

## Appendix I: Fracture of Neck of Femur Related Procedure Codes

OPCS4 codes	Description
O10	Complex reconstruction of shoulder
O101	Extra-articular scapular resection with reconstruction of shoulder
O108	Other specified complex reconstruction of shoulder
O109	Unspecified complex reconstruction of shoulder
O17	Secondary closed reduction of fracture of bone and internal fixation
O171	Remanipulation of intracapsular fracture of neck of femur and fixation using nail or screw
O172	Remanipulation of fracture of long bone and rigid internal fixation NEC
O173	Remanipulation of fracture of long bone and flexible internal fixation HFQ
O174	Remanipulation of fracture of small bone and fixation using screw
O175	Remanipulation of fragment of bone and fixation using screw
O178	Other specified secondary closed reduction of fracture of bone and internal fixation
O179	Unspecified secondary closed reduction of fracture of bone and internal fixation
O18	Hybrid prosthetic replacement of knee joint using cement
O180	Conversion from previous hybrid prosthetic replacement of knee joint using cement
O181	Primary hybrid prosthetic replacement of knee joint using cement
O182	Conversion to hybrid prosthetic replacement of knee joint using cement
O183	Revision of hybrid prosthetic replacement of knee joint using cement
O184	Attention to hybrid prosthetic replacement of knee joint using cement
O188	Other specified hybrid prosthetic replacement of knee joint using cement
O189	Unspecified hybrid prosthetic replacement of knee joint using cement
O19	Other therapeutic endoscopic operations on other joint structure
O191	Endoscopic autologous matrix induced chondrogenesis of joint
O192	Endoscopic excision of infrapatellar fat pad
O198	Other specified other therapeutic endoscopic operations on other joint structure
O199	Unspecified other therapeutic endoscopic operations on other joint structure
O21	Total prosthetic replacement of elbow joint using cement
O210	Conversion from total prosthetic replacement of elbow joint using cement
O211	Primary total prosthetic replacement of elbow joint using cement
O212	Conversion to total prosthetic replacement of elbow joint using cement
O213	Revision of total prosthetic replacement of elbow joint using cement
O214	Revision of one component of total prosthetic replacement of elbow joint using cement
O218	Other specified total prosthetic replacement of elbow joint using cement
O219	Unspecified total prosthetic replacement of elbow joint using cement
O22	Total prosthetic replacement of elbow joint not using cement
O220	Conversion from total prosthetic replacement of elbow joint not using cement
O221	Primary total prosthetic replacement of elbow joint not using cement
O222	Conversion to total prosthetic replacement of elbow joint not using cement
O223	Revision of total prosthetic replacement of elbow joint not using cement
O224	Revision of one component of total prosthetic replacement of elbow joint not using cement
O228	Other specified total prosthetic replacement of elbow joint not using cement

<b>OPCS4 codes</b>	<b>Description</b>
O229	Unspecified total prosthetic replacement of elbow joint not using cement
O23	Total prosthetic replacement of elbow joint
O230	Conversion from total prosthetic replacement of elbow joint NEC
O231	Primary total prosthetic replacement of elbow joint NEC
O232	Conversion to total prosthetic replacement of elbow joint NEC
O233	Revision of total prosthetic replacement of elbow joint NEC
O234	Attention to total prosthetic replacement of elbow joint NEC
O235	Revision of one component of total prosthetic replacement of elbow joint NEC
O238	Other specified total prosthetic replacement of elbow joint
O239	Unspecified total prosthetic replacement of elbow joint
O24	Prosthetic replacement of head of radius using cement
O240	Conversion from previous cemented prosthetic replacement of head of radius
O241	Primary prosthetic replacement of head of radius using cement
O242	Conversion to prosthetic replacement of head of radius using cement
O243	Revision of prosthetic replacement of head of radius using cement
O248	Other specified prosthetic replacement of head of radius using cement
O249	Unspecified prosthetic replacement of head of radius using cement
O25	Prosthetic replacement of head of radius not using cement
O250	Conversion from previous uncemented prosthetic replacement of head of radius
O251	Primary prosthetic replacement of head of radius not using cement
O252	Conversion to prosthetic replacement of head of radius not using cement
O253	Revision of prosthetic replacement of head of radius not using cement
O258	Other specified prosthetic replacement of head of radius not using cement
O259	Unspecified prosthetic replacement of head of radius not using cement
O26	Other prosthetic replacement of head of radius
O260	Conversion from previous prosthetic replacement of head of radius NEC
O261	Primary prosthetic replacement of head of radius NEC
O262	Conversion to prosthetic replacement of head of radius NEC
O263	Revision of prosthetic replacement of head of radius NEC
O264	Attention to prosthetic replacement of head of radius NEC
O268	Other specified other prosthetic replacement of head of radius
O269	Unspecified other prosthetic replacement of head of radius
O27	Other stabilising operations on joint
O271	Extra-articular ligament reconstruction for stabilisation of joint
O272	Repair of capsule and anterior and posterior labrum for stabilisation of glenohumeral joint
O273	Repair of capsule and anterior labrum for stabilisation of glenohumeral joint
O274	Repair of capsule and posterior labrum for stabilisation of glenohumeral joint
O278	Other specified other stabilising operations on joint
O279	Unspecified other stabilising operations on joint
O29	Excision of bone
O291	Subacromial decompression
O298	Other specified excision of bone

<b>OPCS4 codes</b>	<b>Description</b>
O299	Unspecified excision of bone
W01	Complex reconstruction of thumb
W011	Microvascular transfer of toe to thumb
W012	Pollicisation of finger
W013	Reconstruction of thumb using bone graft and skin flap
W014	Reconstruction of thumb using bone lengthening procedure
W015	Opposition transfer to thumb
W018	Other specified complex reconstruction of thumb
W019	Unspecified complex reconstruction of thumb
W02	Other complex reconstruction of hand
W021	Proximal row carpectomy
W022	Metacarpal support operations on carpus
W023	Multiple joint reconstruction of hand NEC
W024	Complex reconstruction of soft tissue of hand NEC
W028	Other specified other complex reconstruction of hand
W029	Unspecified other complex reconstruction of hand
W03	Complex reconstruction of forefoot
W031	Excision of heads of multiple lesser metatarsals
W032	Osteotomy of multiple metatarsals
W033	Total correction of claw toe
W034	Transfer of extensor hallucis longus tendon to head of first metatarsal and fusion of interphalangeal joints
W035	Localised fusion of joints of midfoot and forefoot
W036	Osteotomy of multiple metatarsals and fixation HFQ
W038	Other specified complex reconstruction of forefoot
W039	Unspecified complex reconstruction of forefoot
W04	Complex reconstruction of hindfoot
W041	Localised fusion of joints of hindfoot
W042	Triple fusion of joints of hindfoot
W043	Subtalar fusion of joints of hindfoot
W044	Stripping of muscle from os calcis
W045	Release of medial soft tissue of hindfoot and excision of lateral wedge of os calcis and fusion of os calcis
W048	Other specified complex reconstruction of hindfoot
W049	Unspecified complex reconstruction of hindfoot
W05	Prosthetic replacement of bone
W051	Articulated prosthetic replacement of bone
W052	Implantation massive endoprosthesis replacement of bone
W053	Implantation endoprosthesis replacement of bone NEC
W054	Attention to massive endoprosthesis of bone
W055	Attention to endoprosthesis of bone NEC
W058	Other specified prosthetic replacement of bone
W059	Unspecified prosthetic replacement of bone

<b>OPCS4 codes</b>	<b>Description</b>
W06	Total excision of bone
W061	Total excision of cervical rib
W062	Total excision of rib NEC
W063	Total excision of patella
W064	Total excision of sesamoid bone NEC
W065	Total excision of bone of foot NEC
W066	Total excision of coccyx
W067	Total excision of pelvic bones
W068	Other specified total excision of bone
W069	Unspecified total excision of bone
W07	Excision of ectopic bone
W071	Excision of cross union of bone
W072	Excision of periarticular ectopic bone
W073	Excision of intramuscular ectopic bone
W078	Other specified excision of ectopic bone
W079	Unspecified excision of ectopic bone
W08	Other excision of bone
W081	Excision of natural protuberance of bone
W082	Excision of overgrowth of bone
W083	Excision of excrescence of bone
W084	Excision of fragment of bone
W085	Partial excision of bone NEC
W086	Disarticulation of bone
W087	Excision of accessory ossicle
W088	Other specified other excision of bone
W089	Unspecified other excision of bone
W09	Extirpation of lesion of bone
W091	Excision of lesion of bone NEC
W092	Curettage of lesion of bone and graft HFQ
W093	Curettage of lesion of bone NEC
W094	Destruction of lesion of bone NEC
W095	Curettage of tumour of bone and graft HFQ
W096	Curettage of tumour of bone NEC
W097	Excision of tumour of bone
W098	Other specified extirpation of lesion of bone
W099	Unspecified extirpation of lesion of bone
W10	Open surgical fracture of bone
W101	Open osteoclasis and angular correction and internal fixation HFQ
W102	Open osteoclasis and angular correction and external fixation HFQ
W103	Open osteoclasis and angular correction NEC
W104	Open osteoclasis and internal fixation NEC
W105	Open osteoclasis and external fixation NEC
W108	Other specified open surgical fracture of bone

<b>OPCS4 codes</b>	<b>Description</b>
W109	Unspecified open surgical fracture of bone
W11	Other surgical fracture of bone
W111	Closed osteoclasia
W118	Other specified other surgical fracture of bone
W119	Unspecified other surgical fracture of bone
W12	Angulation periarticular division of bone
W121	Biosseus angulation periarticular osteotomy and internal fixation HFQ
W122	Angulation periarticular osteotomy and internal fixation NEC
W123	Biosseus angulation periarticular osteotomy and external fixation HFQ
W124	Angulation periarticular osteotomy and external fixation NEC
W125	Biosseus angulation periarticular osteotomy NEC
W128	Other specified angulation periarticular division of bone
W129	Unspecified angulation periarticular division of bone
W13	Other periarticular division of bone
W131	Rotation periarticular osteotomy
W132	Displacement osteotomy
W133	Cuneiform osteotomy NEC
W134	Relocation and derotation osteotomy
W138	Other specified other periarticular division of bone
W139	Unspecified other periarticular division of bone
W14	Diaphyseal division of bone
W141	Angulation diaphyseal osteotomy and internal fixation HFQ
W142	Angulation diaphyseal osteotomy and external fixation HFQ
W143	Angulation diaphyseal osteotomy NEC
W144	Rotation diaphyseal osteotomy and internal fixation HFQ
W145	Rotation diaphyseal osteotomy and external fixation HFQ
W146	Rotation diaphyseal osteotomy NEC
W148	Other specified diaphyseal division of bone
W149	Unspecified diaphyseal division of bone
W15	Division of bone of foot
W151	Osteotomy of neck of first metatarsal bone
W152	Osteotomy of base of first metatarsal bone
W153	Osteotomy of first metatarsal bone NEC
W154	Osteotomy of head of metatarsal bone
W155	Osteotomy of midfoot tarsal bone
W156	Cuneiform osteotomy of proximal phalanx with resection of head of first metatarsal
W157	Osteotomy of bone of foot and fixation HFQ
W158	Other specified division of bone of foot
W159	Unspecified division of bone of foot
W16	Other division of bone
W161	Multiple osteotomy and internal fixation HFQ
W162	Multiple osteotomy and external fixation HFQ
W163	Multiple osteotomy NEC

<b>OPCS4 codes</b>	<b>Description</b>
W164	Osteotomy and internal fixation NEC
W165	Osteotomy and external fixation NEC
W168	Other specified other division of bone
W169	Unspecified other division of bone
W17	Other reconstruction of bone
W171	Step cut lengthening of bone
W172	Traction lengthening of diaphysis of bone
W173	Traction lengthening of epiphyseal plate of bone
W174	Shortening of bone
W175	Revision of reconstruction of bone
W178	Other specified other reconstruction of bone
W179	Unspecified other reconstruction of bone
W18	Drainage of bone
W181	Fenestration of cortex of bone
W182	Saucerisation of bone
W183	Sequestrectomy of bone
W184	Decompression of forage of bone
W185	Insertion of drainage system into bone
W186	Removal of drainage system from bone
W188	Other specified drainage of bone
W189	Unspecified drainage of bone
W19	Primary open reduction of fracture of bone and intramedullary fixation
W191	Primary open reduction of fracture of neck of femur and open fixation using pin and plate
W192	Primary open reduction of fracture of long bone and fixation using rigid nail NEC
W193	Primary open reduction of fracture of long bone and fixation using flexible nail
W194	Primary open reduction of fracture of small bone and fixation using screw
W195	Primary open reduction of fragment of bone and fixation using screw
W196	Primary open reduction of fragment of bone and fixation using wire system
W198	Other specified primary open reduction of fracture of bone and intramedullary fixation
W199	Unspecified primary open reduction of fracture of bone and intramedullary fixation
W20	Primary open reduction of fracture of bone and extramedullary fixation
W201	Primary open reduction of fracture of long bone and extramedullary fixation using plate NEC
W202	Primary open reduction of fracture of long bone and extramedullary fixation using cerclage
W203	Primary open reduction of fracture of long bone and extramedullary fixation using suture
W204	Primary open reduction of fracture of long bone and complex extramedullary fixation NEC
W205	Primary open reduction of fracture of ankle and extramedullary fixation NEC
W206	Wiring of sternum
W208	Other specified primary open reduction of fracture of bone and extramedullary fixation
W209	Unspecified primary open reduction of fracture of bone and extramedullary fixation

<b>OPCS4 codes</b>	<b>Description</b>
W21	Primary open reduction of intra-articular fracture of bone
W211	Primary reduction of intra-articular fracture of bone using arthrotomy as approach
W212	Primary excision of intra-articular fragment of intra-articular fracture of bone
W213	Primary fixation of fragment of chondral cartilage of intra-articular fracture of bone
W214	Primary intra-articular fixation of intra-articular fracture of bone NEC
W215	Primary extra-articular reduction of intra-articular fracture of bone
W218	Other specified primary open reduction of intra-articular fracture of bone
W219	Unspecified primary open reduction of intra-articular fracture of bone
W22	Other primary open reduction of fracture of bone
W221	Primary open reduction of fracture of bone and skeletal traction HFQ
W222	Primary open reduction of fracture of bone and external fixation HFQ
W228	Other specified other primary open reduction of fracture of bone
W229	Unspecified other primary open reduction of fracture of bone
W23	Secondary open reduction of fracture of bone
W231	Secondary open reduction of fracture of bone and intramedullary fixation HFQ
W232	Secondary open reduction of fracture of bone and extramedullary fixation HFQ
W233	Secondary open reduction of intra-articular fracture of bone
W234	Secondary open reduction of fracture of bone and skeletal traction HFQ
W235	Secondary open reduction of fracture of bone and external fixation HFQ
W236	Secondary open reduction of fracture of bone and internal fixation HFQ
W238	Other specified secondary open reduction of fracture of bone
W239	Unspecified secondary open reduction of fracture of bone
W24	Closed reduction of fracture of bone and internal fixation
W241	Closed reduction of intracapsular fracture of neck of femur and fixation using nail or screw
W242	Closed reduction of fracture of long bone and rigid internal fixation NEC
W243	Closed reduction of fracture of long bone and flexible internal fixation HFQ
W244	Closed reduction of fracture of small bone and fixation using screw
W245	Closed reduction of fragment of bone and fixation using screw
W248	Other specified closed reduction of fracture of bone and internal fixation
W249	Unspecified closed reduction of fracture of bone and internal fixation
W25	Closed reduction of fracture of bone and external fixation
W251	Closed reduction of fracture of bone and fixation to skeleton HFQ
W252	Closed reduction of fracture of bone and fixation using functional bracing system
W253	Remanipulation of fracture of bone and external fixation HFQ
W258	Other specified closed reduction of fracture of bone and external fixation
W259	Unspecified closed reduction of fracture of bone and external fixation
W26	Other closed reduction of fracture of bone
W261	Manipulation of fracture of bone and skeletal traction NEC
W262	Manipulation of fracture of bone NEC
W263	Remanipulation of fracture of bone and skeletal traction NEC
W264	Remanipulation of fracture of bone NEC
W268	Other specified other closed reduction of fracture of bone

<b>OPCS4 codes</b>	<b>Description</b>
W269	Unspecified other closed reduction of fracture of bone
W27	Fixation of epiphysis
W271	Permanent cross union epiphysiodesis
W272	Epiphysioplasty
W273	Insertion of staple into epiphysis
W274	Removal of staple from epiphysis
W275	Temporary fixation of epiphysis
W278	Other specified fixation of epiphysis
W279	Unspecified fixation of epiphysis
W28	Other internal fixation of bone
W281	Application of internal fixation to bone NEC
W282	Adjustment to internal fixation of bone NEC
W283	Removal of internal fixation from bone NEC
W284	Insertion of intramedullary fixation and cementing of bone
W288	Other specified other internal fixation of bone
W289	Unspecified other internal fixation of bone
W29	Skeletal traction of bone
W291	Application of skeletal traction to bone NEC
W292	Adjustment to skeletal traction of bone
W293	Removal of skeletal traction from bone
W298	Other specified skeletal traction of bone
W299	Unspecified skeletal traction of bone
W30	Other external fixation of bone
W301	Application of external fixation to bone NEC
W302	Adjustment to external fixation of bone NEC
W303	Removal of external fixation from bone NEC
W304	Application of external ring fixation to bone NEC
W308	Other specified other external fixation of bone
W309	Unspecified other external fixation of bone
W31	Other autograft of bone
W311	Inlay autograft to cortex of bone
W312	Onlay autograft to cortex of bone
W313	Cancellous strip autograft of bone
W314	Cancellous chip autograft of bone
W315	Vascularised pedicle autograft of bone
W316	Muscle pedicle autograft of bone
W317	Bone tendon autograft of bone
W318	Other specified other autograft of bone
W319	Unspecified other autograft of bone
W32	Other graft of bone
W321	Prepared graft of bone
W322	Allograft of bone NEC
W323	Xenograft of bone

<b>OPCS4 codes</b>	<b>Description</b>
W324	Synthetic graft of bone
W325	Cancellous chip allograft of bone
W326	Bulk allograft of bone
W328	Other specified other graft of bone
W329	Unspecified other graft of bone
W33	Other open operations on bone
W331	Open biopsy of lesion of bone
W332	Debridement of open fracture of bone
W333	Suture of periosteum
W334	Implantation of electromagnetic stimulator into bone
W335	Attention to electromagnetic stimulator in bone
W336	Debridement of bone NEC
W337	Lavage of bone
W338	Other specified other open operations on bone
W339	Unspecified other open operations on bone
W34	Graft of bone marrow
W341	Autograft of bone marrow
W342	Allograft of bone marrow NEC
W343	Allograft of bone marrow from sibling donor
W344	Allograft of bone marrow from matched unrelated donor
W345	Allograft of bone marrow from haploidentical donor
W346	Allograft of bone marrow from unmatched unrelated donor
W348	Other specified graft of bone marrow
W349	Unspecified graft of bone marrow
W35	Therapeutic puncture of bone
W351	Introduction of therapeutic substance into bone
W352	Introduction of destructive substance into bone
W353	Removal of implanted substance from bone
W354	Therapeutic drilling of bone NEC
W355	Therapeutic percutaneous puncture of bone
W356	Percutaneous radiofrequency ablation of lesion of bone
W358	Other specified therapeutic puncture of bone
W359	Unspecified therapeutic puncture of bone
W36	Diagnostic puncture of bone
W361	Percutaneous needle biopsy of lesion of bone
W362	Needle biopsy of lesion of bone NEC
W363	Diagnostic drilling of bone
W364	Diagnostic puncture of sternum
W365	Diagnostic extraction of bone marrow NEC
W368	Other specified diagnostic puncture of bone
W369	Unspecified diagnostic puncture of bone
W37	Total prosthetic replacement of hip joint using cement
W370	Conversion from previous cemented total prosthetic replacement of hip joint

<b>OPCS4 codes</b>	<b>Description</b>
W371	Primary total prosthetic replacement of hip joint using cement
W372	Conversion to total prosthetic replacement of hip joint using cement
W373	Revision of total prosthetic replacement of hip joint using cement
W374	Revision of one component of total prosthetic replacement of hip joint using cement
W378	Other specified total prosthetic replacement of hip joint using cement
W379	Unspecified total prosthetic replacement of hip joint using cement
W38	Total prosthetic replacement of hip joint not using cement
W380	Conversion from previous uncemented total prosthetic replacement of hip joint
W381	Primary total prosthetic replacement of hip joint not using cement
W382	Conversion to total prosthetic replacement of hip joint not using cement
W383	Revision of total prosthetic replacement of hip joint not using cement
W384	Revision of one component of total prosthetic replacement of hip joint not using cement
W388	Other specified total prosthetic replacement of hip joint not using cement
W389	Unspecified total prosthetic replacement of hip joint not using cement
W39	Other total prosthetic replacement of hip joint
W390	Conversion from previous total prosthetic replacement of hip joint NEC
W391	Primary total prosthetic replacement of hip joint NEC
W392	Conversion to total prosthetic replacement of hip joint NEC
W393	Revision of total prosthetic replacement of hip joint NEC
W394	Attention to total prosthetic replacement of hip joint NEC
W395	Revision of one component of total prosthetic replacement of hip joint NEC
W396	Closed reduction of dislocated total prosthetic replacement of hip joint
W398	Other specified other total prosthetic replacement of hip joint
W399	Unspecified other total prosthetic replacement of hip joint
W40	Total prosthetic replacement of knee joint using cement
W400	Conversion from previous cemented total prosthetic replacement of knee joint
W401	Primary total prosthetic replacement of knee joint using cement
W402	Conversion to total prosthetic replacement of knee joint using cement
W403	Revision of total prosthetic replacement of knee joint using cement
W404	Revision of one component of total prosthetic replacement of knee joint using cement
W408	Other specified total prosthetic replacement of knee joint using cement
W409	Unspecified total prosthetic replacement of knee joint using cement
W41	Total prosthetic replacement of knee joint not using cement
W410	Conversion from previous uncemented total prosthetic replacement of knee joint
W411	Primary total prosthetic replacement of knee joint not using cement
W412	Conversion to total prosthetic replacement of knee joint not using cement
W413	Revision of total prosthetic replacement of knee joint not using cement
W414	Revision of one component of total prosthetic replacement of knee joint not using cement
W418	Other specified total prosthetic replacement of knee joint not using cement
W419	Unspecified total prosthetic replacement of knee joint not using cement
W42	Other total prosthetic replacement of knee joint

<b>OPCS4 codes</b>	<b>Description</b>
W420	Conversion from previous total prosthetic replacement of knee joint NEC
W421	Primary total prosthetic replacement of knee joint NEC
W422	Conversion to total prosthetic replacement of knee joint NEC
W423	Revision of total prosthetic replacement of knee joint NEC
W424	Attention to total prosthetic replacement of knee joint NEC
W425	Revision of one component of total prosthetic replacement of knee joint NEC
W426	Arthrolysis of total prosthetic replacement of knee joint
W428	Other specified other total prosthetic replacement of knee joint
W429	Unspecified other total prosthetic replacement of knee joint
W43	Total prosthetic replacement of other joint using cement
W430	Conversion from previous cemented total prosthetic replacement of joint NEC
W431	Primary total prosthetic replacement of joint using cement NEC
W432	Conversion to total prosthetic replacement of joint using cement NEC
W433	Revision of total prosthetic replacement of joint using cement NEC
W434	Revision of one component of total prosthetic replacement of joint using cement NEC
W438	Other specified total prosthetic replacement of other joint using cement
W439	Unspecified total prosthetic replacement of other joint using cement
W44	Total prosthetic replacement of other joint not using cement
W440	Conversion from previous uncemented total prosthetic replacement of joint NEC
W441	Primary total prosthetic replacement of joint not using cement NEC
W442	Conversion to total prosthetic replacement of joint not using cement NEC
W443	Revision of total prosthetic replacement of joint not using cement NEC
W444	Revision of one component of total prosthetic replacement of joint not using cement NEC
W448	Other specified total prosthetic replacement of other joint not using cement
W449	Unspecified total prosthetic replacement of other joint not using cement
W45	Other total prosthetic replacement of other joint
W450	Conversion from previous total prosthetic replacement of joint NEC
W451	Primary total prosthetic replacement of joint NEC
W452	Conversion to total prosthetic replacement of joint NEC
W453	Revision of total prosthetic replacement of joint NEC
W454	Attention to total prosthetic replacement of joint NEC
W455	Revision of one component of total prosthetic replacement of joint NEC
W458	Other specified other total prosthetic replacement of other joint
W459	Unspecified other total prosthetic replacement of other joint
W46	Prosthetic replacement of head of femur using cement
W460	Conversion from previous cemented prosthetic replacement of head of femur
W461	Primary prosthetic replacement of head of femur using cement
W462	Conversion to prosthetic replacement of head of femur using cement
W463	Revision of prosthetic replacement of head of femur using cement
W468	Other specified prosthetic replacement of head of femur using cement
W469	Unspecified prosthetic replacement of head of femur using cement
W47	Prosthetic replacement of head of femur not using cement

<b>OPCS4 codes</b>	<b>Description</b>
W470	Conversion from previous uncemented prosthetic replacement of head of femur
W471	Primary prosthetic replacement of head of femur not using cement
W472	Conversion to prosthetic replacement of head of femur not using cement
W473	Revision of prosthetic replacement of head of femur not using cement
W478	Other specified prosthetic replacement of head of femur not using cement
W479	Unspecified prosthetic replacement of head of femur not using cement
W48	Other prosthetic replacement of head of femur
W480	Conversion from previous prosthetic replacement of head of femur NEC
W481	Primary prosthetic replacement of head of femur NEC
W482	Conversion to prosthetic replacement of head of femur NEC
W483	Revision of prosthetic replacement of head of femur NEC
W484	Attention to prosthetic replacement of head of femur NEC
W485	Closed reduction of dislocated prosthetic replacement of head of femur
W488	Other specified other prosthetic replacement of head of femur
W489	Unspecified other prosthetic replacement of head of femur
W49	Prosthetic replacement of head of humerus using cement
W490	Conversion from previous cemented prosthetic replacement of head of humerus
W491	Primary prosthetic replacement of head of humerus using cement
W492	Conversion to prosthetic replacement of head of humerus using cement
W493	Revision of prosthetic replacement of head of humerus using cement
W494	Resurfacing hemiarthroplasty of head of humerus using cement
W498	Other specified prosthetic replacement of head of humerus using cement
W499	Unspecified prosthetic replacement of head of humerus using cement
W50	Prosthetic replacement of head of humerus not using cement
W500	Conversion from previous uncemented prosthetic replacement of head of humerus
W501	Primary prosthetic replacement of head of humerus not using cement
W502	Conversion to prosthetic replacement of head of humerus not using cement
W503	Revision of prosthetic replacement of head of humerus not using cement
W504	Resurfacing hemiarthroplasty of head of humerus not using cement
W508	Other specified prosthetic replacement of head of humerus not using cement
W509	Unspecified prosthetic replacement of head of humerus not using cement
W51	Other prosthetic replacement of head of humerus
W510	Conversion from previous prosthetic replacement of head of humerus NEC
W511	Primary prosthetic replacement of head of humerus NEC
W512	Conversion to prosthetic replacement of head of humerus NEC
W513	Revision of prosthetic replacement of head of humerus NEC
W514	Attention to prosthetic replacement of head of humerus NEC
W515	Resurfacing hemiarthroplasty of head of humerus NEC
W518	Other specified other prosthetic replacement of head of humerus
W519	Unspecified other prosthetic replacement of head of humerus
W52	Prosthetic replacement of articulation of other bone using cement
W520	Conversion from previous cemented prosthetic replacement of articulation of bone NEC

<b>OPCS4 codes</b>	<b>Description</b>
W521	Primary prosthetic replacement of articulation of bone using cement NEC
W522	Conversion to prosthetic replacement of articulation of bone using cement NEC
W523	Revision of prosthetic replacement of articulation of bone using cement NEC
W528	Other specified prosthetic replacement of articulation of other bone using cement
W529	Unspecified prosthetic replacement of articulation of other bone using cement
W53	Prosthetic replacement of articulation of other bone not using cement
W530	Conversion from previous uncemented prosthetic replacement of articulation of bone NEC
W531	Primary prosthetic replacement of articulation of bone not using cement NEC
W532	Conversion to prosthetic replacement of articulation of bone not using cement NEC
W533	Revision of prosthetic replacement of articulation of bone not using cement NEC
W538	Other specified prosthetic replacement of articulation of other bone not using cement
W539	Unspecified prosthetic replacement of articulation of other bone not using cement
W54	Other prosthetic replacement of articulation of other bone
W540	Conversion from previous prosthetic replacement of articulation of bone NEC
W541	Primary prosthetic replacement of articulation of bone NEC
W542	Conversion to prosthetic replacement of articulation of bone NEC
W543	Revision of prosthetic replacement of articulation of bone NEC
W544	Attention to prosthetic replacement of articulation of bone NEC
W548	Other specified other prosthetic replacement of articulation of other bone
W549	Unspecified other prosthetic replacement of articulation of other bone
W55	Prosthetic interposition reconstruction of joint
W550	Conversion from previous prosthetic interposition arthroplasty of joint
W551	Primary prosthetic interposition arthroplasty of joint
W552	Revision of prosthetic interposition arthroplasty of joint
W553	Conversion to prosthetic interposition arthroplasty of joint
W554	Attention to prosthetic interposition arthroplasty of joint NEC
W558	Other specified prosthetic interposition reconstruction of joint
W559	Unspecified prosthetic interposition reconstruction of joint
W56	Other interposition reconstruction of joint
W560	Conversion from previous interposition arthroplasty of joint NEC
W561	Primary interposition arthroplasty of metatarsophalangeal joint NEC
W562	Primary interposition arthroplasty of joint NEC
W563	Revision of interposition arthroplasty of joint NEC
W564	Conversion to interposition arthroplasty of joint NEC
W568	Other specified other interposition reconstruction of joint
W569	Unspecified other interposition reconstruction of joint
W57	Excision reconstruction of joint
W570	Conversion from previous excision arthroplasty of joint
W571	Primary excision arthroplasty of first metatarsophalangeal joint
W572	Primary excision arthroplasty of joint NEC
W573	Revision of excision arthroplasty of joint
W574	Conversion to excision arthroplasty of joint

<b>OPCS4 codes</b>	<b>Description</b>
W578	Other specified excision reconstruction of joint
W579	Unspecified excision reconstruction of joint
W58	Other reconstruction of joint
W580	Conversion from previous resurfacing arthroplasty of joint
W581	Primary resurfacing arthroplasty of joint
W582	Revision of resurfacing arthroplasty of joint
W588	Other specified other reconstruction of joint
W589	Unspecified other reconstruction of joint
W59	Fusion of joint of toe
W591	Fusion of first metatarsophalangeal joint and replacement of lesser metatarsophalangeal joint
W592	Fusion of first metatarsophalangeal joint and excision of lesser metatarsophalangeal joint
W593	Fusion of first metatarsophalangeal joint NEC
W594	Fusion of interphalangeal joint of great toe
W595	Fusion of interphalangeal joint of toe NEC
W596	Revision of fusion of joint of toe
W598	Other specified fusion of joint of toe
W599	Unspecified fusion of joint of toe
W60	Fusion of other joint and extra-articular bone graft
W600	Conversion from previous arthrodesis and extra-articular bone graft NEC
W601	Primary arthrodesis and extra-articular bone graft NEC
W602	Revision of arthrodesis and extra-articular bone graft NEC
W603	Conversion to arthrodesis and extra-articular bone graft NEC
W608	Other specified fusion of other joint and extra-articular bone graft
W609	Unspecified fusion of other joint and extra-articular bone graft
W61	Fusion of other joint and other articular bone graft
W610	Conversion from previous arthrodesis and articular bone graft NEC
W611	Primary arthrodesis and articular bone graft NEC
W612	Revision of arthrodesis and articular bone graft NEC
W613	Conversion to arthrodesis and articular bone graft NEC
W618	Other specified fusion of other joint and other articular bone graft
W619	Unspecified fusion of other joint and other articular bone graft
W62	Other primary fusion of other joint
W621	Primary arthrodesis and internal fixation of joint NEC
W622	Primary arthrodesis and external fixation of joint NEC
W628	Other specified other primary fusion of other joint
W629	Unspecified other primary fusion of other joint
W63	Revisional fusion of other joint
W631	Revision of arthrodesis and internal fixation NEC
W632	Revision of arthrodesis and external fixation NEC
W638	Other specified revisional fusion of other joint
W639	Unspecified revisional fusion of other joint

<b>OPCS4 codes</b>	<b>Description</b>
W64	Conversion to fusion of other joint
W640	Conversion from previous arthrodesis NEC
W641	Conversion to arthrodesis and internal fixation NEC
W642	Conversion to arthrodesis and external fixation NEC
W648	Other specified conversion to fusion of other joint
W649	Unspecified conversion to fusion of other joint
W65	Primary open reduction of traumatic dislocation of joint
W651	Primary open reduction of fracture dislocation of joint and skeletal traction HFQ
W652	Primary open reduction of traumatic dislocation of joint and skeletal traction NEC
W653	Primary open reduction of fracture dislocation of joint NEC
W654	Primary open reduction of fracture dislocation of joint and internal fixation NEC
W655	Primary open reduction of fracture dislocation of joint and combined internal and external fixation
W658	Other specified primary open reduction of traumatic dislocation of joint
W659	Unspecified primary open reduction of traumatic dislocation of joint
W66	Primary closed reduction of traumatic dislocation of joint
W661	Primary closed reduction of fracture dislocation of joint and skeletal traction HFQ
W662	Primary closed reduction of traumatic dislocation of joint and skeletal traction NEC
W663	Primary manipulative closed reduction of fracture dislocation of joint NEC
W664	Primary closed reduction of fracture dislocation of joint and internal fixation
W668	Other specified primary closed reduction of traumatic dislocation of joint
W669	Unspecified primary closed reduction of traumatic dislocation of joint
W67	Secondary reduction of traumatic dislocation of joint
W671	Secondary open reduction of fracture dislocation of joint and skeletal traction HFQ
W672	Secondary open reduction of traumatic dislocation of joint and skeletal traction NEC
W673	Secondary open reduction of fracture dislocation of joint NEC
W674	Secondary open reduction of traumatic dislocation of joint NEC
W675	Remanipulation of fracture dislocation of joint
W676	Remanipulation of traumatic dislocation of joint
W677	Secondary open reduction of fracture dislocation of joint and internal fixation NEC
W678	Other specified secondary reduction of traumatic dislocation of joint
W679	Unspecified secondary reduction of traumatic dislocation of joint
W68	Primary reduction of injury to growth plate
W681	Open reduction of injury to growth plate and internal fixation HFQ
W682	Open reduction of injury to growth plate and traction HFQ
W683	Open reduction of injury to growth plate NEC
W684	Closed reduction of injury to growth plate and internal fixation HFQ
W685	Closed reduction of injury to growth plate and traction HFQ
W686	Closed reduction of injury to growth plate NEC
W688	Other specified primary reduction of injury to growth plate
W689	Unspecified primary reduction of injury to growth plate
W69	Open operations on synovial membrane of joint
W691	Total synovectomy

<b>OPCS4 codes</b>	<b>Description</b>
W692	Subtotal synovectomy
W693	Partial synovectomy
W694	Open biopsy of synovial membrane of joint
W695	Open division of synovial plica
W698	Other specified open operations on synovial membrane of joint
W699	Unspecified open operations on synovial membrane of joint
W70	Open operations on semilunar cartilage
W701	Open total excision of semilunar cartilage
W702	Open excision of semilunar cartilage NEC
W703	Open repair of semilunar cartilage
W708	Other specified open operations on semilunar cartilage
W709	Unspecified open operations on semilunar cartilage
W71	Other open operations on intra-articular structure
W711	Open drilling of articular cartilage
W712	Open excision of intra-articular osteophyte
W713	Forage of joint
W714	Open autologous chondrocyte implantation into articular structure
W718	Other specified other open operations on intra-articular structure
W719	Unspecified other open operations on intra-articular structure
W72	Prosthetic replacement of ligament
W721	Primary prosthetic replacement of multiple ligaments
W722	Prosthetic replacement of multiple ligaments NEC
W723	Primary prosthetic replacement of intra-articular ligament
W724	Prosthetic replacement of intra-articular ligament NEC
W725	Primary prosthetic replacement of extra-articular ligament
W726	Prosthetic replacement of extra-articular ligament NEC
W728	Other specified prosthetic replacement of ligament
W729	Unspecified prosthetic replacement of ligament
W73	Prosthetic reinforcement of ligament
W731	Primary extra-articular prosthetic augmentation of intra-articular ligament NEC
W732	Extra-articular prosthetic augmentation of intra-articular ligament NEC
W733	Primary prosthetic reinforcement of intra-articular ligament NEC
W734	Prosthetic reinforcement of intra-articular ligament NEC
W738	Other specified prosthetic reinforcement of ligament
W739	Unspecified prosthetic reinforcement of ligament
W74	Other reconstruction of ligament
W741	Reconstruction of multiple ligaments NEC
W742	Reconstruction of intra-articular ligament NEC
W743	Reconstruction of extra-articular ligament NEC
W748	Other specified other reconstruction of ligament
W749	Unspecified other reconstruction of ligament
W75	Other open repair of ligament
W751	Open repair of multiple ligaments NEC

<b>OPCS4 codes</b>	<b>Description</b>
W752	Open repair of intra-articular ligament NEC
W753	Open repair of extra-articular ligament NEC
W758	Other specified other open repair of ligament
W759	Unspecified other open repair of ligament
W76	Other operations on ligament
W761	Excision of ligament
W762	Excision of lesion of ligament
W763	Biopsy of lesion of ligament
W768	Other specified other operations on ligament
W769	Unspecified other operations on ligament
W77	Stabilising operations on joint
W771	Repair of capsule of joint for stabilisation of joint NEC
W772	Transposition of muscle for stabilisation of joint
W773	Blocking operations on joint using prosthesis for stabilisation of joint
W774	Blocking operations on joint using bone for stabilisation of joint
W775	Periarticular osteotomy for stabilisation of joint
W776	Annular ligament reconstruction for stabilisation of joint
W777	Transposition of ligament for stabilisation of joint
W778	Other specified stabilising operations on joint
W779	Unspecified stabilising operations on joint
W78	Release of contracture of joint
W781	Release of contracture of shoulder joint
W782	Release of contracture of hip joint
W783	Release of contracture of knee joint
W784	Limited release of contracture of capsule of joint
W785	Release of contracture of elbow joint
W788	Other specified release of contracture of joint
W789	Unspecified release of contracture of joint
W79	Soft tissue operations on joint of toe
W791	Soft tissue correction of hallux valgus
W792	Excision of bunion NEC
W793	Syndactylisation of lesser toes
W798	Other specified soft tissue operations on joint of toe
W799	Unspecified soft tissue operations on joint of toe
W80	Debridement and irrigation of joint
W801	Open debridement and irrigation of joint
W802	Open debridement of joint NEC
W803	Open irrigation of joint NEC
W808	Other specified debridement and irrigation of joint
W809	Unspecified debridement and irrigation of joint
W81	Other open operations on joint
W811	Excision of lesion of joint NEC
W812	Open removal of loose body from joint

<b>OPCS4 codes</b>	<b>Description</b>
W813	Drainage of joint
W814	Incision of joint NEC
W815	Exploration of joint NEC
W816	Capsulorrhaphy of joint
W817	Insertion of therapeutic spacer into joint
W818	Other specified other open operations on joint
W819	Unspecified other open operations on joint
W82	Therapeutic endoscopic operations on semilunar cartilage
W821	Endoscopic total excision of semilunar cartilage
W822	Endoscopic resection of semilunar cartilage NEC
W823	Endoscopic repair of semilunar cartilage
W828	Other specified therapeutic endoscopic operations on semilunar cartilage
W829	Unspecified therapeutic endoscopic operations on semilunar cartilage
W83	Therapeutic endoscopic operations on other articular cartilage
W831	Endoscopic drilling of lesion of articular cartilage
W832	Endoscopic fixation of lesion of articular cartilage
W833	Endoscopic shaving of articular cartilage
W834	Endoscopic articular abrasion chondroplasty
W835	Endoscopic articular thermal chondroplasty
W836	Endoscopic excision of articular cartilage NEC
W837	Endoscopic osteochondral autograft
W838	Other specified therapeutic endoscopic operations on other articular cartilage
W839	Unspecified therapeutic endoscopic operations on other articular cartilage
W84	Therapeutic endoscopic operations on other joint structure
W841	Endoscopic repair of intra-articular ligament
W842	Endoscopic reattachment of intra-articular ligament
W843	Endoscopic division of synovial plica
W844	Endoscopic decompression of joint
W845	Endoscopic drilling of epiphysis for repair of articular cartilage
W846	Endoscopic excision of synovial plica
W847	Endoscopic repair of superior labrum anterior to posterior tear
W848	Other specified therapeutic endoscopic operations on other joint structure
W849	Unspecified therapeutic endoscopic operations on other joint structure
W85	Therapeutic endoscopic operations on cavity of knee joint
W851	Endoscopic removal of loose body from knee joint
W852	Endoscopic irrigation of knee joint
W853	Endoscopic autologous chondrocyte implantation of knee joint
W858	Other specified therapeutic endoscopic operations on cavity of knee joint
W859	Unspecified therapeutic endoscopic operations on cavity of knee joint
W86	Therapeutic endoscopic operations on cavity of other joint
W861	Endoscopic removal of loose body from joint NEC
W868	Other specified therapeutic endoscopic operations on cavity of other joint
W869	Unspecified therapeutic endoscopic operations on cavity of other joint

<b>OPCS4 codes</b>	<b>Description</b>
W87	Diagnostic endoscopic examination of knee joint
W871	Diagnostic endoscopic examination of knee joint and biopsy of lesion of knee joint
W878	Other specified diagnostic endoscopic examination of knee joint
W879	Unspecified diagnostic endoscopic examination of knee joint
W88	Diagnostic endoscopic examination of other joint
W881	Diagnostic endoscopic examination of joint and biopsy of lesion of joint NEC
W888	Other specified diagnostic endoscopic examination of other joint
W889	Unspecified diagnostic endoscopic examination of other joint
W89	Other therapeutic endoscopic operations on other articular cartilage
W891	Endoscopic chondroplasty NEC
W892	Endoscopic harvest of autologous chondrocytes
W898	Other specified other therapeutic endoscopic operations on other articular cartilage
W899	Unspecified other therapeutic endoscopic operations on other articular cartilage
W90	Puncture of joint
W901	Aspiration of joint
W902	Arthrography
W903	Injection of therapeutic substance into joint
W904	Injection into joint NEC
W908	Other specified puncture of joint
W909	Unspecified puncture of joint
W91	Other manipulation of joint
W911	Manipulation of joint using traction NEC
W912	Ponsetti manipulation
W913	Manipulation of prosthetic joint NEC
W918	Other specified other manipulation of joint
W919	Unspecified other manipulation of joint
W92	Other operations on joint
W921	Biopsy of lesion of joint NEC
W922	Distension of joint
W923	Examination of joint under image intensifier
W924	Examination of joint under anaesthetic
W925	Examination of joint NEC
W928	Other specified other operations on joint
W929	Unspecified other operations on joint
W93	Hybrid prosthetic replacement of hip joint using cemented acetabular component
W930	Conversion from previous hybrid prosthetic replacement of hip joint using cemented acetabular component
W931	Primary hybrid prosthetic replacement of hip joint using cemented acetabular component
W932	Conversion to hybrid prosthetic replacement of hip joint using cemented acetabular component
W933	Revision of hybrid prosthetic replacement of hip joint using cemented acetabular component
W938	Other specified hybrid prosthetic replacement of hip joint using cemented acetabular

<b>OPCS4 codes</b>	<b>Description</b>
	component
W939	Unspecified hybrid prosthetic replacement of hip joint using cemented acetabular component
W94	Hybrid prosthetic replacement of hip joint using cemented femoral component
W940	Conversion from previous hybrid prosthetic replacement of hip joint using cemented femoral component
W941	Primary hybrid prosthetic replacement of hip joint using cemented femoral component
W942	Conversion to hybrid prosthetic replacement of hip joint using cemented femoral component
W943	Revision of hybrid prosthetic replacement of hip joint using cemented femoral component
W948	Other specified hybrid prosthetic replacement of hip joint using cemented femoral component
W949	Unspecified hybrid prosthetic replacement of hip joint using cemented femoral component
W95	Hybrid prosthetic replacement of hip joint using cement
W950	Conversion from previous hybrid prosthetic replacement of hip joint using cement NEC
W951	Primary hybrid prosthetic replacement of hip joint using cement NEC
W952	Conversion to hybrid prosthetic replacement of hip joint using cement NEC
W953	Revision of hybrid prosthetic replacement of hip joint using cement NEC
W954	Attention to hybrid prosthetic replacement of hip joint using cement NEC
W958	Other specified hybrid prosthetic replacement of hip joint using cement
W959	Unspecified hybrid prosthetic replacement of hip joint using cement
W96	Total prosthetic replacement of shoulder joint using cement
W960	Conversion from total prosthetic replacement of shoulder joint using cement
W961	Primary total prosthetic replacement of shoulder joint using cement
W962	Conversion to total prosthetic replacement of shoulder joint using cement
W963	Revision of total prosthetic replacement of shoulder joint using cement
W964	Revision of one component of total prosthetic replacement of shoulder joint using cement
W965	Primary reverse polarity total prosthetic replacement of shoulder joint using cement
W966	Revision of reverse polarity total prosthetic replacement of shoulder joint using cement
W968	Other specified total prosthetic replacement of shoulder joint using cement
W969	Unspecified total prosthetic replacement of shoulder joint using cement
W97	Total prosthetic replacement of shoulder joint not using cement
W970	Conversion from total prosthetic replacement of shoulder joint not using cement
W971	Primary total prosthetic replacement of shoulder joint not using cement
W972	Conversion to total prosthetic replacement of shoulder joint not using cement
W973	Revision of total prosthetic replacement of shoulder joint not using cement
W974	Revision of one component of total prosthetic replacement of shoulder joint not using cement
W975	Primary reverse polarity total prosthetic replacement of shoulder joint not using cement
W976	Revision of reverse polarity total prosthetic replacement of shoulder joint not using cement

OPCS4 codes	Description
W978	Other specified total prosthetic replacement of shoulder joint not using cement
W979	Unspecified total prosthetic replacement of shoulder joint not using cement
W98	Total prosthetic replacement of shoulder joint
W980	Conversion from total prosthetic replacement of shoulder joint NEC
W981	Primary total prosthetic replacement of shoulder joint NEC
W982	Conversion to total prosthetic replacement of shoulder joint NEC
W983	Revision of total prosthetic replacement of shoulder joint NEC
W984	Attention to total prosthetic replacement of shoulder joint NEC
W985	Revision of one component of total prosthetic replacement of shoulder joint NEC
W986	Primary reverse polarity total prosthetic replacement of shoulder joint NEC
W987	Revision of reverse polarity total prosthetic replacement of shoulder joint NEC
W988	Other specified total prosthetic replacement of shoulder joint
W989	Unspecified total prosthetic replacement of shoulder joint
W99	Graft of cord blood stem cells to bone marrow
W991	Allograft of cord blood stem cells to bone marrow
W998	Other specified graft of cord blood stem cells to bone marrow
W999	Unspecified graft of cord blood stem cells to bone marrow