral defect of talus and/or tibia, including drilling of the defect	1	
29892	Arthroscopically aided repair of large osteochondritis dissecans lesion, talar dome fracture, or tibial plafond fracture, with or without internal fixation (includes arthroscopy)	1	
29894	Arthroscopy, ankle (tibiotalar and fibulotalar joints), surgical; with removal of loose body or foreign body	1	
29895	Arthroscopy, ankle (tibiotalar and fibulotalar joints), surgical; synovectomy, partial	1	
29897	Arthroscopy, ankle (tibiotalar and fibulotalar joints), surgical; debridement, limited	1	
29898	Arthroscopy, ankle (tibiotalar and fibulotalar joints), surgical; debridement, extensive	1	

29899	Arthroscopy, ankle (tibiotalar and fibulotalar joints), surgical; with ankle arthrodesis	1	
29904	Arthroscopy, subtalar joint, surgical; with removal of loose body or foreign body	1	
29905	Arthroscopy, subtalar joint, surgical; with synovectomy	1	
29906	Arthroscopy, subtalar joint, surgical; with debridement	1	
29907	Arthroscopy, subtalar joint, surgical; with subtalar arthrodesis	1	
29914	Arthroscopy, hip, surgical; with femoroplasty (ie, treatment of cam lesion)	1	2
29915	Arthroscopy, hip, surgical; with acetabuloplasty (ie, treatment of pincer lesion)	1	2
29916	Arthroscopy, hip, surgical; with labral repair	1	2
10180	Incision and drainage, complex, postoperative wound infection	2	
20103	Exploration of penetrating wound (separate procedure); extremity	2	
20650	Insertion of wire or pin with application of skeletal traction, including removal (separate procedure)	2	
20670	Removal of implant; superficial (eg, buried wire, pin or rod) (separate procedure)	2	
20680	Removal of implant; deep (eg, buried wire, pin, screw, metal band, nail, rod or plate)	2	
20690	Application of a uniplane (pins or wires in 1 plane), unilateral, external fixation system	2	
20692	Application of a multiplane (pins or wires in more than 1 plane), unilateral, external fixation system (eg, Ilizarov, Monticelli type)	2	
20693	Adjustment or revision of external fixation system requiring anesthesia (eg, new pin[s] or wire[s] and/or new ring[s] or bar[s])	2	
20696	Application of multiplane (pins or wires in more than 1 plane), unilateral, external fixation with stereotactic computer-assisted adjustment (eg, spatial frame), including imaging; initial and subsequent alignment(s), assessment(s), and computation(s) of adjustment schedule(s)	2	
20696	Application of multiplane (pins or wires in more than 1 plane), unilateral, external fixation with stereotactic computer-assisted adjustment (eg, spatial frame), including imaging; initial and subsequent alignment(s), assessment(s), and computation(s) of adjustment schedule(s)	2	
20697	Application of multiplane (pins or wires in more than 1 plane), unilateral, external fixation with stereotactic computer-assisted adjustment (eg, spatial frame), including imaging; exchange (ie, removal and replacement) of strut, each	2	

20697	Application of multiplane (pins or wires in more than 1 plane), unilateral, external fixation with stereotactic computer-assisted adjustment (eg, spatial frame), including imaging; exchange (ie, removal and replacement) of strut, each	2	
23030	Incision and drainage, shoulder area; deep abscess or hematoma	2	
23031	Incision and drainage, shoulder area; infected bursa	2	
23035	Incision, bone cortex (eg, osteomyelitis or bone abscess), shoulder area	2	
23040	Arthrotomy, glenohumeral joint, including exploration, drainage, or removal of foreign body	2	
23044	Arthrotomy, acromioclavicular, sternoclavicular joint, including exploration, drainage, or removal of foreign body	2	
23065	Biopsy, soft tissue of shoulder area; superficial	2	
23066	Biopsy, soft tissue of shoulder area; deep	2	
23071	Excision, tumor, soft tissue of shoulder area, subcutaneous; 3 cm or greater	2	
23100	Arthrotomy, glenohumeral joint, including biopsy	2	
23101	Arthrotomy, acromioclavicular joint or sternoclavicular joint, including biopsy and/or excision of torn cartilage	2	
23105	Arthrotomy; glenohumeral joint, with synovectomy, with or without biopsy	2	
23106	Arthrotomy; sternoclavicular joint, with synovectomy, with or without biopsy	2	
23107	Arthrotomy, glenohumeral joint, with joint exploration, with or without removal of loose or foreign body	2	
23120	Claviculectomy; partial	2	
23125	Claviculectomy; total	2	
23140	Excision or curettage of bone cyst or benign tumor of clavicle or scapula;	2	
23170	Sequestrectomy (eg, for osteomyelitis or bone abscess), clavicle	2	
23172	Sequestrectomy (eg, for osteomyelitis or bone abscess), scapula	2	

23174	Sequestrectomy (eg, for osteomyelitis or bone abscess), humeral head to surgical neck	2	
23180	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), clavicle	2	
23182	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), scapula	2	
23184	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), proximal humerus	2	
23330	Removal of foreign body, shoulder; subcutaneous	2	
23333	Removal of foreign body, shoulder; deep (subfascial or intramuscular)	2	
23515	Open treatment of clavicular fracture, includes internal fixation, when performed	2	
23585	Open treatment of scapular fracture (body, glenoid or acromion) includes internal fixation, when performed	2	
23615	Open treatment of proximal humeral (surgical or anatomical neck) fracture, includes internal fixation, when performed, includes repair of tuberosity(s), when performed;	2	
23616	Open treatment of proximal humeral (surgical or anatomical neck) fracture, includes internal fixation, when performed, includes repair of tuberosity(s), when performed; with proximal humeral prosthetic replacement	2	
23680	Open treatment of shoulder dislocation, with surgical or anatomical neck fracture, includes internal fixation, when performed	2	
23930	Incision and drainage, upper arm or elbow area; deep abscess or hematoma	2	
23931	Incision and drainage, upper arm or elbow area; bursa	2	
23935	Incision, deep, with opening of bone cortex (eg, for osteomyelitis or bone abscess), humerus or elbow	2	
24000	Arthrotomy, elbow, including exploration, drainage, or removal of foreign body	2	
24006	Arthrotomy of the elbow, with capsular excision for capsular release (separate procedure)	2	
24101	Arthrotomy, elbow; with joint exploration, with or without biopsy, with or without removal of loose or foreign body	2	
24102	Arthrotomy, elbow; with synovectomy	2	

24105	Excision, olecranon bursa	2	
24134	Sequestrectomy (eg, for osteomyelitis or bone abscess), shaft or distal humerus	2	
24136	Sequestrectomy (eg, for osteomyelitis or bone abscess), radial head or neck	2	
24138	Sequestrectomy (eg, for osteomyelitis or bone abscess), olecranon process	2	
24140	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), humerus	2	
24145	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), radial head or neck	2	
24147	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), olecranon process	2	
24149	Radical resection of capsule, soft tissue, and heterotopic bone, elbow, with contracture release (separate procedure)	2	
24150	Radical resection of tumor, shaft or distal humerus	2	
24152	Radical resection of tumor, radial head or neck	2	
24155	Resection of elbow joint (arthrectomy)	2	
24200	Removal of foreign body, upper arm or elbow area; subcutaneous	2	
24201	Removal of foreign body, upper arm or elbow area; deep (subfascial or intramuscular)	2	
24300	Manipulation, elbow, under anesthesia	2	
24343	Repair lateral collateral ligament, elbow, with local tissue	2	
24344	Reconstruction lateral collateral ligament, elbow, with tendon graft (includes harvesting of graft)	2	
24357	Tenotomy, elbow, lateral or medial (eg, epicondylitis, tennis elbow, golfer's elbow); percutaneous	2	
24358	Tenotomy, elbow, lateral or medial (eg, epicondylitis, tennis elbow, golfer's elbow); debridement, soft tissue and/or bone, open	2	
24359	Tenotomy, elbow, lateral or medial (eg, epicondylitis, tennis elbow, golfer's elbow); debridement, soft tissue and/or bone, open with tendon repair or reattachment	2	

24365	Arthroplasty, radial head;	2	
24366	Arthroplasty, radial head; with implant	2	
24430	Repair of nonunion or malunion, humerus; without graft (eg, compression technique)	2	
24435	Repair of nonunion or malunion, humerus; with iliac or other autograft (includes	2	
24515	Open treatment of humeral shaft fracture with plate/screws, with or without cerclage	2	
24516	Treatment of humeral shaft fracture, with insertion of intramedullary implant, with or without cerclage and/or locking screws	2	
24538	Percutaneous skeletal fixation of supracondylar or transcondylar humeral fracture, with or without intercondylar extension	2	
24545	Open treatment of humeral supracondylar or transcondylar fracture, includes internal fixation, when performed; without intercondylar extension	2	
24546	Open treatment of humeral supracondylar or transcondylar fracture, includes internal fixation, when performed; with intercondylar extension	2	
24566	Percutaneous skeletal fixation of humeral epicondylar fracture, medial or lateral, with manipulation	2	
24575	Open treatment of humeral epicondylar fracture, medial or lateral, includes internal fixation, when performed	2	
24579	Open treatment of humeral condylar fracture, medial or lateral, includes internal fixation, when performed	2	
24582	Percutaneous skeletal fixation of humeral condylar fracture, medial or lateral, with manipulation	2	
24586	Open treatment of periarticular fracture and/or dislocation of the elbow (fracture distal humerus and proximal ulna and/or proximal radius);	2	
24587	Open treatment of periarticular fracture and/or dislocation of the elbow (fracture distal humerus and proximal ulna and/or proximal radius); with implant arthroplasty	2	
24615	Open treatment of acute or chronic elbow dislocation	2	
24635	Open treatment of Monteggia type of fracture dislocation at elbow (fracture proximal end of ulna with dislocation of radial head), includes internal fixation, when performed	2	
24665	Open treatment of radial head or neck fracture, includes internal fixation or radial head excision, when performed;	2	
24666	Open treatment of radial head or neck fracture, includes internal fixation or radial head excision, when performed; with radial head prosthetic replacement	2	
24685	Open treatment of ulnar fracture, proximal end (eg, olecranon or coronoid process [es]), includes internal fixation, when performed	2	

25020	Decompression fasciotomy, forearm and/or wrist, flexor OR extensor compartment; without debridement of nonviable muscle and/or nerve	2	
25023	Decompression fasciotomy, forearm and/or wrist, flexor OR extensor compartment; with debridement of nonviable muscle and/or nerve	2	
25024	Decompression fasciotomy, forearm and/or wrist, flexor AND extensor compartment; without debridement of nonviable muscle and/or nerve	2	
25025	Decompression fasciotomy, forearm and/or wrist, flexor AND extensor compartment; with debridement of nonviable muscle and/or nerve	2	
25028	Incision and drainage, forearm and/or wrist; deep abscess or hematoma	2	
25031	Incision and drainage, forearm and/or wrist; bursa	2	
25035	Incision, deep, bone cortex, forearm and/or wrist (eg, osteomyelitis or bone abscess)	2	
25515	Open treatment of radial shaft fracture, includes internal fixation, when performed	2	
25525	Open treatment of radial shaft fracture, includes internal fixation, when performed, and closed treatment of distal radioulnar joint dislocation (Galeazzi fracture/ dislocation), includes percutaneous skeletal fixation, when performed	2	
25526	Open treatment of radial shaft fracture, includes internal fixation, when performed, and open treatment of distal radioulnar joint dislocation (Galeazzi fracture/ dislocation), includes internal fixation, when performed, includes repair of triangular fibrocartilage complex	2	
25545	Open treatment of ulnar shaft fracture, includes internal fixation, when performed	2	
25574	Open treatment of radial AND ulnar shaft fractures, with internal fixation, when performed; of radius OR ulna	2	
25575	Open treatment of radial AND ulnar shaft fractures, with internal fixation, when performed; of radius AND ulna	2	
26990	Incision and drainage, pelvis or hip joint area; deep abscess or hematoma	2	
26991	Incision and drainage, pelvis or hip joint area; infected bursa	2	
26992	Incision, bone cortex, pelvis and/or hip joint (eg, osteomyelitis or bone abscess)	2	
27025	Fasciotomy, hip or thigh, any type	2	
27027	Decompression fasciotomy(ies), pelvic (buttock) compartment(s) (eg, gluteus medius-minimus, gluteus maximus, iliopsoas, and/or tensor fascia lata muscle), unilateral	2	
27030	Arthrotomy, hip, with drainage (eg, infection)	2	
27033	Arthrotomy, hip, including exploration or removal of loose or foreign body	2	
27086	Removal of foreign body, pelvis or hip; subcutaneous tissue	2	

27087	Removal of foreign body, pelvis or hip; deep (subfascial or intramuscular)	2	
27125	Hemiarthroplasty, hip, partial (eg, femoral stem prosthesis, bipolar arthroplasty)	2	
27202	Open treatment of coccygeal fracture	2	
27215	Open treatment of iliac spine(s), tuberosity avulsion, or iliac wing fracture(s), unilateral, for pelvic bone fracture patterns that do not disrupt the pelvic ring, includes internal fixation, when performed	2	
27216	Percutaneous skeletal fixation of posterior pelvic bone fracture and/or dislocation, for fracture patterns that disrupt the pelvic ring, unilateral (includes ipsilateral ilium, sacroiliac joint and/or sacrum)	2	
27217	Open treatment of anterior pelvic bone fracture and/or dislocation for fracture patterns that disrupt the pelvic ring, unilateral, includes internal fixation, when performed (includes pubic symphysis and/or ipsilateral superior/inferior rami)	2	
27218	Open treatment of posterior pelvic bone fracture and/or dislocation, for fracture patterns that disrupt the pelvic ring, unilateral, includes internal fixation, when performed (includes ipsilateral ilium, sacroiliac joint and/or sacrum)	2	
27226	Open treatment of posterior or anterior acetabular wall fracture, with internal fixation	2	
27227	Open treatment of acetabular fracture(s) involving anterior or posterior (one) column, or a fracture running transversely across the acetabulum, with internal fixation	2	
27228	Open treatment of acetabular fracture(s) involving anterior and posterior (two) columns, includes T-fracture and both column fracture with complete articular detachment, or single column or transverse fracture with associated acetabular wall fracture, with internal fixation	2	
27235	Percutaneous skeletal fixation of femoral fracture, proximal end, neck	2	
27236	Open treatment of femoral fracture, proximal end, neck, internal fixation or prosthetic replacement	2	
27244	Treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with plate/screw type implant, with or without cerclage	2	
27245	Treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with intramedullary implant, with or without interlocking screws and/or cerclage	2	
27248	Open treatment of greater trochanteric fracture, includes internal fixation, when performed	2	
27253	Open treatment of hip dislocation, traumatic, without internal fixation	2	
27254	Open treatment of hip dislocation, traumatic, with acetabular wall and femoral head fracture, with or without internal or external fixation	2	

27280	Arthrodesis, open, sacroiliac joint, including obtaining bone graft, including instrumentation, when performed	2	
27282	Arthrodesis, symphysis pubis (including obtaining graft)	2	
27299	Unlisted procedure, pelvis or hip joint	2	
27301	Incision and drainage, deep abscess, bursa, or hematoma, thigh or knee region	2	
27303	Incision, deep, with opening of bone cortex, femur or knee (eg, osteomyelitis or bone	2	
27305	Fasciotomy, iliotibial (tenotomy), open	2	
27310	Arthrotomy, knee, with exploration, drainage, or removal of foreign body (eg, infection)	2	
27331	Arthrotomy, knee; including joint exploration, biopsy, or removal of loose or foreign bodies	2	
27340	Excision, prepatellar bursa	2	
27350	Patellectomy or hemipatellectomy	2	
27448	Osteotomy, femur, shaft or supracondylar; without fixation	2	
27454	Osteotomy, multiple, with realignment on intramedullary rod, femoral shaft (eg, Sofield type procedure)	2	
27465	Osteoplasty, femur; shortening (excluding 64876)	2	
27466	Osteoplasty, femur; lengthening	2	
27468	Osteoplasty, femur; combined, lengthening and shortening with femoral segment transfer	2	
27470	Repair, nonunion or malunion, femur, distal to head and neck; without graft (eg, compression technique)	2	
27472	Repair, nonunion or malunion, femur, distal to head and neck; with iliac or other autogenous bone graft (includes obtaining graft)	2	
27496	Decompression fasciotomy, thigh and/or knee, 1 compartment (flexor or extensor or adductor);	2	
27497	Decompression fasciotomy, thigh and/or knee, 1 compartment (flexor or extensor or adductor); with debridement of nonviable muscle and/or nerve	2	

27498	Decompression fasciotomy, thigh and/or knee, multiple compartments;	2	
27499	Decompression fasciotomy, thigh and/or knee, multiple compartments; with debridement of nonviable muscle and/or nerve	2	
27502	Closed treatment of femoral shaft fracture, with manipulation, with or without skin or skeletal traction	2	
27503	Closed treatment of supracondylar or transcondylar femoral fracture with or without intercondylar extension, with manipulation, with or without skin or skeletal traction	2	
27506	Open treatment of femoral shaft fracture, with or without external fixation, with insertion of intramedullary implant, with or without cerclage and/or locking screws	2	
27507	Open treatment of femoral shaft fracture with plate/screws, with or without cerclage	2	
27509	Percutaneous skeletal fixation of femoral fracture, distal end, medial or lateral condyle, or supracondylar or transcondylar, with or without intercondylar extension, or distal femoral epiphyseal separation	2	
27510	Closed treatment of femoral fracture, distal end, medial or lateral condyle, with manipulation	2	
27511	Open treatment of femoral supracondylar or transcondylar fracture without intercondylar extension, includes internal fixation, when performed	2	
27513	Open treatment of femoral supracondylar or transcondylar fracture with intercondylar extension, includes internal fixation, when performed	2	
27514	Open treatment of femoral fracture, distal end, medial or lateral condyle, includes internal fixation, when performed	2	
27517	Closed treatment of distal femoral epiphyseal separation; with manipulation, with or without skin or skeletal traction	2	
27524	Open treatment of patellar fracture, with internal fixation and/or partial or complete patellectomy and soft tissue repair	2	
27535	Open treatment of tibial fracture, proximal (plateau); unicondylar, includes internal fixation, when performed	2	
27536	Open treatment of tibial fracture, proximal (plateau); bicondylar, with or without internal fixation	2	
27580	Arthrodesis, knee, any technique	2	
27590	Amputation, thigh, through femur, any level;	2	

27591	Amputation, thigh, through femur, any level; immediate fitting technique including first cast	2	
27592	Amputation, thigh, through femur, any level; open, circular (guillotine)	2	
27594	Amputation, thigh, through femur, any level; secondary closure or scar revision	2	
27596	Amputation, thigh, through femur, any level; re-amputation	2	
27598	Disarticulation at knee	2	
27620	Arthrotomy, ankle, with joint exploration, with or without biopsy, with or without removal of loose or foreign body	2	
27625	Arthrotomy, with synovectomy, ankle;	2	
27656	Repair, fascial defect of leg	2	
27722	Repair of nonunion or malunion, tibia; with sliding graft	2	
27724	Repair of nonunion or malunion, tibia; with iliac or other autograft (includes obtaining graft)	2	
27725	Repair of nonunion or malunion, tibia; by synostosis, with fibula, any method	2	
27726	Repair of fibula nonunion and/or malunion with internal fixation	2	
27727	Repair of congenital pseudarthrosis, tibia	2	
27745	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate, tibia	2	
27756	Percutaneous skeletal fixation of tibial shaft fracture (with or without fibular fracture) (eg, pins or screws)	2	
27758	Open treatment of tibial shaft fracture (with or without fibular fracture), with plate/screws, with or without cerclage	2	
27759	Treatment of tibial shaft fracture (with or without fibular fracture) by intramedullary implant, with or without interlocking screws and/or cerclage	2	
27766	Open treatment of medial malleolus fracture, includes internal fixation, when performed	2	
27769	Open treatment of posterior malleolus fracture, includes internal fixation, when performed	2	
27784	Open treatment of proximal fibula or shaft fracture, includes internal fixation, when performed	2	

27792	Open treatment of distal fibular fracture (lateral malleolus), includes internal fixation, when performed	2	
27814	Open treatment of bimalleolar ankle fracture (eg, lateral and medial malleoli, or lateral and posterior malleoli, or medial and posterior malleoli), includes internal fixation, when performed	2	
27822	Open treatment of trimalleolar ankle fracture, includes internal fixation, when performed, medial and/or lateral malleolus; without fixation of posterior lip	2	
27823	Open treatment of trimalleolar ankle fracture, includes internal fixation, when performed, medial and/or lateral malleolus; with fixation of posterior lip	2	
27826	Open treatment of fracture of weight bearing articular surface/portion of distal tibia (eg, pilon or tibial plafond), with internal fixation, when performed; of fibula only	2	
27827	Open treatment of fracture of weight bearing articular surface/portion of distal tibia (eg, pilon or tibial plafond), with internal fixation, when performed; of tibia only	2	
27828	Open treatment of fracture of weight bearing articular surface/portion of distal tibia (eg, pilon or tibial plafond), with internal fixation, when performed; of both tibia and fibula	2	
27829	Open treatment of distal tibiofibular joint (syndesmosis) disruption, includes internal fixation, when performed	2	
27846	Open treatment of ankle dislocation, with or without percutaneous skeletal fixation; without repair or internal fixation	2	
27848	Open treatment of ankle dislocation, with or without percutaneous skeletal fixation; with repair or internal or external fixation	2	
27880	Amputation, leg, through tibia and fibula;	2	
27881	Amputation, leg, through tibia and fibula; with immediate fitting technique including application of first cast	2	
27882	Amputation, leg, through tibia and fibula; open, circular (guillotine)	2	
27884	Amputation, leg, through tibia and fibula; secondary closure or scar revision	2	
27886	Amputation, leg, through tibia and fibula; re-amputation	2	
27888	Amputation, ankle, through malleoli of tibia and fibula (eg, Syme, Pirogoff type procedures), with plastic closure and resection of nerves	2	
27889	Ankle disarticulation	2	
27892	Decompression fasciotomy, leg; anterior and/or lateral compartments only, with debridement of nonviable muscle and/or nerve	2	
27893	Decompression fasciotomy, leg; posterior compartment(s) only, with debridement of nonviable muscle and/or nerve	2	

27894	Decompression fasciotomy, leg; anterior and/or lateral, and posterior compartment(s), with debridement of nonviable muscle and/or nerve	2	
28001	Incision and drainage, bursa, foot	2	
28002	Incision and drainage below fascia, with or without tendon sheath involvement, foot; single bursal space	2	
28003	Incision and drainage below fascia, with or without tendon sheath involvement, foot; multiple areas	2	
28005	Incision, bone cortex (eg, osteomyelitis or bone abscess), foot	2	
28008	Fasciotomy, foot and/or toe	2	
28190	Removal of foreign body, foot; subcutaneous	2	
28192	Removal of foreign body, foot; deep	2	
28193	Removal of foreign body, foot; complicated	2	
28800	Amputation, foot; midtarsal (eg, Chopart type procedure)	2	
28805	Amputation, foot; transmetatarsal	2	
28810	Amputation, metatarsal, with toe, single	2	
28820	Amputation, toe; metatarsophalangeal joint	2	
28825	Amputation, toe; interphalangeal joint	2	
27372	Removal of foreign body, deep, thigh region or knee area	2	
27090	Removal of hip prosthesis; (separate procedure)	3	5
27091	Removal of hip prosthesis; complicated, including total hip prosthesis, methylmethacrylate with or without insertion of spacer	3	5
27122	Acetabuloplasty; resection, femoral head (eg, Girdlestone procedure)	3	5

27130	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft	3	5
27132	Conversion of previous hip surgery to total hip arthroplasty, with or without autograft or allograft	3	5
27134	Revision of total hip arthroplasty; both components, with or without autograft or allograft	3	5
27137	Revision of total hip arthroplasty; acetabular component only, with or without autograft or allograft	3	5
27138	Revision of total hip arthroplasty; femoral component only, with or without allograft	3	5
27284	Arthrodesis, hip joint (including obtaining graft);	3	5
27437	Arthroplasty, patella; without prosthesis	3	6
27438	Arthroplasty, patella; with prosthesis	3	6
27440	Arthroplasty, knee, tibial plateau;	3	6
27441	Arthroplasty, knee, tibial plateau; with debridement and partial synovectomy	3	6
27442	Arthroplasty, femoral condyles or tibial plateau(s), knee;	3	6
27443	Arthroplasty, femoral condyles or tibial plateau(s), knee; with debridement and partial synovectomy	3	6
27445	Arthroplasty, knee, hinge prosthesis (eg, Walldius type)	3	6
27446	Arthroplasty, knee, condyle and plateau; medial OR lateral compartment	3	6
27447	Arthroplasty, knee, condyle and plateau; medial AND lateral compartments with or without patella resurfacing (total knee arthroplasty)	3	6
27486	Revision of total knee arthroplasty, with or without allograft; 1 component	3	6
27487	Revision of total knee arthroplasty, with or without allograft; femoral and entire tibial component	3	6
27488	Removal of prosthesis, including total knee prosthesis, methylmethacrylate with or without insertion of spacer, knee	3	6
11045	Debridement, subcutaneous tissue (includes epidermis and dermis, if performed); each additional 20 sq cm, or part thereof (List separately in addition to code for primary procedure)	4	

11046	Debridement, muscle and/or fascia (includes epidermis, dermis, and subcutaneous tissue, if performed); each additional 20 sq cm, or part thereof (List separately in addition to code for primary procedure)	4	
11047	Debridement, bone (includes epidermis, dermis, subcutaneous tissue, muscle and/or fascia, if performed); each additional 20 sq cm, or part thereof (List separately in addition to code for primary procedure)	4	
20150	Excision of epiphyseal bar, with or without autogenous soft tissue graft obtained through same fascial incision	4	
20205	Biopsy, muscle; deep	4	
20206	Biopsy, muscle, percutaneous needle	4	
20220	Biopsy, bone, trocar, or needle; superficial (eg, ilium, sternum, spinous process, ribs)	4	
20225	Biopsy, bone, trocar, or needle; deep (eg, vertebral body, femur)	4	
20240	Biopsy, bone, open; superficial (eg, ilium, sternum, spinous process, ribs, trochanter of femur)	4	
20245	Biopsy, bone, open; deep (eg, humerus, ischium, femur)	4	
20665	Removal of tongs or halo applied by another individual	4	
20696	Application of multiplane (pins or wires in more than 1 plane), unilateral, external fixation with stereotactic computer-assisted adjustment (eg, spatial frame), including imaging; initial and subsequent alignment(s), assessment(s), and computation(s) of adjustment schedule(s)	4	
20697	Application of multiplane (pins or wires in more than 1 plane), unilateral, external fixation with stereotactic computer-assisted adjustment (eg, spatial frame), including imaging; exchange (ie, removal and replacement) of strut, each	4	
20802	Replantation, arm (includes surgical neck of humerus through elbow joint), complete amputation	4	
20805	Replantation, forearm (includes radius and ulna to radial carpal joint), complete amputation	4	
20808	Replantation, hand (includes hand through metacarpophalangeal joints), complete amputation	4	
20816	Replantation, digit, excluding thumb (includes metacarpophalangeal joint to insertion of flexor sublimis tendon), complete amputation	4	
20822	Replantation, digit, excluding thumb (includes distal tip to sublimis tendon insertion), complete amputation	4	
20824	Replantation, thumb (includes carpometacarpal joint to MP joint), complete amputation	4	
20827	Replantation, thumb (includes distal tip to MP joint), complete amputation	4	

20838	Replantation, foot, complete amputation	4	
23073	Excision, tumor, soft tissue of shoulder area, subfascial (eg, intramuscular); 5 cm or greater	4	
23075	Excision, tumor, soft tissue of shoulder area, subcutaneous; less than 3 cm	4	
23076	Excision, tumor, soft tissue of shoulder area, subfascial (eg, intramuscular); less than 5 cm	4	
23077	Radical resection of tumor (eg, sarcoma), soft tissue of shoulder area; less than 5 cm	4	
23078	Radical resection of tumor (eg, sarcoma), soft tissue of shoulder area; 5 cm or greater	4	
23145	Excision or curettage of bone cyst or benign tumor of clavicle or scapula; with autograft (includes obtaining graft)	4	
23146	Excision or curettage of bone cyst or benign tumor of clavicle or scapula; with allograft	4	
23150	Excision or curettage of bone cyst or benign tumor of proximal humerus;	4	
23155	Excision or curettage of bone cyst or benign tumor of proximal humerus; with autograft (includes obtaining graft)	4	
23156	Excision or curettage of bone cyst or benign tumor of proximal humerus; with allograft	4	
23190	Ostectomy of scapula, partial (eg, superior medial angle)	4	
23195	Resection, humeral head	4	
23200	Radical resection of tumor; clavicle	4	
23210	Radical resection of tumor; scapula	4	
23220	Radical resection of tumor, proximal humerus	4	
23490	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; clavicle	4	
23491	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; proximal humerus	4	

23900	Interthoracoscapular amputation (forequarter)	4	
23920	Disarticulation of shoulder;	4	
23921	Disarticulation of shoulder; secondary closure or scar revision	4	
24065	Biopsy, soft tissue of upper arm or elbow area; superficial	4	
24066	Biopsy, soft tissue of upper arm or elbow area; deep (subfascial or intramuscular)	4	
24071	Excision, tumor, soft tissue of upper arm or elbow area, subcutaneous; 3 cm or greater	4	
24073	Excision, tumor, soft tissue of upper arm or elbow area, subfascial (eg, intramuscular); 5 cm or greater	4	
24075	Excision, tumor, soft tissue of upper arm or elbow area, subcutaneous; less than 3 cm	4	
24076	Excision, tumor, soft tissue of upper arm or elbow area, subfascial (eg, intramuscular); less than 5 cm	4	
24077	Radical resection of tumor (eg, sarcoma), soft tissue of upper arm or elbow area; less than 5 cm	4	
24079	Radical resection of tumor (eg, sarcoma), soft tissue of upper arm or elbow area; 5 cm or greater	4	
24100	Arthrotomy, elbow; with synovial biopsy only	4	
24110	Excision or curettage of bone cyst or benign tumor, humerus;	4	
24115	Excision or curettage of bone cyst or benign tumor, humerus; with autograft (includes obtaining graft)	4	
24116	Excision or curettage of bone cyst or benign tumor, humerus; with allograft	4	
24120	Excision or curettage of bone cyst or benign tumor of head or neck of radius or olecranon process;	4	
24125	Excision or curettage of bone cyst or benign tumor of head or neck of radius or olecranon process; with autograft (includes obtaining graft)	4	

24126	Excision or curettage of bone cyst or benign tumor of head or neck of radius or olecranon process; with allograft	4	
24130	Excision, radial head	4	
24160	Removal of prosthesis, includes debridement and synovectomy when performed; humeral and ulnar components	4	
24164	Removal of prosthesis, includes debridement and synovectomy when performed; radial head	4	
24305	Tendon lengthening, upper arm or elbow, each tendon	4	
24310	Tenotomy, open, elbow to shoulder, each tendon	4	
24320	Tenoplasty, with muscle transfer, with or without free graft, elbow to shoulder, single (Seddon-Brookes type procedure)	4	
24330	Flexor-plasty, elbow (eg, Steindler type advancement);	4	
24331	Flexor-plasty, elbow (eg, Steindler type advancement); with extensor advancement	4	
24332	Tenolysis, triceps	4	
24340	Tenodesis of biceps tendon at elbow (separate procedure)	4	
24360	Arthroplasty, elbow; with membrane (eg, fascial)	4	
24361	Arthroplasty, elbow; with distal humeral prosthetic replacement	4	
24362	Arthroplasty, elbow; with implant and fascia lata ligament reconstruction	4	
24363	Arthroplasty, elbow; with distal humerus and proximal ulnar prosthetic replacement (eg, total elbow)	4	
24370	Revision of total elbow arthroplasty, including allograft when performed; humeral or ulnar component	4	
24371	Revision of total elbow arthroplasty, including allograft when performed; humeral and ulnar component	4	
24400	Osteotomy, humerus, with or without internal fixation	4	

24410	Multiple osteotomies with realignment on intramedullary rod, humeral shaft (Sofield type procedure)	4	
24420	Osteoplasty, humerus (eg, shortening or lengthening) (excluding 64876)	4	
24470	Hemiepiphyseal arrest (eg, cubitus varus or valgus, distal humerus)	4	
24495	Decompression fasciotomy, forearm, with brachial artery exploration	4	
24498	Prophylactic treatment (nailing, pinning, plating or wiring), with or without methylmethacrylate, humeral shaft	4	
24900	Amputation, arm through humerus; with primary closure	4	
24920	Amputation, arm through humerus; open, circular (guillotine)	4	
24925	Amputation, arm through humerus; secondary closure or scar revision	4	
24930	Amputation, arm through humerus; re-amputation	4	
24931	Amputation, arm through humerus; with implant	4	
24935	Stump elongation, upper extremity	4	
24940	Cineplasty, upper extremity, complete procedure	4	
25000	Incision, extensor tendon sheath, wrist (eg, deQuervains disease)	4	
25001	Incision, flexor tendon sheath, wrist (eg, flexor carpi radialis)	4	
25040	Arthrotomy, radiocarpal or midcarpal joint, with exploration, drainage, or removal of foreign body	4	
25065	Biopsy, soft tissue of forearm and/or wrist; superficial	4	
25066	Biopsy, soft tissue of forearm and/or wrist; deep (subfascial or intramuscular)	4	
25071	Excision, tumor, soft tissue of forearm and/or wrist area, subcutaneous; 3 cm or greater	4	
25073	Excision, tumor, soft tissue of forearm and/or wrist area, subfascial (eg, intramuscular); 3 cm or greater	4	
25075	Excision, tumor, soft tissue of forearm and/or wrist area, subcutaneous; less than 3 cm	4	

25076	Excision, tumor, soft tissue of forearm and/or wrist area, subfascial (eg, intramuscular); less than 3 cm	4	
25077	Radical resection of tumor (eg, sarcoma), soft tissue of forearm and/or wrist area; less than 3 cm	4	
25078	Radical resection of tumor (eg, sarcoma), soft tissue of forearm and/or wrist area; 3 cm or greater	4	
25085	Capsulotomy, wrist (eg, contracture)	4	
25100	Arthrotomy, wrist joint; with biopsy	4	
25101	Arthrotomy, wrist joint; with joint exploration, with or without biopsy, with or without removal of loose or foreign body	4	
25105	Arthrotomy, wrist joint; with synovectomy	4	
25107	Arthrotomy, distal radioulnar joint including repair of triangular cartilage, complex	4	
25110	Excision, lesion of tendon sheath, forearm and/or wrist	4	
25111	Excision of ganglion, wrist (dorsal or volar); primary	4	
25112	Excision of ganglion, wrist (dorsal or volar); recurrent	4	
25115	Radical excision of bursa, synovia of wrist, or forearm tendon sheaths (eg, tenosynovitis, fungus, Tbc, or other granulomas, rheumatoid arthritis); flexors	4	
25116	Radical excision of bursa, synovia of wrist, or forearm tendon sheaths (eg, tenosynovitis, fungus, Tbc, or other granulomas, rheumatoid arthritis); extensors, with or without transposition of dorsal retinaculum	4	
25118	Synovectomy, extensor tendon sheath, wrist, single compartment;	4	
25119	Synovectomy, extensor tendon sheath, wrist, single compartment; with resection of distal ulna	4	

25120	Excision or curettage of bone cyst or benign tumor of radius or ulna (excluding head or neck of radius and olecranon process);	4	
25125	Excision or curettage of bone cyst or benign tumor of radius or ulna (excluding head or neck of radius and olecranon process); with autograft (includes obtaining graft)	4	
25126	Excision or curettage of bone cyst or benign tumor of radius or ulna (excluding head or neck of radius and olecranon process); with allograft	4	
25130	Excision or curettage of bone cyst or benign tumor of carpal bones;	4	
25135	Excision or curettage of bone cyst or benign tumor of carpal bones; with autograft (includes obtaining graft)	4	
25136	Excision or curettage of bone cyst or benign tumor of carpal bones; with allograft	4	
25145	Sequestrectomy (eg, for osteomyelitis or bone abscess), forearm and/or wrist	4	
25150	Partial excision (craterization, saucerization, or diaphysectomy) of bone (eg, for osteomyelitis); ulna	4	
25151	Partial excision (craterization, saucerization, or diaphysectomy) of bone (eg, for osteomyelitis); radius	4	
25170	Radical resection of tumor, radius or ulna	4	
25210	Carpectomy; 1 bone	4	
25215	Carpectomy; all bones of proximal row	4	
25230	Radial styloidectomy (separate procedure)	4	
25240	Excision distal ulna partial or complete (eg, Darrach type or matched resection)	4	
25248	Exploration with removal of deep foreign body, forearm or wrist	4	
25250	Removal of wrist prosthesis; (separate procedure)	4	
25251	Removal of wrist prosthesis; complicated, including total wrist	4	

25259	Manipulation, wrist, under anesthesia	4	
25260	Repair, tendon or muscle, flexor, forearm and/or wrist; primary, single, each tendon or muscle	4	
25263	Repair, tendon or muscle, flexor, forearm and/or wrist; secondary, single, each tendon or muscle	4	
25265	Repair, tendon or muscle, flexor, forearm and/or wrist; secondary, with free graft (includes obtaining graft), each tendon or muscle	4	
25270	Repair, tendon or muscle, extensor, forearm and/or wrist; primary, single, each tendon or muscle	4	
25272	Repair, tendon or muscle, extensor, forearm and/or wrist; secondary, single, each tendon or muscle	4	
25274	Repair, tendon or muscle, extensor, forearm and/or wrist; secondary, with free graft (includes obtaining graft), each tendon or muscle	4	
25275	Repair, tendon sheath, extensor, forearm and/or wrist, with free graft (includes obtaining graft) (eg, for extensor carpi ulnaris subluxation)	4	
25280	Lengthening or shortening of flexor or extensor tendon, forearm and/or wrist, single, each tendon	4	
25290	Tenotomy, open, flexor or extensor tendon, forearm and/or wrist, single, each tendon	4	
25295	Tenolysis, flexor or extensor tendon, forearm and/or wrist, single, each tendon	4	
25300	Tenodesis at wrist; flexors of fingers	4	
25301	Tenodesis at wrist; extensors of fingers	4	
25310	Tendon transplantation or transfer, flexor or extensor, forearm and/or wrist, single; each tendon	4	
25312	Tendon transplantation or transfer, flexor or extensor, forearm and/or wrist, single; with tendon graft(s) (includes obtaining graft), each tendon	4	
25315	Flexor origin slide (eg, for cerebral palsy, Volkmann contracture), forearm and/or wrist;	4	
25316	Flexor origin slide (eg, for cerebral palsy, Volkmann contracture), forearm and/or wrist; with tendon(s) transfer	4	
25320	Capsulorrhaphy or reconstruction, wrist, open (eg, capsulodesis, ligament repair, tendon transfer or graft) (includes synovectomy, capsulotomy and open reduction) for carpal instability	4	
25332	Arthroplasty, wrist, with or without interposition, with or without external or internal fixation	4	
25335	Centralization of wrist on ulna (eg, radial club hand)	4	

25337	Reconstruction for stabilization of unstable distal ulna or distal radioulnar joint, secondary by soft tissue stabilization (eg, tendon transfer, tendon graft or weave, or tenodesis) with or without open reduction of distal radioulnar joint	4	
25350	Osteotomy, radius; distal third	4	
25355	Osteotomy, radius; middle or proximal third	4	
25360	Osteotomy; ulna	4	
25365	Osteotomy; radius AND ulna	4	
25370	Multiple osteotomies, with realignment on intramedullary rod (Sofield type procedure); radius OR ulna	4	
25375	Multiple osteotomies, with realignment on intramedullary rod (Sofield type procedure); radius AND ulna	4	
25390	Osteoplasty, radius OR ulna; shortening	4	
25391	Osteoplasty, radius OR ulna; lengthening with autograft	4	
25392	Osteoplasty, radius AND ulna; shortening (excluding 64876)	4	
25393	Osteoplasty, radius AND ulna; lengthening with autograft	4	
25394	Osteoplasty, carpal bone, shortening	4	
25400	Repair of nonunion or malunion, radius OR ulna; without graft (eg, compression technique)	4	
25405	Repair of nonunion or malunion, radius OR ulna; with autograft (includes obtaining graft)	4	
25415	Repair of nonunion or malunion, radius AND ulna; without graft (eg, compression technique)	4	
25420	Repair of nonunion or malunion, radius AND ulna; with autograft (includes obtaining graft)	4	
25425	Repair of defect with autograft; radius OR ulna	4	
25426	Repair of defect with autograft; radius AND ulna	4	
25430	Insertion of vascular pedicle into carpal bone (eg, Hori procedure)	4	
25431	Repair of nonunion of carpal bone (excluding carpal scaphoid (navicular)) (includes obtaining graft and necessary fixation), each bone	4	
25440	Repair of nonunion, scaphoid carpal (navicular) bone, with or without radial styloidectomy (includes obtaining graft and necessary fixation)	4	
25441	Arthroplasty with prosthetic replacement; distal radius	4	

25442	Arthroplasty with prosthetic replacement; distal ulna	4	
25443	Arthroplasty with prosthetic replacement; scaphoid carpal (navicular)	4	
25444	Arthroplasty with prosthetic replacement; lunate	4	
25445	Arthroplasty with prosthetic replacement; trapezium	4	
25446	Arthroplasty with prosthetic replacement; distal radius and partial or entire carpus (total wrist)	4	
25447	Arthroplasty, interposition, intercarpal or carpometacarpal joints	4	
25449	Revision of arthroplasty, including removal of implant, wrist joint	4	
25450	Epiphyseal arrest by epiphysiodesis or stapling; distal radius OR ulna	4	
25490	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; radius	4	
25491	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; ulna	4	
25492	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; radius AND ulna	4	
25606	Percutaneous skeletal fixation of distal radial fracture or epiphyseal separation	4	
25607	Open treatment of distal radial extra-articular fracture or epiphyseal separation, with internal fixation	4	
25608	Open treatment of distal radial intra-articular fracture or epiphyseal separation; with internal fixation of 2 fragments	4	
25609	Open treatment of distal radial intra-articular fracture or epiphyseal separation; with internal fixation of 3 or more fragments	4	
25628	Open treatment of carpal scaphoid (navicular) fracture, includes internal fixation, when performed	4	
25645	Open treatment of carpal bone fracture (other than carpal scaphoid [navicular]), each bone	4	
25651	Percutaneous skeletal fixation of ulnar styloid fracture	4	
25652	Open treatment of ulnar styloid fracture	4	
25670	Open treatment of radiocarpal or intercarpal dislocation, 1 or more bones	4	
25671	Percutaneous skeletal fixation of distal radioulnar dislocation	4	
25676	Open treatment of distal radioulnar dislocation, acute or chronic	4	

25685	Open treatment of trans-scaphoperilunar type of fracture dislocation	4	
25695	Open treatment of lunate dislocation	4	
25800	Arthrodesis, wrist; complete, without bone graft (includes radiocarpal and/or intercarpal and/or carpometacarpal joints)	4	
25805	Arthrodesis, wrist; with sliding graft	4	
25810	Arthrodesis, wrist; with iliac or other autograft (includes obtaining graft)	4	
25820	Arthrodesis, wrist; limited, without bone graft (eg, intercarpal or radiocarpal)	4	
25825	Arthrodesis, wrist; with autograft (includes obtaining graft)	4	
25830	Arthrodesis, distal radioulnar joint with segmental resection of ulna, with or without bone graft (eg, Sauve-Kapandji procedure)	4	
25900	Amputation, forearm, through radius and ulna;	4	
25905	Amputation, forearm, through radius and ulna; open, circular (guillotine)	4	
25907	Amputation, forearm, through radius and ulna; secondary closure or scar revision	4	
25909	Amputation, forearm, through radius and ulna; re-amputation	4	
25915	Krukenberg procedure	4	
25920	Disarticulation through wrist;	4	
25922	Disarticulation through wrist; secondary closure or scar revision	4	
25924	Disarticulation through wrist; re-amputation	4	
25927	Transmetacarpal amputation;	4	
25929	Transmetacarpal amputation; secondary closure or scar revision	4	
25931	Transmetacarpal amputation; re-amputation	4	
26010	Drainage of finger abscess; simple	4	

26011	Drainage of finger abscess; complicated (eg, felon)	4	
26020	Drainage of tendon sheath, digit and/or palm, each	4	
26025	Drainage of palmar bursa; single, bursa	4	
26030	Drainage of palmar bursa; multiple bursa	4	
26034	Incision, bone cortex, hand or finger (eg, osteomyelitis or bone abscess)	4	
26035	Decompression fingers and/or hand, injection injury (eg, grease gun)	4	
26037	Decompressive fasciotomy, hand (excludes 26035)	4	
26040	Fasciotomy, palmar (eg, Dupuytren's contracture); percutaneous	4	
26045	Fasciotomy, palmar (eg, Dupuytren's contracture); open, partial	4	
26055	Tendon sheath incision (eg, for trigger finger)	4	
26060	Tenotomy, percutaneous, single, each digit	4	
26070	Arthrotomy, with exploration, drainage, or removal of loose or foreign body; carpometacarpal joint	4	
26075	Arthrotomy, with exploration, drainage, or removal of loose or foreign body; metacarpophalangeal joint, each	4	
26080	Arthrotomy, with exploration, drainage, or removal of loose or foreign body; interphalangeal joint, each	4	
26100	Arthrotomy with biopsy; carpometacarpal joint, each	4	
26105	Arthrotomy with biopsy; metacarpophalangeal joint, each	4	
26110	Arthrotomy with biopsy; interphalangeal joint, each	4	
26111	Excision, tumor or vascular malformation, soft tissue of hand or finger, subcutaneous; 1.5 cm or greater	4	
26113	Excision, tumor, soft tissue, or vascular malformation, of hand or finger, subfascial (eg, intramuscular); 1.5 cm or greater	4	

26115	Excision, tumor or vascular malformation, soft tissue of hand or finger, subcutaneous; less than 1.5 cm	4	
26116	Excision, tumor, soft tissue, or vascular malformation, of hand or finger, subfascial (eg, intramuscular); less than 1.5 cm	4	
26117	Radical resection of tumor (eg, sarcoma), soft tissue of hand or finger; less than 3 cm	4	
26118	Radical resection of tumor (eg, sarcoma), soft tissue of hand or finger; 3 cm or greater	4	
26121	Fasciectomy, palm only, with or without Z-plasty, other local tissue rearrangement, or skin grafting (includes obtaining graft)	4	
26123	Fasciectomy, partial palmar with release of single digit including proximal interphalangeal joint, with or without Z-plasty, other local tissue rearrangement, or skin grafting (includes obtaining graft);	4	
26125	Fasciectomy, partial palmar with release of single digit including proximal interphalangeal joint, with or without Z-plasty, other local tissue rearrangement, or skin grafting (includes obtaining graft); each additional digit (List separately in addition to code for primary procedure)	4	
26130	Synovectomy, carpometacarpal joint	4	
26135	Synovectomy, metacarpophalangeal joint including intrinsic release and extensor hood reconstruction, each digit	4	
26140	Synovectomy, proximal interphalangeal joint, including extensor reconstruction, each interphalangeal joint	4	
26145	Synovectomy, tendon sheath, radical (tenosynovectomy), flexor tendon, palm and/or finger, each tendon	4	
26160	Excision of lesion of tendon sheath or joint capsule (eg, cyst, mucous cyst, or ganglion), hand or finger	4	
26170	Excision of tendon, palm, flexor or extensor, single, each tendon	4	
26180	Excision of tendon, finger, flexor or extensor, each tendon	4	

26185	Sesamoidectomy, thumb or finger (separate procedure)	4	
26200	Excision or curettage of bone cyst or benign tumor of metacarpal;	4	
26205	Excision or curettage of bone cyst or benign tumor of metacarpal; with autograft (includes obtaining graft)	4	
26210	Excision or curettage of bone cyst or benign tumor of proximal, middle, or distal phalanx of finger;	4	
26215	Excision or curettage of bone cyst or benign tumor of proximal, middle, or distal phalanx of finger; with autograft (includes obtaining graft)	4	
26230	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis); metacarpal	4	
26235	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis); proximal or middle phalanx of finger	4	
26236	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis); distal phalanx of finger	4	

26250	Radical resection of tumor, metacarpal	4	
26260	Radical resection of tumor, proximal or middle phalanx of finger	4	
26262	Radical resection of tumor, distal phalanx of finger	4	
26320	Removal of implant from finger or hand	4	
26340	Manipulation, finger joint, under anesthesia, each joint	4	
26350	Repair or advancement, flexor tendon, not in zone 2 digital flexor tendon sheath (eg, no man's land); primary or secondary without free graft, each tendon	4	
26352	Repair or advancement, flexor tendon, not in zone 2 digital flexor tendon sheath (eg, no man's land); secondary with free graft (includes obtaining graft), each tendon	4	
26356	Repair or advancement, flexor tendon, in zone 2 digital flexor tendon sheath (eg, no man's land); primary, without free graft, each tendon	4	
26357	Repair or advancement, flexor tendon, in zone 2 digital flexor tendon sheath (eg, no man's land); secondary, without free graft, each tendon	4	
26358	Repair or advancement, flexor tendon, in zone 2 digital flexor tendon sheath (eg, no man's land); secondary, with free graft (includes obtaining graft), each tendon	4	
26370	Repair or advancement of profundus tendon, with intact superficialis tendon; primary, each tendon	4	
26372	Repair or advancement of profundus tendon, with intact superficialis tendon; secondary with free graft (includes obtaining graft), each tendon	4	
26390	Excision flexor tendon, with implantation of synthetic rod for delayed tendon graft, hand or finger, each rod	4	
26410	Repair, extensor tendon, hand, primary or secondary; without free graft, each tendon	4	
26412	Repair, extensor tendon, hand, primary or secondary; with free graft (includes obtaining graft), each tendon	4	
26415	Excision of extensor tendon, with implantation of synthetic rod for delayed tendon graft, hand or finger, each rod	4	
26416	Removal of synthetic rod and insertion of extensor tendon graft (includes obtaining graft), hand or finger, each rod	4	
26418	Repair, extensor tendon, finger, primary or secondary; without free graft, each tendon	4	
26420	Repair, extensor tendon, finger, primary or secondary; with free graft (includes obtaining graft) each tendon	4	
26426	Repair of extensor tendon, central slip, secondary (eg, boutonniere deformity); using local tissue(s), including lateral band(s), each finger	4	

26428	Repair of extensor tendon, central slip, secondary (eg, boutonniere deformity); with free graft (includes obtaining graft), each finger	4	
26432	Closed treatment of distal extensor tendon insertion, with or without percutaneous pinning (eg, mallet finger)	4	
26433	Repair of extensor tendon, distal insertion, primary or secondary; without graft (eg, mallet finger)	4	
26437	Realignment of extensor tendon, hand, each tendon	4	
26440	Tenolysis, flexor tendon; palm OR finger, each tendon	4	
26442	Tenolysis, flexor tendon; palm AND finger, each tendon	4	
26445	Tenolysis, extensor tendon, hand OR finger, each tendon	4	
26449	Tenolysis, complex, extensor tendon, finger, including forearm, each tendon	4	
26450	Tenotomy, flexor, palm, open, each tendon	4	
26455	Tenotomy, flexor, finger, open, each tendon	4	
26460	Tenotomy, extensor, hand or finger, open, each tendon	4	
26471	Tenodesis; of proximal interphalangeal joint, each joint	4	
26474	Tenodesis; of distal joint, each joint	4	
26476	Lengthening of tendon, extensor, hand or finger, each tendon	4	
26477	Shortening of tendon, extensor, hand or finger, each tendon	4	
26478	Lengthening of tendon, flexor, hand or finger, each tendon	4	
26479	Shortening of tendon, flexor, hand or finger, each tendon	4	
26480	Transfer or transplant of tendon, carpometacarpal area or dorsum of hand; without free graft, each tendon	4	
26483	Transfer or transplant of tendon, carpometacarpal area or dorsum of hand; with free tendon graft (includes obtaining graft), each tendon	4	

26485	Transfer or transplant of tendon, palmar; without free tendon graft, each tendon	4	
26489	Transfer or transplant of tendon, palmar; with free tendon graft (includes obtaining graft), each tendon	4	
26490	Opponensplasty; superficialis tendon transfer type, each tendon	4	
26492	Opponensplasty; tendon transfer with graft (includes obtaining graft), each tendon	4	
26494	Opponensplasty; hypothenar muscle transfer	4	
26496	Opponensplasty; other methods	4	
26497	Transfer of tendon to restore intrinsic function; ring and small finger	4	
26498	Transfer of tendon to restore intrinsic function; all 4 fingers	4	
26499	Correction claw finger, other methods	4	
26500	Reconstruction of tendon pulley, each tendon; with local tissues (separate procedure)	4	
26502	Reconstruction of tendon pulley, each tendon; with tendon or fascial graft (includes obtaining graft) (separate procedure)	4	
26508	Release of thenar muscle(s) (eg, thumb contracture)	4	
26510	Cross intrinsic transfer, each tendon	4	
26516	Capsulodesis, metacarpophalangeal joint; single digit	4	
26518	Capsulodesis, metacarpophalangeal joint; 3 or 4 digits	4	
26520	Capsulectomy or capsulotomy; metacarpophalangeal joint, each joint	4	
26525	Capsulectomy or capsulotomy; interphalangeal joint, each joint	4	
26530	Arthroplasty, metacarpophalangeal joint; each joint	4	
26531	Arthroplasty, metacarpophalangeal joint; with prosthetic implant, each joint	4	
26535	Arthroplasty, interphalangeal joint; each joint	4	
26536	Arthroplasty, interphalangeal joint; with prosthetic implant, each joint	4	
26540	Repair of collateral ligament, metacarpophalangeal or interphalangeal joint	4	

26541	Reconstruction, collateral ligament, metacarpophalangeal joint, single; with tendon or fascial graft (includes obtaining graft)	4	
26542	Reconstruction, collateral ligament, metacarpophalangeal joint, single; with local tissue (eg, adductor advancement)	4	
26545	Reconstruction, collateral ligament, interphalangeal joint, single, including graft, each joint	4	
26546	Repair non-union, metacarpal or phalanx (includes obtaining bone graft with or without external or internal fixation)	4	
26548	Repair and reconstruction, finger, volar plate, interphalangeal joint	4	
26550	Pollicization of a digit	4	
26551	Transfer, toe-to-hand with microvascular anastomosis; great toe wrap-around with bone graft	4	
26553	Transfer, toe-to-hand with microvascular anastomosis; other than great toe, single	4	
26554	Transfer, toe-to-hand with microvascular anastomosis; other than great toe, double	4	
26555	Transfer, finger to another position without microvascular anastomosis	4	
26556	Transfer, free toe joint, with microvascular anastomosis	4	
26560	Repair of syndactyly (web finger) each web space; with skin flaps	4	
26561	Repair of syndactyly (web finger) each web space; with skin flaps and grafts	4	
26562	Repair of syndactyly (web finger) each web space; complex (eg, involving bone, nails)	4	
26565	Osteotomy; metacarpal, each	4	
26567	Osteotomy; phalanx of finger, each	4	
26568	Osteoplasty, lengthening, metacarpal or phalanx	4	

26580	Repair cleft hand	4	
26587	Reconstruction of polydactylous digit, soft tissue and bone	4	
26590	Repair macrodactylia, each digit	4	
26591	Repair, intrinsic muscles of hand, each muscle	4	
26593	Release, intrinsic muscles of hand, each muscle	4	
26596	Excision of constricting ring of finger, with multiple Z-plasties	4	
26608	Percutaneous skeletal fixation of metacarpal fracture, each bone	4	
26615	Open treatment of metacarpal fracture, single, includes internal fixation, when performed, each bone	4	
26650	Percutaneous skeletal fixation of carpometacarpal fracture dislocation, thumb (Bennett fracture), with manipulation	4	
26665	Open treatment of carpometacarpal fracture dislocation, thumb (Bennett fracture), includes internal fixation, when performed	4	
26676	Percutaneous skeletal fixation of carpometacarpal dislocation, other than thumb, with manipulation, each joint	4	
26685	Open treatment of carpometacarpal dislocation, other than thumb; includes internal fixation, when performed, each joint	4	
26686	Open treatment of carpometacarpal dislocation, other than thumb; complex, multiple, or delayed reduction	4	
26706	Percutaneous skeletal fixation of metacarpophalangeal dislocation, single, with manipulation	4	
26715	Open treatment of metacarpophalangeal dislocation, single, includes internal fixation, when performed	4	
26720	Closed treatment of phalangeal shaft fracture, proximal or middle phalanx, finger or thumb; without manipulation, each	4	
26727	Percutaneous skeletal fixation of unstable phalangeal shaft fracture, proximal or middle phalanx, finger or thumb, with manipulation, each	4	

26735	Open treatment of phalangeal shaft fracture, proximal or middle phalanx, finger or thumb, includes internal fixation, when performed, each	4	
26740	Closed treatment of articular fracture, involving metacarpophalangeal or interphalangeal joint; without manipulation, each	4	
26746	Open treatment of articular fracture, involving metacarpophalangeal or interphalangeal joint, includes internal fixation, when performed, each	4	
26756	Percutaneous skeletal fixation of distal phalangeal fracture, finger or thumb, each	4	
26765	Open treatment of distal phalangeal fracture, finger or thumb, includes internal fixation, when performed, each	4	
26776	Percutaneous skeletal fixation of interphalangeal joint dislocation, single, with manipulation	4	
26785	Open treatment of interphalangeal joint dislocation, includes internal fixation, when performed, single	4	
26820	Fusion in opposition, thumb, with autogenous graft (includes obtaining graft)	4	
26841	Arthrodesis, carpometacarpal joint, thumb, with or without internal fixation;	4	
26842	Arthrodesis, carpometacarpal joint, thumb, with or without internal fixation; with autograft (includes obtaining graft)	4	
26843	Arthrodesis, carpometacarpal joint, digit, other than thumb, each;	4	
26844	Arthrodesis, carpometacarpal joint, digit, other than thumb, each; with autograft (includes obtaining graft)	4	
26850	Arthrodesis, metacarpophalangeal joint, with or without internal fixation;	4	
26852	Arthrodesis, metacarpophalangeal joint, with or without internal fixation; with autograft (includes obtaining graft)	4	
26860	Arthrodesis, interphalangeal joint, with or without internal fixation;	4	
26861	Arthrodesis, interphalangeal joint, with or without internal fixation; each additional interphalangeal joint (List separately in addition to code for primary procedure)	4	
26862	Arthrodesis, interphalangeal joint, with or without internal fixation; with autograft (includes obtaining graft)	4	
26863	Arthrodesis, interphalangeal joint, with or without internal fixation; with autograft (includes obtaining graft), each additional joint (List separately in addition to code for primary procedure)	4	
26910	Amputation, metacarpal, with finger or thumb (ray amputation), single, with or without interosseous transfer	4	

26951	Amputation, finger or thumb, primary or secondary, any joint or phalanx, single, including neurectomies; with direct closure	4	
26952	Amputation, finger or thumb, primary or secondary, any joint or phalanx, single, including neurectomies; with local advancement flaps (V-Y, hood)	4	
27000	Tenotomy, adductor of hip, percutaneous (separate procedure)	4	
27001	Tenotomy, adductor of hip, open	4	
27003	Tenotomy, adductor, subcutaneous, open, with obturator neurectomy	4	
27005	Tenotomy, hip flexor(s), open (separate procedure)	4	
27006	Tenotomy, abductors and/or extensor(s) of hip, open (separate procedure)	4	
27035	Denervation, hip joint, intrapelvic or extrapelvic intra-articular branches of sciatic, femoral, or obturator nerves	4	
27036	Capsulectomy or capsulotomy, hip, with or without excision of heterotopic bone, with release of hip flexor muscles (ie, gluteus medius, gluteus minimus, tensor fascia latae, rectus femoris, sartorius, iliopsoas)	4	
27040	Biopsy, soft tissue of pelvis and hip area; superficial	4	
27041	Biopsy, soft tissue of pelvis and hip area; deep, subfascial or intramuscular	4	
27043	Excision, tumor, soft tissue of pelvis and hip area, subcutaneous; 3 cm or greater	4	
27045	Excision, tumor, soft tissue of pelvis and hip area, subfascial (eg, intramuscular); 5 cm or greater	4	
27047	Excision, tumor, soft tissue of pelvis and hip area, subcutaneous; less than 3 cm	4	
27048	Excision, tumor, soft tissue of pelvis and hip area, subfascial (eg, intramuscular); less than 5 cm	4	
27049	Radical resection of tumor (eg, sarcoma), soft tissue of pelvis and hip area; less than 5 cm	4	
27050	Arthrotomy, with biopsy; sacroiliac joint	4	

27052	Arthrotomy, with biopsy; hip joint	4	
27054	Arthrotomy with synovectomy, hip joint	4	
27057	Decompression fasciotomy(ies), pelvic (buttock) compartment(s) (eg, gluteus medius-minimus, gluteus maximus, iliopsoas, and/or tensor fascia lata muscle) with debridement of nonviable muscle, unilateral	4	
27059	Radical resection of tumor (eg, sarcoma), soft tissue of pelvis and hip area; 5 cm or greater	4	
27060	Excision; ischial bursa	4	
27062	Excision; trochanteric bursa or calcification	4	
27065	Excision of bone cyst or benign tumor, wing of ilium, symphysis pubis, or greater trochanter of femur; superficial, includes autograft, when performed	4	
27066	Excision of bone cyst or benign tumor, wing of ilium, symphysis pubis, or greater trochanter of femur; deep (subfascial), includes autograft, when performed	4	
27067	Excision of bone cyst or benign tumor, wing of ilium, symphysis pubis, or greater trochanter of femur; with autograft requiring separate incision	4	
27070	Partial excision, wing of ilium, symphysis pubis, or greater trochanter of femur, (craterization, saucerization) (eg, osteomyelitis or bone abscess); superficial	4	
27071	Partial excision, wing of ilium, symphysis pubis, or greater trochanter of femur, (craterization, saucerization) (eg, osteomyelitis or bone abscess); deep (subfascial or intramuscular)	4	
27075	Radical resection of tumor; wing of ilium, 1 pubic or ischial ramus or symphysis pubis	4	
27076	Radical resection of tumor; ilium, including acetabulum, both pubic rami, or ischium and acetabulum	4	
27077	Radical resection of tumor; innominate bone, total	4	
27078	Radical resection of tumor; ischial tuberosity and greater trochanter of femur	4	
27080	Coccygectomy, primary	4	

27097	Release or recession, hamstring, proximal	4	
27098	Transfer, adductor to ischium	4	
27100	Transfer external oblique muscle to greater trochanter including fascial or tendon extension (graft)	4	
27105	Transfer paraspinal muscle to hip (includes fascial or tendon extension graft)	4	
27110	Transfer iliopsoas; to greater trochanter of femur	4	
27111	Transfer iliopsoas; to femoral neck	4	
27120	Acetabuloplasty; (eg, Whitman, Colonna, Haygroves, or cup type)	4	
27140	Osteotomy and transfer of greater trochanter of femur (separate procedure)	4	
27146	Osteotomy, iliac, acetabular or innominate bone;	4	
27147	Osteotomy, iliac, acetabular or innominate bone; with open reduction of hip	4	
27151	Osteotomy, iliac, acetabular or innominate bone; with femoral osteotomy	4	
27156	Osteotomy, iliac, acetabular or innominate bone; with femoral osteotomy and with open reduction of hip	4	
27158	Osteotomy, pelvis, bilateral (eg, congenital malformation)	4	
27161	Osteotomy, femoral neck (separate procedure)	4	
27165	Osteotomy, intertrochanteric or subtrochanteric including internal or external fixation and/or cast	4	
27170	Bone graft, femoral head, neck, intertrochanteric or subtrochanteric area (includes obtaining bone graft)	4	
27176	Treatment of slipped femoral epiphysis; by single or multiple pinning, in situ	4	
27177	Open treatment of slipped femoral epiphysis; single or multiple pinning or bone graft (includes obtaining graft)	4	
27178	Open treatment of slipped femoral epiphysis; closed manipulation with single or multiple pinning	4	

27179	Open treatment of slipped femoral epiphysis; osteoplasty of femoral neck (Heyman type procedure)	4	
27181	Open treatment of slipped femoral epiphysis; osteotomy and internal fixation	4	
27185	Epiphyseal arrest by epiphysiodesis or stapling, greater trochanter of femur	4	
27187	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate, femoral neck and proximal femur	4	
27259	Open treatment of spontaneous hip dislocation (developmental, including congenital or pathological), replacement of femoral head in acetabulum (including tenotomy, etc); with femoral shaft shortening	4	
27286	Arthrodesis, hip joint (including obtaining graft); with subtrochanteric osteotomy	4	
27290	Interpelviabdominal amputation (hindquarter amputation)	4	
27306	Tenotomy, percutaneous, adductor or hamstring; single tendon (separate procedure)	4	
27307	Tenotomy, percutaneous, adductor or hamstring; multiple tendons	4	
27323	Biopsy, soft tissue of thigh or knee area; superficial	4	
27324	Biopsy, soft tissue of thigh or knee area; deep (subfascial or intramuscular)	4	
27325	Neurectomy, hamstring muscle	4	
27326	Neurectomy, popliteal (gastrocnemius)	4	
27327	Excision, tumor, soft tissue of thigh or knee area, subcutaneous; less than 3 cm	4	
27328	Excision, tumor, soft tissue of thigh or knee area, subfascial (eg, intramuscular); less than 5 cm	4	
27329	Radical resection of tumor (eg, sarcoma), soft tissue of thigh or knee area; less than 5 cm	4	
27330	Arthrotomy, knee; with synovial biopsy only	4	
27337	Excision, tumor, soft tissue of thigh or knee area, subcutaneous; 3 cm or greater	4	
27339	Excision, tumor, soft tissue of thigh or knee area, subfascial (eg, intramuscular); 5 cm or greater	4	
27355	Excision or curettage of bone cyst or benign tumor of femur;	4	
27356	Excision or curettage of bone cyst or benign tumor of femur; with allograft	4	
27357	Excision or curettage of bone cyst or benign tumor of femur; with autograft (includes obtaining graft)	4	

27358	Excision or curettage of bone cyst or benign tumor of femur; with internal fixation (List in addition to code for primary procedure)	4	
27360	Partial excision (craterization, saucerization, or diaphysectomy) bone, femur, proximal tibia and/or fibula (eg, osteomyelitis or bone abscess)	4	
27364	Radical resection of tumor (eg, sarcoma), soft tissue of thigh or knee area; 5 cm or greater	4	
27365	Radical resection of tumor, femur or knee	4	
27390	Tenotomy, open, hamstring, knee to hip; single tendon	4	
27391	Tenotomy, open, hamstring, knee to hip; multiple tendons, 1 leg	4	
27392	Tenotomy, open, hamstring, knee to hip; multiple tendons, bilateral	4	
27393	Lengthening of hamstring tendon; single tendon	4	
27394	Lengthening of hamstring tendon; multiple tendons, 1 leg	4	
27395	Lengthening of hamstring tendon; multiple tendons, bilateral	4	
27396	Transplant or transfer (with muscle redirection or rerouting), thigh (eg, extensor to flexor); single tendon	4	
27397	Transplant or transfer (with muscle redirection or rerouting), thigh (eg, extensor to flexor); multiple tendons	4	
27400	Transfer, tendon or muscle, hamstrings to femur (eg, Egger's type procedure)	4	
27475	Arrest, epiphyseal, any method (eg, epiphysiodesis); distal femur	4	
27477	Arrest, epiphyseal, any method (eg, epiphysiodesis); tibia and fibula, proximal	4	
27479	Arrest, epiphyseal, any method (eg, epiphysiodesis); combined distal femur, proximal tibia and fibula	4	
27485	Arrest, hemiepiphyseal, distal femur or proximal tibia or fibula (eg, genu varus or valgus)	4	
27495	Prophylactic treatment (nailing, pinning, plating, or wiring) with or without methylmethacrylate, femur	4	
27519	Open treatment of distal femoral epiphyseal separation, includes internal fixation, when performed	4	

27570	Manipulation of knee joint under general anesthesia (includes application of traction or other fixation devices)	4	
27599	Unlisted procedure, femur or knee	4	
27613	Biopsy, soft tissue of leg or ankle area; superficial	4	
27614	Biopsy, soft tissue of leg or ankle area; deep (subfascial or intramuscular)	4	
27615	Radical resection of tumor (eg, sarcoma), soft tissue of leg or ankle area; less than 5 cm	4	
27616	Radical resection of tumor (eg, sarcoma), soft tissue of leg or ankle area; 5 cm or greater	4	
27618	Excision, tumor, soft tissue of leg or ankle area, subcutaneous; less than 3 cm	4	
27619	Excision, tumor, soft tissue of leg or ankle area, subfascial (eg, intramuscular); less than 5 cm	4	
27626	Arthrotomy, with synovectomy, ankle; including tenosynovectomy	4	
27630	Excision of lesion of tendon sheath or capsule (eg, cyst or ganglion), leg and/or ankle	4	
27632	Excision, tumor, soft tissue of leg or ankle area, subcutaneous; 3 cm or greater	4	
27634	Excision, tumor, soft tissue of leg or ankle area, subfascial (eg, intramuscular); 5 cm or greater	4	
27635	Excision or curettage of bone cyst or benign tumor, tibia or fibula;	4	
27637	Excision or curettage of bone cyst or benign tumor, tibia or fibula; with autograft (includes obtaining graft)	4	
27638	Excision or curettage of bone cyst or benign tumor, tibia or fibula; with allograft	4	
27640	Partial excision (craterization, saucerization, or diaphysectomy), bone (eg, osteomyelitis); tibia	4	
27641	Partial excision (craterization, saucerization, or diaphysectomy), bone (eg, osteomyelitis); fibula	4	
27645	Radical resection of tumor; tibia	4	
27646	Radical resection of tumor; fibula	4	

27647	Radical resection of tumor; talus or calcaneus	4	
27658	Repair, flexor tendon, leg; primary, without graft, each tendon	4	
27659	Repair, flexor tendon, leg; secondary, with or without graft, each tendon	4	
27664	Repair, extensor tendon, leg; primary, without graft, each tendon	4	
27665	Repair, extensor tendon, leg; secondary, with or without graft, each tendon	4	
27675	Repair, dislocating peroneal tendons; without fibular osteotomy	4	
27676	Repair, dislocating peroneal tendons; with fibular osteotomy	4	
27680	Tenolysis, flexor or extensor tendon, leg and/or ankle; single, each tendon	4	
27681	Tenolysis, flexor or extensor tendon, leg and/or ankle; multiple tendons (through separate incision[s])	4	
27685	Lengthening or shortening of tendon, leg or ankle; single tendon (separate procedure)	4	
27686	Lengthening or shortening of tendon, leg or ankle; multiple tendons (through same incision), each	4	
27687	Gastrocnemius recession (eg, Strayer procedure)	4	
27690	Transfer or transplant of single tendon (with muscle redirection or rerouting); superficial (eg, anterior tibial extensors into midfoot)	4	
27691	Transfer or transplant of single tendon (with muscle redirection or rerouting); deep (eg, anterior tibial or posterior tibial through interosseous space, flexor digitorum longus, flexor hallucis longus, or peroneal tendon to midfoot or hindfoot)	4	
27692	Transfer or transplant of single tendon (with muscle redirection or rerouting); each additional tendon (List separately in addition to code for primary procedure)	4	
27695	Repair, primary, disrupted ligament, ankle; collateral	4	
27696	Repair, primary, disrupted ligament, ankle; both collateral ligaments	4	
27698	Repair, secondary, disrupted ligament, ankle, collateral (eg, Watson-Jones procedure)	4	
27700	Arthroplasty, ankle;	4	
27702	Arthroplasty, ankle; with implant (total ankle)	4	

27703	Arthroplasty, ankle; revision, total ankle	4	
27704	Removal of ankle implant	4	
27705	Osteotomy; tibia	4	
27707	Osteotomy; fibula	4	
27709	Osteotomy; tibia and fibula	4	
27712	Osteotomy; multiple, with realignment on intramedullary rod (eg, Sofield type procedure)	4	
27715	Osteoplasty, tibia and fibula, lengthening or shortening	4	
27720	Repair of nonunion or malunion, tibia; without graft, (eg, compression technique)	4	
27730	Arrest, epiphyseal (epiphysiodesis), open; distal tibia	4	
27732	Arrest, epiphyseal (epiphysiodesis), open; distal fibula	4	
27734	Arrest, epiphyseal (epiphysiodesis), open; distal tibia and fibula	4	
27740	Arrest, epiphyseal (epiphysiodesis), any method, combined, proximal and distal tibia and fibula;	4	
27742	Arrest, epiphyseal (epiphysiodesis), any method, combined, proximal and distal tibia and fibula; and distal femur	4	
27870	Arthrodesis, ankle, open	4	
27899	Unlisted procedure, leg or ankle	4	
28010	Tenotomy, percutaneous, toe; single tendon	4	
28011	Tenotomy, percutaneous, toe; multiple tendons	4	
28020	Arthrotomy, including exploration, drainage, or removal of loose or foreign body; intertarsal or tarsometatarsal joint	4	
28022	Arthrotomy, including exploration, drainage, or removal of loose or foreign body; metatarsophalangeal joint	4	

28024	Arthrotomy, including exploration, drainage, or removal of loose or foreign body; interphalangeal joint	4	
28035	Release, tarsal tunnel (posterior tibial nerve decompression)	4	
28039	Excision, tumor, soft tissue of foot or toe, subcutaneous; 1.5 cm or greater	4	
28041	Excision, tumor, soft tissue of foot or toe, subfascial (eg, intramuscular); 1.5 cm or greater	4	
28043	Excision, tumor, soft tissue of foot or toe, subcutaneous; less than 1.5 cm	4	
28045	Excision, tumor, soft tissue of foot or toe, subfascial (eg, intramuscular); less than 1.5 cm	4	
28046	Radical resection of tumor (eg, sarcoma), soft tissue of foot or toe; less than 3 cm	4	
28047	Radical resection of tumor (eg, sarcoma), soft tissue of foot or toe; 3 cm or greater	4	
28050	Arthrotomy with biopsy; intertarsal or tarsometatarsal joint	4	
28052	Arthrotomy with biopsy; metatarsophalangeal joint	4	
28054	Arthrotomy with biopsy; interphalangeal joint	4	
28055	Neurectomy, intrinsic musculature of foot	4	
28060	Fasciectomy, plantar fascia; partial (separate procedure)	4	
28062	Fasciectomy, plantar fascia; radical (separate procedure)	4	
28070	Synovectomy; intertarsal or tarsometatarsal joint, each	4	
28072	Synovectomy; metatarsophalangeal joint, each	4	
28080	Excision, interdigital (Morton) neuroma, single, each	4	

28086	Synovectomy, tendon sheath, foot; flexor	4	
28088	Synovectomy, tendon sheath, foot; extensor	4	
28090	Excision of lesion, tendon, tendon sheath, or capsule (including synovectomy) (eg, cyst or ganglion); foot	4	
28092	Excision of lesion, tendon, tendon sheath, or capsule (including synovectomy) (eg, cyst or ganglion); toe(s), each	4	
28100	Excision or curettage of bone cyst or benign tumor, talus or calcaneus;	4	
28102	Excision or curettage of bone cyst or benign tumor, talus or calcaneus; with iliac or other autograft (includes obtaining graft)	4	
28103	Excision or curettage of bone cyst or benign tumor, talus or calcaneus; with allograft	4	
28104	Excision or curettage of bone cyst or benign tumor, tarsal or metatarsal, except talus or calcaneus;	4	
28106	Excision or curettage of bone cyst or benign tumor, tarsal or metatarsal, except talus or calcaneus; with iliac or other autograft (includes obtaining graft)	4	
28107	Excision or curettage of bone cyst or benign tumor, tarsal or metatarsal, except talus or calcaneus; with allograft	4	
28108	Excision or curettage of bone cyst or benign tumor, phalanges of foot	4	
28110	Ostectomy, partial excision, fifth metatarsal head (bunionette) (separate procedure)	4	
28111	Ostectomy, complete excision; first metatarsal head	4	
28112	Ostectomy, complete excision; other metatarsal head (second, third or fourth)	4	
28113	Ostectomy, complete excision; fifth metatarsal head	4	
28114	Ostectomy, complete excision; all metatarsal heads, with partial proximal phalangectomy, excluding first metatarsal (eg, Clayton type procedure)	4	
28116	Ostectomy, excision of tarsal coalition	4	
28118	Ostectomy, calcaneus;	4	

28119	Ostectomy, calcaneus; for spur, with or without plantar fascial release	4	
28120	Partial excision (craterization, saucerization, sequestrectomy, or diaphysectomy) bone (eg, osteomyelitis or bossing); talus or calcaneus	4	
28122	Partial excision (craterization, saucerization, sequestrectomy, or diaphysectomy) bone (eg, osteomyelitis or bossing); tarsal or metatarsal bone, except talus or calcaneus	4	
28124	Partial excision (craterization, saucerization, sequestrectomy, or diaphysectomy) bone (eg, osteomyelitis or bossing); phalanx of toe	4	
28126	Resection, partial or complete, phalangeal base, each toe	4	
28130	Talectomy (astragalectomy)	4	
28140	Metatarsectomy	4	
28150	Phalangectomy, toe, each toe	4	
28153	Resection, condyle(s), distal end of phalanx, each toe	4	
28160	Hemiphalangectomy or interphalangeal joint excision, toe, proximal end of phalanx, each	4	
28171	Radical resection of tumor; tarsal (except talus or calcaneus)	4	
28173	Radical resection of tumor; metatarsal	4	
28175	Radical resection of tumor; phalanx of toe	4	
28202	Repair, tendon, flexor, foot; secondary with free graft, each tendon (includes obtaining graft)	4	
28208	Repair, tendon, extensor, foot; primary or secondary, each tendon	4	
28210	Repair, tendon, extensor, foot; secondary with free graft, each tendon (includes obtaining graft)	4	
28220	Tenolysis, flexor, foot; single tendon	4	
28222	Tenolysis, flexor, foot; multiple tendons	4	
28225	Tenolysis, extensor, foot; single tendon	4	
28226	Tenolysis, extensor, foot; multiple tendons	4	
28230	Tenotomy, open, tendon flexor; foot, single or multiple tendon(s) (separate procedure)	4	
28232	Tenotomy, open, tendon flexor; toe, single tendon (separate procedure)	4	
28234	Tenotomy, open, extensor, foot or toe, each tendon	4	

28238	Reconstruction (advancement), posterior tibial tendon with excision of accessory tarsal navicular bone (eg, Kidner type procedure)	4	
28240	Tenotomy, lengthening, or release, abductor hallucis muscle	4	
28250	Division of plantar fascia and muscle (eg, Steindler stripping) (separate procedure)	4	
28260	Capsulotomy, midfoot; medial release only (separate procedure)	4	
28261	Capsulotomy, midfoot; with tendon lengthening	4	
28262	Capsulotomy, midfoot; extensive, including posterior talotibial capsulotomy and tendon(s) lengthening (eg, resistant clubfoot deformity)	4	
28264	Capsulotomy, midtarsal (eg, Heyman type procedure)	4	
28270	Capsulotomy; metatarsophalangeal joint, with or without tenorrhaphy, each joint (separate procedure)	4	
28272	Capsulotomy; interphalangeal joint, each joint (separate procedure)	4	
28280	Syndactylization, toes (eg, webbing or Kelikian type procedure)	4	
28285	Correction, hammertoe (eg, interphalangeal fusion, partial or total phalangectomy)	4	
28286	Correction, cock-up fifth toe, with plastic skin closure (eg, Ruiz-Mora type procedure)	4	
28288	Ostectomy, partial, exostectomy or condylectomy, metatarsal head, each metatarsal head	4	
28290	Correction, hallux valgus (bunion), with or without sesamoidectomy; simple exostectomy (eg, Silver type procedure)	4	
28292	Correction, hallux valgus (bunion), with or without sesamoidectomy; Keller, McBride, or Mayo type procedure	4	
28293	Correction, hallux valgus (bunion), with or without sesamoidectomy; resection of joint with implant	4	
28294	Correction, hallux valgus (bunion), with or without sesamoidectomy; with tendon transplants (eg, Joplin type procedure)	4	
28296	Correction, hallux valgus (bunion), with or without sesamoidectomy; with metatarsal osteotomy (eg, Mitchell, Chevron, or concentric type procedures)	4	
28297	Correction, hallux valgus (bunion), with or without sesamoidectomy; Lapidus-type procedure	4	
28298	Correction, hallux valgus (bunion), with or without sesamoidectomy; by phalanx osteotomy	4	
28299	Correction, hallux valgus (bunion), with or without sesamoidectomy; by double osteotomy	4	

28300	Osteotomy; calcaneus (eg, Dwyer or Chambers type procedure), with or without internal fixation	4	
28302	Osteotomy; talus	4	
28304	Osteotomy, tarsal bones, other than calcaneus or talus;	4	
28305	Osteotomy, tarsal bones, other than calcaneus or talus; with autograft (includes obtaining graft) (eg, Fowler type)	4	
28306	Osteotomy, with or without lengthening, shortening or angular correction, metatarsal; first metatarsal	4	
28307	Osteotomy, with or without lengthening, shortening or angular correction, metatarsal; first metatarsal with autograft (other than first toe)	4	
28308	Osteotomy, with or without lengthening, shortening or angular correction, metatarsal; other than first metatarsal, each	4	
28309	Osteotomy, with or without lengthening, shortening or angular correction, metatarsal; multiple (eg, Swanson type cavus foot procedure)	4	
28310	Osteotomy, shortening, angular or rotational correction; proximal phalanx, first toe (separate procedure)	4	
28312	Osteotomy, shortening, angular or rotational correction; other phalanges, any toe	4	
28313	Reconstruction, angular deformity of toe, soft tissue procedures only (eg, overlapping second toe, fifth toe, curly toes)	4	
28315	Sesamoidectomy, first toe (separate procedure)	4	
28320	Repair, nonunion or malunion; tarsal bones	4	
28322	Repair, nonunion or malunion; metatarsal, with or without bone graft (includes obtaining graft)	4	
28340	Reconstruction, toe, macrodactyly; soft tissue resection	4	
28341	Reconstruction, toe, macrodactyly; requiring bone resection	4	
28344	Reconstruction, toe(s); polydactyly	4	
28345	Reconstruction, toe(s); syndactyly, with or without skin graft(s), each web	4	
28360	Reconstruction, cleft foot	4	
28406	Percutaneous skeletal fixation of calcaneal fracture, with manipulation	4	
28415	Open treatment of calcaneal fracture, includes internal fixation, when performed;	4	
28420	Open treatment of calcaneal fracture, includes internal fixation, when performed; with primary iliac or other autogenous bone graft (includes obtaining graft)	4	

28436	Percutaneous skeletal fixation of talus fracture, with manipulation	4	
28445	Open treatment of talus fracture, includes internal fixation, when performed	4	
28456	Percutaneous skeletal fixation of tarsal bone fracture (except talus and calcaneus), with manipulation, each	4	
28465	Open treatment of tarsal bone fracture (except talus and calcaneus), includes internal fixation, when performed, each	4	
28476	Percutaneous skeletal fixation of metatarsal fracture, with manipulation, each	4	
28485	Open treatment of metatarsal fracture, includes internal fixation, when performed, each	4	
28496	Percutaneous skeletal fixation of fracture great toe, phalanx or phalanges, with manipulation	4	
28505	Open treatment of fracture, great toe, phalanx or phalanges, includes internal fixation, when performed	4	
28525	Open treatment of fracture, phalanx or phalanges, other than great toe, includes internal fixation, when performed, each	4	
28530	Closed treatment of sesamoid fracture	4	
28531	Open treatment of sesamoid fracture, with or without internal fixation	4	
28546	Percutaneous skeletal fixation of tarsal bone dislocation, other than talotarsal, with manipulation	4	
28705	Arthrodesis; pantalar	4	
28715	Arthrodesis; triple	4	
28725	Arthrodesis; subtalar	4	
28730	Arthrodesis, midtarsal or tarsometatarsal, multiple or transverse;	4	
28735	Arthrodesis, midtarsal or tarsometatarsal, multiple or transverse; with osteotomy (eg, flatfoot correction)	4	
28737	Arthrodesis, with tendon lengthening and advancement, midtarsal, tarsal navicular-cuneiform (eg, Miller type procedure)	4	
28740	Arthrodesis, midtarsal or tarsometatarsal, single joint	4	
28750	Arthrodesis, great toe; metatarsophalangeal joint	4	

28755	Arthrodesis, great toe; interphalangeal joint	4	
28760	Arthrodesis, with extensor hallucis longus transfer to first metatarsal neck, great toe, interphalangeal joint (eg, Jones type procedure)	4	
29581	Application of multi-layer compression system; leg (below knee), including ankle and foot	4	
29840	Arthroscopy, wrist, diagnostic, with or without synovial biopsy (separate procedure)	4	
29843	Arthroscopy, wrist, surgical; for infection, lavage and drainage	4	
29844	Arthroscopy, wrist, surgical; synovectomy, partial	4	
29845	Arthroscopy, wrist, surgical; synovectomy, complete	4	
29846	Arthroscopy, wrist, surgical; excision and/or repair of triangular fibrocartilage and/or joint debridement	4	
29847	Arthroscopy, wrist, surgical; internal fixation for fracture or instability	4	
29900	Arthroscopy, metacarpophalangeal joint, diagnostic, includes synovial biopsy	4	
29901	Arthroscopy, metacarpophalangeal joint, surgical; with debridement	4	
29902	Arthroscopy, metacarpophalangeal joint, surgical; with reduction of displaced ulnar collateral ligament (eg, Stenar lesion)	4	
64702	Neuroplasty; digital, 1 or both, same digit	4	
64704	Neuroplasty; nerve of hand or foot	4	
64708	Neuroplasty, major peripheral nerve, arm or leg, open; other than specified	4	
64712	Neuroplasty, major peripheral nerve, arm or leg, open; sciatic nerve	4	
64713	Neuroplasty, major peripheral nerve, arm or leg, open; brachial plexus	4	
64714	Neuroplasty, major peripheral nerve, arm or leg, open; lumbar plexus	4	
64718	Neuroplasty and/or transposition; ulnar nerve at elbow	4	
64719	Neuroplasty and/or transposition; ulnar nerve at wrist	4	
64722	Decompression; unspecified nerve(s) (specify)	4	
64726	Decompression; plantar digital nerve	4	

64727	Internal neurolysis, requiring use of operating microscope (List separately in addition to code for neuroplasty) (Neuroplasty includes external neurolysis)	4	
64774	Excision of neuroma; cutaneous nerve, surgically identifiable	4	
64776	Excision of neuroma; digital nerve, 1 or both, same digit	4	
64778	Excision of neuroma; digital nerve, each additional digit (List separately in addition to code for primary procedure)	4	
64782	Excision of neuroma; hand or foot, except digital nerve	4	
64783	Excision of neuroma; hand or foot, each additional nerve, except same digit (List separately in addition to code for primary procedure)	4	
64786	Excision of neuroma; sciatic nerve	4	
64787	Implantation of nerve end into bone or muscle (List separately in addition to neuroma excision)	4	
64788	Excision of neurofibroma or neurolemmoma; cutaneous nerve	4	
64790	Excision of neurofibroma or neurolemmoma; major peripheral nerve	4	
64792	Excision of neurofibroma or neurolemmoma; extensive (including malignant type)	4	
64795	Biopsy of nerve	4	
64820	Sympathectomy; digital arteries, each digit	4	
64831	Suture of digital nerve, hand or foot; 1 nerve	4	
64832	Suture of digital nerve, hand or foot; each additional digital nerve (List separately in addition to code for primary procedure)	4	
64834	Suture of 1 nerve; hand or foot, common sensory nerve	4	
64835	Suture of 1 nerve; median motor thenar	4	
27258	Open treatment of spontaneous hip dislocation (developmental, including congenital or pathological), replacement of femoral head in acetabulum (including tenotomy, etc);	4	
27295	Disarticulation of hip	4	
0335T	Extra-osseous subtalar joint implant for talotarsal stabilization	4	

23500	Closed treatment of clavicular fracture; without manipulation	5	
23505	Closed treatment of clavicular fracture; with manipulation	5	
23520	Closed treatment of sternoclavicular dislocation; without manipulation	5	
23525	Closed treatment of sternoclavicular dislocation; with manipulation	5	
23540	Closed treatment of acromioclavicular dislocation; without manipulation	5	
23545	Closed treatment of acromioclavicular dislocation; with manipulation	5	
23570	Closed treatment of scapular fracture; without manipulation	5	
23575	Closed treatment of scapular fracture; with manipulation, with or without skeletal traction (with or without shoulder joint involvement)	5	
23600	Closed treatment of proximal humeral (surgical or anatomical neck) fracture; without manipulation	5	
23605	Closed treatment of proximal humeral (surgical or anatomical neck) fracture; with manipulation, with or without skeletal traction	5	
23620	Closed treatment of greater humeral tuberosity fracture; without manipulation	5	
23625	Closed treatment of greater humeral tuberosity fracture; with manipulation	5	
23650	Closed treatment of shoulder dislocation, with manipulation; without anesthesia	5	
23655	Closed treatment of shoulder dislocation, with manipulation; requiring anesthesia	5	
23665	Closed treatment of shoulder dislocation, with fracture of greater humeral tuberosity, with manipulation	5	
23675	Closed treatment of shoulder dislocation, with surgical or anatomical neck fracture, with manipulation	5	
23700	Manipulation under anesthesia, shoulder joint, including application of fixation apparatus (dislocation excluded)	5	
24500	Closed treatment of humeral shaft fracture; without manipulation	5	
24505	Closed treatment of humeral shaft fracture; with manipulation, with or without skeletal traction	5	
24530	Closed treatment of supracondylar or transcondylar humeral fracture, with or without intercondylar extension; without manipulation	5	

24535	Closed treatment of supracondylar or transcondylar humeral fracture, with or without intercondylar extension; with manipulation, with or without skin or skeletal traction	5	
24560	Closed treatment of humeral epicondylar fracture, medial or lateral; without manipulation	5	
24565	Closed treatment of humeral epicondylar fracture, medial or lateral; with manipulation	5	
24576	Closed treatment of humeral condylar fracture, medial or lateral; without manipulation	5	
24577	Closed treatment of humeral condylar fracture, medial or lateral; with manipulation	5	
24600	Treatment of closed elbow dislocation; without anesthesia	5	
24650	Closed treatment of radial head or neck fracture; without manipulation	5	
24670	Closed treatment of ulnar fracture, proximal end (eg, olecranon or coronoid process [es]); without manipulation	5	
25500	Closed treatment of radial shaft fracture; without manipulation	5	
25505	Closed treatment of radial shaft fracture; with manipulation	5	
25520	Closed treatment of radial shaft fracture and closed treatment of dislocation of distal radioulnar joint (Galeazzi fracture/dislocation)	5	
25530	Closed treatment of ulnar shaft fracture; without manipulation	5	
25535	Closed treatment of ulnar shaft fracture; with manipulation	5	
25560	Closed treatment of radial and ulnar shaft fractures; without manipulation	5	
25565	Closed treatment of radial and ulnar shaft fractures; with manipulation	5	
25600	Closed treatment of distal radial fracture (eg, Colles or Smith type) or epiphyseal separation, includes closed treatment of fracture of ulnar styloid, when performed; without manipulation	5	
25605	Closed treatment of distal radial fracture (eg, Colles or Smith type) or epiphyseal separation, includes closed treatment of fracture of ulnar styloid, when performed; with manipulation	5	
25622	Closed treatment of carpal scaphoid (navicular) fracture; without manipulation	5	
25624	Closed treatment of carpal scaphoid (navicular) fracture; with manipulation	5	

25630	Closed treatment of carpal bone fracture (excluding carpal scaphoid [navicular]); without manipulation, each bone	5	
25635	Closed treatment of carpal bone fracture (excluding carpal scaphoid [navicular]); with manipulation, each bone	5	
25650	Closed treatment of ulnar styloid fracture	5	
25660	Closed treatment of radiocarpal or intercarpal dislocation, 1 or more bones, with manipulation	5	
25675	Closed treatment of distal radioulnar dislocation with manipulation	5	
25680	Closed treatment of trans-scaphoperilunar type of fracture dislocation, with manipulation	5	
25690	Closed treatment of lunate dislocation, with manipulation	5	
26600	Closed treatment of metacarpal fracture, single; without manipulation, each bone	5	
26605	Closed treatment of metacarpal fracture, single; with manipulation, each bone	5	
26607	Closed treatment of metacarpal fracture, with manipulation, with external fixation, each bone	5	
26641	Closed treatment of carpometacarpal dislocation, thumb, with manipulation	5	
26645	Closed treatment of carpometacarpal fracture dislocation, thumb (Bennett fracture), with manipulation	5	
26670	Closed treatment of carpometacarpal dislocation, other than thumb, with manipulation, each joint; without anesthesia	5	
26675	Closed treatment of carpometacarpal dislocation, other than thumb, with manipulation, each joint; requiring anesthesia	5	
26700	Closed treatment of metacarpophalangeal dislocation, single, with manipulation; without anesthesia	5	
26705	Closed treatment of metacarpophalangeal dislocation, single, with manipulation; requiring anesthesia	5	
26725	Closed treatment of phalangeal shaft fracture, proximal or middle phalanx, finger or thumb; with manipulation, with or without skin or skeletal traction, each	5	
26742	Closed treatment of articular fracture, involving metacarpophalangeal or interphalangeal joint; with manipulation, each	5	

26750	Closed treatment of distal phalangeal fracture, finger or thumb; without manipulation, each	5	
26755	Closed treatment of distal phalangeal fracture, finger or thumb; with manipulation, each	5	
26770	Closed treatment of interphalangeal joint dislocation, single, with manipulation; without anesthesia	5	
26775	Closed treatment of interphalangeal joint dislocation, single, with manipulation; requiring anesthesia	5	
26989	Unlisted procedure, hands or fingers	5	
27175	Treatment of slipped femoral epiphysis; by traction, without reduction	5	
27193	Closed treatment of pelvic ring fracture, dislocation, diastasis or subluxation; without manipulation	5	
27194	Closed treatment of pelvic ring fracture, dislocation, diastasis or subluxation; with manipulation, requiring more than local anesthesia	5	
27200	Closed treatment of coccygeal fracture	5	
27220	Closed treatment of acetabulum (hip socket) fracture(s); without manipulation	5	
27222	Closed treatment of acetabulum (hip socket) fracture(s); with manipulation, with or without skeletal traction	5	
27230	Closed treatment of femoral fracture, proximal end, neck; without manipulation	5	
27232	Closed treatment of femoral fracture, proximal end, neck; with manipulation, with or without skeletal traction	5	
27238	Closed treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; without manipulation	5	
27240	Closed treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with manipulation, with or without skin or skeletal traction	5	
27246	Closed treatment of greater trochanteric fracture, without manipulation	5	
27250	Closed treatment of hip dislocation, traumatic; without anesthesia	5	

27252	Closed treatment of hip dislocation, traumatic; requiring anesthesia	5	
27256	Treatment of spontaneous hip dislocation (developmental, including congenital or pathological), by abduction, splint or traction; without anesthesia, without manipulation	5	
27257	Treatment of spontaneous hip dislocation (developmental, including congenital or pathological), by abduction, splint or traction; with manipulation, requiring anesthesia	5	
27265	Closed treatment of post hip arthroplasty dislocation; without anesthesia	5	
27266	Closed treatment of post hip arthroplasty dislocation; requiring regional or general anesthesia	5	
27275	Manipulation, hip joint, requiring general anesthesia	5	
27500	Closed treatment of femoral shaft fracture, without manipulation	5	
27501	Closed treatment of supracondylar or transcondylar femoral fracture with or without intercondylar extension, without manipulation	5	
27508	Closed treatment of femoral fracture, distal end, medial or lateral condyle, without manipulation	5	
27516	Closed treatment of distal femoral epiphyseal separation; without manipulation	5	
27520	Closed treatment of patellar fracture, without manipulation	5	
27530	Closed treatment of tibial fracture, proximal (plateau); without manipulation	5	
27532	Closed treatment of tibial fracture, proximal (plateau); with or without manipulation, with skeletal traction	5	
27538	Closed treatment of intercondylar spine(s) and/or tuberosity fracture(s) of knee, with or without manipulation	5	
27550	Closed treatment of knee dislocation; without anesthesia	5	
27552	Closed treatment of knee dislocation; requiring anesthesia	5	
27560	Closed treatment of patellar dislocation; without anesthesia	5	
27562	Closed treatment of patellar dislocation; requiring anesthesia	5	
27750	Closed treatment of tibial shaft fracture (with or without fibular fracture); without manipulation	5	
27760	Closed treatment of medial malleolus fracture; without manipulation	5	

27780	Closed treatment of proximal fibula or shaft fracture; without manipulation	5	
27786	Closed treatment of distal fibular fracture (lateral malleolus); without manipulation	5	
27808	Closed treatment of bimalleolar ankle fracture (eg, lateral and medial malleoli, or lateral and posterior malleoli or medial and posterior malleoli); without manipulation	5	
27816	Closed treatment of trimalleolar ankle fracture; without manipulation	5	
27824	Closed treatment of fracture of weight bearing articular portion of distal tibia (eg, pilon or tibial plafond), with or without anesthesia; without manipulation	5	
28400	Closed treatment of calcaneal fracture; without manipulation	5	
28405	Closed treatment of calcaneal fracture; with manipulation	5	
28430	Closed treatment of talus fracture; without manipulation	5	
28435	Closed treatment of talus fracture; with manipulation	5	
28450	Treatment of tarsal bone fracture (except talus and calcaneus); without manipulation, each	5	
28455	Treatment of tarsal bone fracture (except talus and calcaneus); with manipulation, each	5	
28470	Closed treatment of metatarsal fracture; without manipulation, each	5	
28475	Closed treatment of metatarsal fracture; with manipulation, each	5	
28490	Closed treatment of fracture great toe, phalanx or phalanges; without manipulation	5	
28495	Closed treatment of fracture great toe, phalanx or phalanges; with manipulation	5	
28510	Closed treatment of fracture, phalanx or phalanges, other than great toe; without manipulation, each	5	
28515	Closed treatment of fracture, phalanx or phalanges, other than great toe; with manipulation, each	5	
28540	Closed treatment of tarsal bone dislocation, other than talotarsal; without anesthesia	5	
28545	Closed treatment of tarsal bone dislocation, other than talotarsal; requiring anesthesia	5	
28570	Closed treatment of talotarsal joint dislocation; without anesthesia	5	
28575	Closed treatment of talotarsal joint dislocation; requiring anesthesia	5	
28600	Closed treatment of tarsometatarsal joint dislocation; without anesthesia	5	
28605	Closed treatment of tarsometatarsal joint dislocation; requiring anesthesia	5	
28630	Closed treatment of metatarsophalangeal joint dislocation; without anesthesia	5	

28635	Closed treatment of metatarsophalangeal joint dislocation; requiring anesthesia	5	
28660	Closed treatment of interphalangeal joint dislocation; without anesthesia	5	
28665	Closed treatment of interphalangeal joint dislocation; requiring anesthesia	5	
29000	Application of halo type body cast (see 20661-20663 for insertion)	5	
29010	Application of Risser jacket, localizer, body; only	5	
29015	Application of Risser jacket, localizer, body; including head	5	
29035	Application of body cast, shoulder to hips;	5	
29040	Application of body cast, shoulder to hips; including head, Minerva type	5	
29044	Application of body cast, shoulder to hips; including 1 thigh	5	
29046	Application of body cast, shoulder to hips; including both thighs	5	
29049	Application, cast; figure-of-eight	5	
29055	Application, cast; shoulder spica	5	
29058	Application, cast; plaster Velpeau	5	
29065	Application, cast; shoulder to hand (long arm)	5	
29075	Application, cast; elbow to finger (short arm)	5	
29085	Application, cast; hand and lower forearm (gauntlet)	5	
29105	Application of long arm splint (shoulder to hand)	5	
29125	Application of short arm splint (forearm to hand); static	5	
29126	Application of short arm splint (forearm to hand); dynamic	5	
29130	Application of finger splint; static	5	
29131	Application of finger splint; dynamic	5	
29200	Strapping; thorax	5	
29240	Strapping; shoulder (eg, Velpeau)	5	
29260	Strapping; elbow or wrist	5	

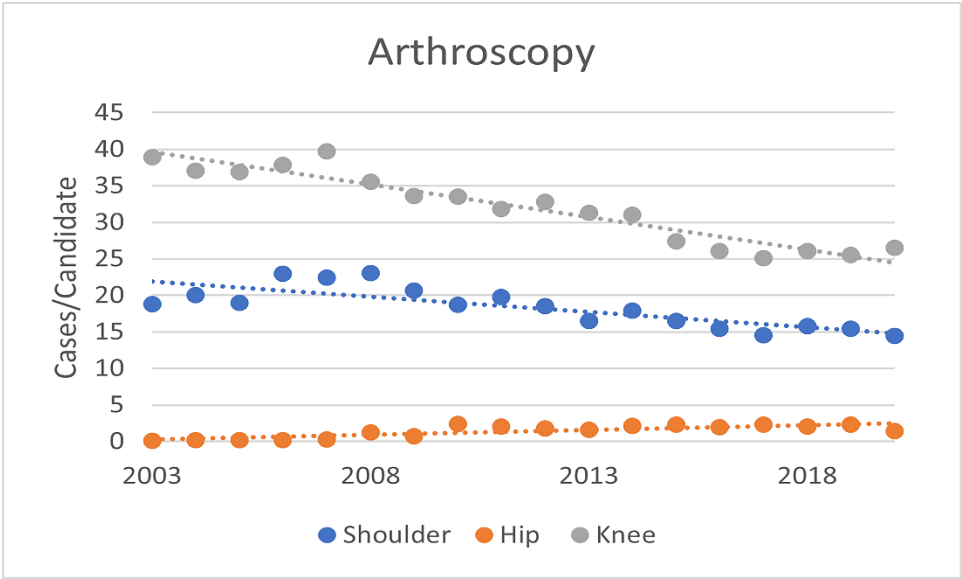
29280	Strapping; hand or finger	5	
29305	Application of hip spica cast; 1 leg	5	
29325	Application of hip spica cast; 1 and one-half spica or both legs	5	
29345	Application of long leg cast (thigh to toes);	5	
29355	Application of long leg cast (thigh to toes); walker or ambulatory type	5	
29358	Application of long leg cast brace	5	
29365	Application of cylinder cast (thigh to ankle)	5	
29405	Application of short leg cast (below knee to toes);	5	
29425	Application of patellar tendon bearing (PTB) cast	5	
29435	Adding walker to previously applied cast	5	
29440	Application of rigid total contact leg cast	5	
29445	Application of clubfoot cast with molding or manipulation, long or short leg	5	
29450	Application of long leg splint (thigh to ankle or toes)	5	
29505	Application of short leg splint (calf to foot)	5	
29515	Strapping; hip	5	
29520	Strapping; knee	5	
29530	Strapping; ankle and/or foot	5	
29540	Strapping; toes	5	

29550	Strapping; Unna boot	5	
29580	Removal or bivalving; gauntlet, boot or body cast	5	
29700	Removal or bivalving; full arm or full leg cast	5	
29705	Removal or bivalving; shoulder or hip spica, Minerva, or Risser jacket, etc.	5	
29710	Repair of spica, body cast or jacket	5	
29720	Windowing of cast	5	
29730	Wedging of cast (except clubfoot casts)	5	
29740	Wedging of clubfoot cast	5	
29750	Unlisted procedure, casting or strapping	5	

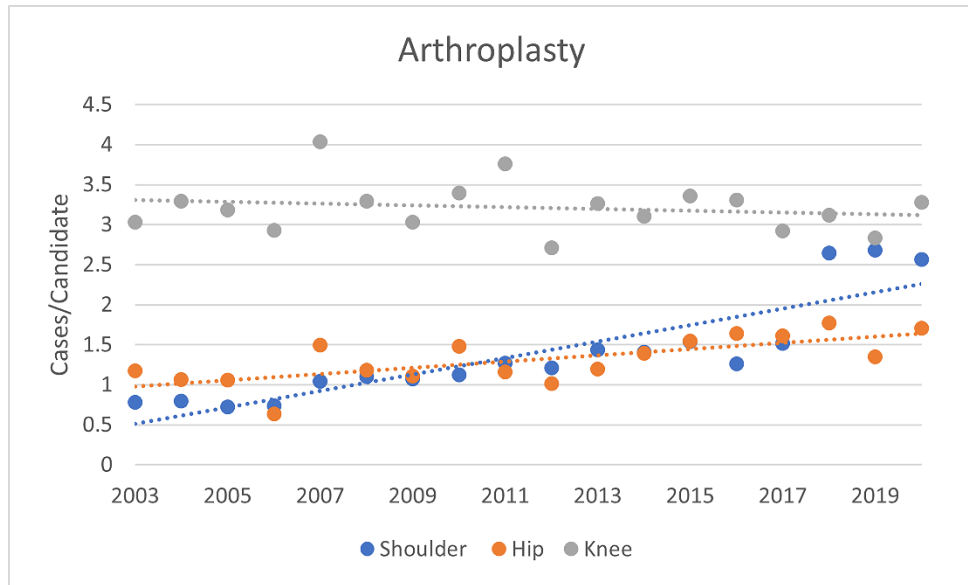
Supplemental Table 2: Distribution of case-mix by dual fellowship-trained candidates

Fellowship Subspecialty	Shoulder	Humerus / Elbow	Forearm / Wrist	Hand / Fingers	Pelvis / Hip	Femur / Knee	Leg / Ankle	Foot / Toes	Spine
Adult Recon	14.7%	3.2%	3.3%	2.3%	28.1%	39.4%	7.4%	1.5%	0.0%
Foot and Ankle	8.1%	1.7%	2.1%	1.1%	8.6%	23.5%	32.8%	21.9%	0.0%
Hand	16.0%	10.8%	20.5%	30.7%	4.9%	12.2%	3.6%	0.9%	0.0%
Pediatrics	6.6%	19.3%	8.5%	2.0%	9.8%	42.7%	8.7%	2.3%	0.0%
Shoulder and Elbow	40.1%	7.1%	4.4%	2.5%	8.4%	30.1%	6.7%	0.6%	0.0%
Spine	11.1%	4.2%	7.6%	3.1%	22.0%	29.9%	16.9%	3.4%	1.7%
Trauma	17.2%	5.6%	4.0%	1.9%	13.8%	43.0%	12.9%	1.6%	0.0%

Supplemental Figure 1A



Supplemental Figure 1B



Supplemental Figure 1A and B:

- (A) Annual number of shoulder (blue, $r^2=0.65$, $p<0.001$), hip (orange, $r^2=0.65$, $p<0.001$), and knee (gray, $r^2=0.91$, $p<0.001$) arthroscopy cases completed by candidate indicating completion of a sports medicine fellowship submitting cases for the ABOS Part II examination, with corresponding line of best fit (dotted line).
- (B) Annual number of shoulder (blue, $r^2=0.77$, $p<0.001$), hip (orange, $r^2=0.50$, $p=0.001$), and knee (gray, $r^2=0.03$, $p=0.45$) arthroplasty cases completed by candidate indicating completion of a sports medicine fellowship submitting cases for the ABOS Part II examination, with corresponding line of best fit (dotted line).