

Supplemental Table 1. ICD codes for non-elective TEA

<b>Description</b>	<b>ICD-9 Code</b>
Closed fracture of head of radius	81305
Mechanical loosening of prosthetic joint	99641
Unspecified mechanical complications of orthopedic device, implant, and graft	99640
Broken prosthetic joint	99643
Closed fracture of the olecranon	81301
Other mechanical complication of prosthetic joint	99647
Other complications due to orthopedic device, implant, and graft	99678
Closed fracture of the radius with ulna	81308
Infection and inflammatory reaction due to internal joint prosthesis	99666
Malignant neoplasm of scapula and long bones of upper limb	1704
Secondary malignant neoplasm of bone and bone marrow	1985
Pathologic fracture of humerus	73311
Periprosthetic fracture	99644
Mechanical complication of other internal orthopedic device	99649
Fracture of humeral shaft	81221
Dislocated prosthetic joint	99642
Multiple myeloma	20300
Osteomyelitis NOS upper arm	73022
Forearm deformity NOS	73600
Forearm deformity NEC	73609
Fracture upper end of humerus	81200
Colles fracture	81341
Fracture distal radius NEC	81342
Sprain ulnar collateral ligament	8411
Mechanical complication due to other implant and internal device not elsewhere classified	99659
Other postoperative infection	99859
Malignant neoplasm of connective and soft tissue upper limb	1712
Carpal tunnel syndrome	3540
Ulnar nerve lesion	3542
Pulmonary insufficiency following trauma and surgery	5185
Localized primary OA of hand	71514
Derangement posterior horn lateral meniscus	71743
Recurrent dislocation upper arm	71832
Joint derangement NEC, shoulder	71881
Hemarthrosis upper arm	71912
Adhesive capsulitis shoulder	7260
Biceps tendon rupture	72762
Major osseous defect	7313
Upper limb anomaly NOS	75550

Fracture of humerus NOS, closed	81220
Fracture of coronoid process ulna, closed	81302
Fracture of upper ulna NEC/NOS closed	81304
Fracture of radial shaft, closed	81321
Fracture neck of femur NOS, open	8209
Fracture NOS, open	8291
Dislocated elbow NOS, closed	83200
Medial dislocated elbow, closed	83203
Sprain shoulder/arm NEC	8408
Sprain elbow/forearm NEC	8418
Sprain elbow/forearm NOS	8419
Articular wear prosthetic joint	99646
Infection and inflammatory reaction due to other internal orthopedic device	99667
Other complications due to internal joint prosthesis	99677
Displaced fracture head of R radius	S52121A
<b>Description</b>	<b>ICD-10 code</b>
Displaced fracture head of L radius	S52.122A
Other specified complication of internal orthopedic prosthetic device, implants and grafts, initial encounter	T84.89XA
Malignant neoplasm of scapula and long bones of R upper limb	C4.001
Lesion of ulnar nerve right upper limb	G5.621
Primary OA right shoulder	M19.011
Other specified acquired deformities, left upper arm	M21.822
Unspecified fracture of shaft of right humerus, initial encounter open fracture	S42.301B
Unspecified fracture of shaft of humerus left arm subsequent encounter with nonunion	S42.302K
Displaced fracture of neck of right radius, initial encounter for closed fracture	S52.131A
Bartons fracture of right radius, initial encounter for closed fracture	S52.561A
Broken internal prosthetic joint, initial encounter unspecified site	T84.019A
Mechanical loosening of other internal prosthetic joint, initial encounter	T84.038A
Periprosthetic fracture around other internal prosthetic joint, initial encounter	T84.048A
Other mechanical complications of other internal prosthetic joint, initial encounter	T84.098A
Other mechanical complication of other bone devices, implants and grafts, initial encounter	T84.398A
Infection and inflammatory reaction due to internal joint prosthesis, initial encounter	T84.59XA
Elbow joint replacement	V43.62
Aftercare following joint replacement	V54.81
Acquired absence of other joint	V88.29
Presence of right artificial elbow joint	Z96.621