

Supplementary Table 3: Procedure codes and description from DAD and NACRS-SDS databases.

DAD / NACRS-SDS Procedure Code	Procedure Description
1TV74LANW	Fixation, radius and ulna open approach no tissue used using plate, screw
1TH80WUNW	Repair, tendons of the arm [around shoulder] using tenodesis with screw fixation [e.g. tendon with a bone plug fixed to bone with screw] Simple repair (without graft or transfer involved)
1TV87LAPM	Excision partial, radius and ulna no tissue used (for closure of defect) using endoprosthesis [radial or humeral head]
1UB74LAKDA	Fixation, wrist joint open approach with bone autograft using wire, mesh, staple
1UF74LAKDA	Fixation, other metacarpal bones open approach with bone autograft using wire, staple
1UF80LA	Repair, other metacarpal bones no tissue used (for repair) no device used
1UI93LAXXE	Amputation, first phalanx of hand using local flap [e.g. V-Y plasty]
1UM75LAKD	Fusion, first interphalangeal joint of hand open approach using wire, tension band
1VX52LA	Drainage, soft tissue of leg using open (incisional) approach
1YU87LAXXA	Excision partial, skin of hand open [excisional] approach using full thickness autograft
1BN87LAXXQ	Excision partial, nerve(s) of forearm and wrist end to end [rejoining] technique (e.g. suture, glue) combined transposition of nerves with a nerve autograft
1BQ87WF	Excision partial, nerve(s) of digit of hand no rejoining [of nerve ends] nerve end buried
1JU51LA	Occlusion, veins of arm NEC using open approach
1UC79HAKC	Repair by increasing size, distal radioulnar joint and carpal joints and bones no tissue used in lengthening [or distracting] using external fixator device [for distraction]
1TX87LAXXA	Excision partial, soft tissue of arm NEC using open approach and autograft [e.g. fascia or skin] (to close surgical defect)
1UB55JAGX	Removal of device, wrist joint of device NEC using external approach
1UB87GB	Excision partial, wrist joint endoscopic [arthroscopic] approach, synovectomy [dissection] alone
1UF55LANW	Removal of device, other metacarpal bones of plate/screw using open approach
1TA80LA	Repair, shoulder joint open approach using simple apposition technique only [e.g. suturing]
1UB52WK	Drainage, wrist joint using open incisional approach [e.g. bursotomy]
1UB80LAXXA	Repair, wrist joint open approach using autograft [e.g. bone, interpositional fascia lata, muscle graft, rolled òanchovyö graft]
1UE73JA	Reduction, first metacarpal bone using closed (external) approach
1UI73LA	Reduction, first phalanx of hand using open approach
1UB74DANW	Fixation, wrist joint endoscopic [arthroscopic] approach fixation device alone using plate, screw

1UB74LANWQ	Fixation, wrist joint open approach with combined sources of tissue [e.g. bone graft, cement/paste] using plate, screw
1UC75LAKD	Fusion, distal radioulnar joint and carpal joints and bones fixation device [alone] using wire, staple
1UF93LAXXE	Amputation, other metacarpal bones using local flap [e.g. myoplasty or myodesis] (for closure of stump)
1UI56LA	Removal of foreign body, first phalanx of hand using open approach
1UK53LAPM	Implantation of internal device, other interphalangeal joints of hand of uncemented single-component prosthetic device using open approach
1UB53LAPM	Implantation of internal device, wrist joint uncemented single-component prosthetic device [e.g. styloid process of radius]
1UB80DA	Repair, wrist joint endoscopic [arthroscopic] approach using simple apposition technique only [e.g. suturing]
1UJ93LAXXF	Amputation, other phalanx of hand using free flap [e.g. toe-to-finger flap]
1UK55HAKD	Removal of device, other interphalangeal joints of hand of wire/staple using percutaneous approach
1UM73LA	Reduction, first interphalangeal joint of hand using open approach
1UJ55LANW	Removal of device, other phalanx of hand of plate/screw using open approach
1UJ74LAKDN	Fixation, other phalanx of hand open approach with synthetic tissue [bone cement, paste] using wire, staple, tension band
1UK80LAKDA	Repair, other interphalangeal joints of hand joint repair alone with autograft [e.g. bone, interpositional tendon, fascia] using wire, staple, tension band
1UK80LAXXA	Repair, other interphalangeal joints of hand joint repair alone with autograft [e.g. bone, interpositional tendon, fascia] no device used (for repair)
1UM74LANW	Fixation, first interphalangeal joint of hand using open approach and screw
1UM87LA	Excision partial, first interphalangeal joint of hand using open approach
1US80WUNW	Repair, extensor tendons of finger [excludes thumb] using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] simple repair (without graft or transfer involved)
1UY80LAXXF	Repair, soft tissue of the wrist and hand using open approach and free flap
1JM87LAXXA	Excision partial, arteries of arm NEC using autograft open approach
1JU80LAXXA	Repair, veins of arm NEC using open approach with autograft
1TQ72WJ	Release, muscles of the forearm [around elbow] using excisional technique [e.g. fasciectomy]
1TV74LAKDQ	Fixation, radius and ulna open approach with combined sources of tissue [e.g. bone graft, cement/paste] using wire, mesh, staple
1UB03JAFG	Immobilization, wrist joint using binding device (e.g. restrictive dressing, taping)
1UB74LANVA	Fixation, wrist joint open approach with bone autograft using pin, nail
1UE74LANV	Fixation, first metacarpal bones open approach fixation device alone using pin, nail
1UG87WJ	Excision partial, other metacarpophalangeal joint(s) using synovectomy dissection only

1UG93LAXXE	Amputation, other metacarpophalangeal joint(s) using local flap myoplasty or myodesis (for closure of stump)
1TM74LAKDN	Fixation, elbow joint open approach with synthetic tissue[e.g. bone cement, or paste] using wire, mesh, staple
1TV74LANVQ	Fixation, radius and ulna open approach with combined sources of tissue [e.g. bone graft, cement/paste] using pin, nail
1UB52HA	Drainage, wrist joint using percutaneous (needle) approach for aspiration
1UB53LAPN	Implantation of internal device, wrist joint uncemented dual-component prosthetic device [e.g. proximal radius and ulnar head with or without scaphoid or lunate component]
1UC89LA	Excision total, distal radioulnar joint and carpal joints and bones using open approach
1UM80LAKD	Repair, first interphalangeal joint of hand, joint repair alone no tissue used (for repair) using wire, staple, tension band
1TX87LAXXE	Excision partial, soft tissue of arm NEC using open approach and local transposition flap [e.g. advancement muscle or Z-plasty skin flap] (to close surgical defect)
1UC80LAXXE	Repair, distal radioulnar joint and carpal joints and bones open approach using local tendon transfer [rebalancing]
1UH73LA	Reduction, first metacarpophalangeal joint using open approach
1UI93LAXXA	Amputation, first phalanx of hand using autograft [e.g. full-thickness skin graft or bone graft] (for closure of stump)
1UK80LANW	Repair, other interphalangeal joints of hand joint repair alone no tissue used (for repair) using screw, plate and screw
1UK80VJKD	Repair, other interphalangeal joints of hand joint repair with phalangeal osteotomy (for realigning joint) no tissue used (for repair) using wire, staple, tension band
1UM73JA	Reduction, first interphalangeal joint of hand using closed (external) approachh
1UM74LANV	Fixation, first interphalangeal joint of hand using open approach and pin or nail
1UU53LASL	Implantation of internal device, tendons of thumb [Pollicis tendons] of spacer device [e.g. Silastic rod] (with or without wire or screw) using open approach
1UJ74LALQ	Fixation, other phalanx of hand open approach fixation device alone using intramedullary nail
1US58LAXXA	Procurement, extensor tendons of finger [excludes thumb] of tendon autograft using open approach
1VD58LAXXA	Procurement, muscles of hip and thigh of muscle (or fascia) graft using open approach
1TV56LA	Removal of foreign body, radius and ulna using open approach
1UE82LAKD	Reattachment, first metacarpal bone using wire/staple fixation with apposition technique
1UI80LA	Repair, first phalanx of hand no tissue used (for repair) no device used
1UI82LA	Reattachment, first phalanx of hand using simple apposition technique [e.g. suture]
1UK74HANW	Fixation, other interphalangeal joints of hand using percutaneous (closed) approach and plate/screw

1UT80WUXXE	Repair, flexor tendons of finger [excludes thumb] using tenodesis technique [tendon looped or sutured to or through bone] with tendon transfer for realignment [e.g. advancement, transposition]
1UU80LAXXQ	Repair, tendons of thumb [Pollicis tendons] using apposition technique [e.g. tendon sutured to tendon] with combined sources of tissue [e.g. autograft, tendon transfer, goretex]
1UB74LANWK	Fixation, wrist joint open approach with bone homograft using plate, screw
1UC80LAXXN	Repair, distal radioulnar joint and carpal joints and bones open approach using synthetic tissue [e.g. mesh, gortex, silastic sheath]
1UG72LA	Release, other metacarpophalangeal joint(s) using open (incisional) approach
1UG75LAKD	Fusion, other metacarpophalangeal joint(s) joint fusion alone no tissue used (for fusion) using wire, staple, tension band
1UH74LANW	Fixation, first metacarpophalangeal joint open approach, fixation device alone using plate, screw
1UJ71LAXXE	Division, other phalanx of hand division involving skin and soft tissue only (simple syndactyly) using local flap [e.g. volar, dorsal]
1UJ80LAKDA	Repair, other phalanx of hand using autograft [e.g. bone peg] using wire, staple
1UK55LANV	Removal of device, other interphalangeal joints of hand of pin/nail using open approach
1UY87LAXXA	Excision partial, soft tissue of the wrist and hand using open approach and autograft [e.g. fascia or skin] (for closure of defect)
1TV82LANW	Reattachment, radius and ulna using open approach and plate/screw fixation with apposition technique [e.g. suturing]
1UB74LAKDN	Fixation, wrist joint open approach with synthetic tissue [e.g. bone cement, or paste] using wire, mesh, staple
1UF93LAXXA	Amputation, other metacarpal bones using skin graft (for closure of stump)
1UG80LANW	Repair, other metacarpophalangeal joint(s) joint repair alone no tissue used (for repair) using screw, plate and screw
1UI80LAKD	Repair, first phalanx of hand no tissue used (for repair) using wire, staple
1UK53LAQD	Implantation of internal device, other interphalangeal joints of hand of single-component prosthetic device with (additional) wire fixation (for stabilization) using open approach
1US80LAXXQ	Repair, extensor tendons of finger [excludes thumb] using apposition technique [e.g. tendon sutured to tendon] with combined sources of tissue [e.g. autograft, tendon transfer, goretex]
1UT80LAXXN	Repair, flexor tendons of finger [excludes thumb] using apposition technique [e.g. tendon sutured to tendon] with synthetic tissue [e.g. gortex, mesh]
1UU80WUNW	Repair, tendons of thumb [Pollicis tendons] using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] simple repair (without graft or transfer involved)
1VD58LAXXF	Procurement, muscles of hip and thigh of free flap using open approach
1BM80UH	Repair, nerve(s) of upper arm and elbow using interfascicular [split] repair [rejoining] technique
1BM87LAXXQ	Excision partial, nerve(s) of upper arm and elbow end-to-end [rejoining] technique (e.g. suture, glue) combined transposition of nerves with a nerve autograft

1BP87LAXXA	Excision partial, nerve(s) of hand end to end suture [rejoining] technique nerve autograft (to replace lost length)
1SY58LAXXF	Procurement, muscles of the chest and abdomen of free flap
1TQ58LAXXF	Procurement, muscles of the forearm [around elbow] free flap using open approach
1TS80LAXXE	Repair, tendons of the forearm [around elbow] using apposition technique [e.g. tendon sutured to tendon] with tendon transfer for realignment, [e.g. advancement, transposition]
1TV58LAXXK	Procurement, radius and ulna of bone graft (from deceased donor) using open approach
1TV80LANWK	Repair, radius and ulna with bone homograft using plate, screw
1UB75LANWA	Fusion, wrist joint with bone autograft using plate, screw
1UB80LAXXE	Repair, wrist joint open approach using local tendon transfer [rebalancing]
1UC75LANW	Fusion, distal radioulnar joint and carpal joints and bones fixation device [alone] using plate, screw
1UH74HANV	Fixation, first metacarpophalangeal joint percutaneous approach [closed], fixation device alone using pin, nail
1UI55LAKD	Removal of device, first phalanx of hand of wire/staple using open approach
1UK80LANV	Repair, other interphalangeal joints of hand joint repair alone no tissue used (for repair) using pin, nail
1UV80WUNW	Repair, tendons of wrist and hand using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] simple repair (without graft or transfer involved)
1TS58LAXXA	Procurement, tendons of the forearm [around elbow] of tendon autograft using open approach
1TS80WUXXE	Repair, tendons of the forearm [around elbow] using tenodesis technique [e.g. tendon looped or sutured to or through bone] with tendon transfer for realignment, [e.g. advancement, transposition]
1TV80LANWN	Repair, radius and ulna with synthetic tissue [e.g. bone cement, paste] using plate, screw
1TV83LAXXA	Transfer, radius and ulna using open approach and bone autograft
1TV87LANW	Excision partial, radius and ulna no tissue used (for closure of defect) using screw, plate and screw
1TV93LA	Amputation, radius and ulna using simple apposition technique [e.g. suturing] (for closure of stump)
1TX56JA	Removal of foreign body, soft tissue of arm NEC using external approach (for simple extraction)
1UF56LA	Removal of foreign body, other metacarpal bones using open approach
1UF74LALQ	Fixation, other metacarpal bones open approach fixation device alone using intramedullary nail
1UG74LAKDA	Fixation, other metacarpophalangeal joint(s) open approach, with bone autograft using wire, staple, tension band
1UG80LANV	Repair, other metacarpophalangeal joint(s) joint repair alone no tissue used (for repair) using pin, nail
1UG93LAXXA	Amputation, other metacarpophalangeal joint(s) using skin graft (for closure of stump)

1UI93LAXXG	Amputation, first phalanx of hand using pedicled transposition flap [e.g. finger rotation flap]
1UJ74HALQ	Fixation, other phalanx of hand percutaneous approach [e.g. with closed or no reduction] fixation device alone using intramedullary nail
1UJ74HANW	Fixation, other phalanx of hand percutaneous approach [e.g. with closed or no reduction] fixation device alone using plate, screw
1UK55LANW	Removal of device, other interphalangeal joints of hand of screw using open approach
1UT80WUXXA	Repair, flexor tendons of finger [excludes thumb] using tenodesis technique [tendon looped or sutured to or through bone] with autograft [e.g. tendon, fascia]
1UT80WUXXN	Repair, flexor tendons of finger [excludes thumb] using tenodesis technique [tendon looped or sutured to or through bone] with synthetic tissue [e.g. gortex, mesh]
1TS80LAXXA	Repair, tendons of the forearm [around elbow] using apposition technique [e.g. tendon sutured to tendon] with autograft [e.g. tendon, fascia]
1UB74HAKDN	Fixation, wrist joint using percutaneous approach [e.g. with closed reduction or no reduction] using wire, mesh, staple with synthetic tissue [e.g. bone cement or paste]
1UC55LANW	Removal of device, distal radioulnar joint and carpal joints and bones of plate/screw using open approach
1UC74LAKDN	Fixation, distal radioulnar joint and carpal joints and bones open approach with synthetic tissue [bone cement, paste] using wire, staple
1UC75LANWA	Fusion, distal radioulnar joint and carpal joints and bones with bone autograft using plate, screw
1UF74HANW	Fixation, other metacarpal bones percutaneous approach [e.g. with closed or no reduction] fixation device alone using plate, screw
1UI74LAKDA	Fixation, first phalanx of hand open approach with bone autograft using wire, staple, tension band
1UJ87LAXXQ	Excision partial, other phalanx of hand using open excisional approach and combined sources of tissue
1UK80LANWA	Repair, other interphalangeal joints of hand joint repair alone with autograft [e.g. bone, interpositional tendon, fascia] using screw, plate and screw
1UU80LAXXN	Repair, tendons of thumb [Pollicis tendons] using apposition technique [e.g. tendon sutured to tendon] with synthetic tissue [e.g. gortex, mesh]
1VA80LA	Repair, hip joint open approach using simple apposition technique only [e.g. suturing]
1YT56JA	Removal of foreign body, skin of arm using external approach [for simple extraction]
1TV80LAXXN	Repair, radius and ulna with synthetic tissue [e.g. bone cement, paste] No device used (for repair)
1UB74LANVN	Fixation, wrist joint open approach with synthetic tissue [e.g. bone cement, or paste] using pin, nail
1UC74LANVA	Fixation, distal radioulnar joint and carpal joints and bones open approach with bone autograft using pin, nail
1UC80LANWA	Repair, distal radioulnar joint and carpal joints and bones open approach with screw/plate device using autograft [e.g. bone, interpositional fascia lata, tendon graft, rolled anchovy graft]
1UE73LA	Reduction, first metacarpal bone using open approach

1UG53LAPN	Implantation of internal device, other metacarpophalangeal joint(s) of uncemented dual-component prosthetic device using open approach
1UH80LANW	Repair, first metacarpophalangeal joint, joint repair alone no tissue used (for repair) using screw, plate and screw
1UI55LANV	Removal of device, first phalanx of hand of pin/nail using open approach
1UT80LAXXQ	Repair, flexor tendons of finger [excludes thumb] using apposition technique [e.g. tendon sutured to tendon] with combined sources of tissue [e.g. autograft, tendon transfer, goretex]
1UU80WUXXA	Repair, tendons of thumb [Pollicis tendons] using tenodesis technique [tendon looped or sutured to or through bone] with autograft [e.g. tendon, fascia]
1UV80WUXXA	Repair, tendons of wrist and hand using tenodesis technique [tendon looped or sutured to or through bone] with autograft [e.g. tendon, fascia]
1TK93LA	Amputation, humerus using simple apposition technique [e.g. suturing] (for closure of stump)
1TS80WUXXA	Repair, tendons of the forearm [around elbow] using tenodesis technique [e.g. tendon looped or sutured to or through bone] with autograft [e.g. tendon, fascia]
1TV74LANVK	Fixation, radius and ulna open approach with bone homograft using pin, nail
1TV80LANVA	Repair, radius and ulna with autograft [e.g. bone, tendon] using pin, nail
1UC74HANW	Fixation, distal radioulnar joint and carpal joints and bones percutaneous approach [e.g. with closed or no reduction] fixation device alone using plate, screw
1UC74LANWQ	Fixation, distal radioulnar joint and carpal joints and bones with combined sources of tissue [e.g. bone graft, cement/paste] using plate, screw
1UC79LAKD	Repair by increasing size, distal radioulnar joint and carpal joints and bones no tissue used in lengthening [or distracting] using wire, staple
1UE55LAKD	Removal of device, first metacarpal bone of wire/staple/tension band using open approach
1UF82LANW	Reattachment, other metacarpal bones using plate/screw fixation with apposition technique
1UF87LAXXA	Excision partial, other metacarpal bones with bone autograft (to close defect), no device used
1UG74LANWA	Fixation, other metacarpophalangeal joint(s) open approach with bone autograft using plate, screw
1UJ56JA	Removal of foreign body, other phalanx of hand using external (manual extraction) approach
1UJ71LAXXQ	Division, other phalanx of hand division involving skin and soft tissue only (simple syndactyly) using combination of local flap and skin autograft
1UJ80LAXXF	Repair, other phalanx of hand using free flap [e.g. toe-to-finger flap] no device used
1UM80LANV	Repair, first interphalangeal joint of hand, joint repair alone no tissue used (for repair) using pin, nail
1US80WUXXA	Repair, extensor tendons of finger [excludes thumb] using tenodesis technique [tendon looped or sutured to or through bone] with autograft [e.g. tendon, fascia]
1BM87UHXXE	Excision partial, nerve(s) of upper arm and elbow interfascicular split repair [rejoining] technique transposition of nerves [e.g. crossover]
1BQ80LAW3	Repair, nerve(s) of digit of hand using fibrin glue [rejoining] technique

1BQ87LAXXN	Excision partial, nerve(s) of digit of hand, no rejoining (of nerve ends) nerve end(s) wrapped or bridged using synthetic tissue [e.g. neural tube]
1TK93LAXXE	Amputation, humerus using local flap [e.g. myoplasty, osteoperiosteal flap or myodesis] (for closure of stump)
1TQ87LAXXF	Excision partial, muscles of the forearm [around elbow] using free flap [e.g. myocutaneous free flap] (for closure of defect)
1TV79LAMG	Repair by increasing size, radius and ulna using circular frame distraction device [e.g. Ilizarov]
1TV80LANWQ	Repair, radius and ulna with combined sources of tissue [e.g. bone graft, cement/paste] using plate, screw
1TV83LAXXN	Transfer, radius and ulna using open approach and synthetic tissue [e.g. bone cement, paste]
1TV87LANWA	Excision partial, radius and ulna with bone autograft using screw, plate and screw
1TV93LAXXE	Amputation, radius and ulna using local flap [e.g. myoplasty, osteoperiosteal flap or myodesis] (for closure of stump)
1UB52WJ	Drainage, wrist joint using open excisional approach [e.g. bursectomy]
1UB93LA	Amputation, wrist joint using simple apposition technique [e.g. suturing] (for closure of stump)
1UC75LAKDA	Fusion, distal radioulnar joint and carpal joints and bones with bone autograft using wire, staple
1UF74LAKDN	Fixation, other metacarpal bones open approach with synthetic tissue [e.g. bone cement or paste] using wire, staple
1UF82LA	Reattachment, other metacarpal bones using simple apposition technique [e.g. suturing]
1UF87LANW	Excision partial, other metacarpal bones no tissue used (for closure of defect) using plate, screw
1UG80LAXXA	Repair, other metacarpophalangeal joint(s) joint repair alone with autograft [e.g. bone, interpositional tendon, fascia] no device used (for repair)
1UG80VJ	Repair, other metacarpophalangeal joint(s) joint repair with metacarpal osteotomy no tissue used (for repair) no device used (for repair)
1UH73JA	Reduction, first metacarpophalangeal joint using closed (external) approach
1UJ80LAKDG	Repair, other phalanx of hand using pedicled transposition flap [finger rotation flap, pollicization] using wire, staple
1UK52WJ	Drainage, other interphalangeal joints of hand using open excisional approach [e.g. bursectomy]
1UK80LAKDN	Repair, other interphalangeal joints of hand joint repair alone with synthetic tissue [e.g. silastic sheath] using wire, staple, tension band
1US80WUXXE	Repair, extensor tendons of finger [excludes thumb] using tenodesis technique [tendon looped or sutured to or through bone] with tendon transfer for realignment [e.g. advancement, transposition]
1BN87UH	Excision partial, nerve(s) of forearm and wrist interfascicular split repair [rejoining] technique simple apposition of nerve ends
1BN87UHXXA	Excision partial, nerve(s) of forearm and wrist interfascicular split repair [rejoining] technique nerve autograft (to replace lost length)
1BN87UHXXE	Excision partial, nerve(s) of forearm and wrist interfascicular split repair [rejoining] technique transposition of nerves [e.g. crossover]

1BP87WG	Excision partial, nerve(s) of hand no rejoining [of nerve ends] nerve end fascicles coagulated (and buried)
1BQ87LAXXE	Excision partial, nerve(s) of digit of hand end-to-end [rejoining] technique (e.g. suture, glue) transposition of nerves [e.g. crossover]
1JJ80LA	Repair, brachiocephalic arteries using open approach without tissue [e.g. direct repair or end-to-end anastomosis]
1TQ87LAXXE	Excision partial, muscles of the forearm [around elbow] using local transposition flap [e.g. advancement muscle or Z-plasty skin flap] (for closure of defect)
1TS80LAXXN	Repair, tendons of the forearm [around elbow] using apposition technique [e.g. tendon sutured to tendon] with synthetic tissue [e.g. gortex, mesh]
1TV52HA	Drainage, radius and ulna using percutaneous (needle) approach
1TV74LAKDK	Fixation, radius and ulna open approach with bone homograft using wire, mesh, staple
1TV87LAKD	Excision partial, radius and ulna no tissue used (for closure of defect) using wire, mesh, staple
1TV91LAPM	Excision radical, radius and ulna no tissue used (for closure of defect) using endoprosthesis [radial or humeral head]
1TX35HAP1	Pharmacotherapy (local), soft tissue of arm NEC using percutaneous approach and local anesthetic agent
1TX87LAXXF	Excision partial, soft tissue of arm NEC using open approach and free flap [e.g. myocutaneous free flap] (to close surgical defect)
1UB74LAKDQ	Fixation, wrist joint open approach with combined sources of tissue [e.g. bone graft, cement/paste] using wire, mesh, staple
1UB75LANW	Fusion, wrist joint no tissue used (for fusion) using plate, screw
1UC75LANV	Fusion, distal radioulnar joint and carpal joints and bones fixation device [alone] using pin, nail
1UC82LANW	Reattachment, distal radioulnar joint and carpal joints and bones using open approach and plate/screw fixation with apposition
1UC87GB	Excision partial, distal radioulnar joint and carpal joints and bones endoscopic [arthroscopic] approach, synovectomy or ganglionectomy alone
1UF74HALQ	Fixation, other metacarpal bones percutaneous approach [e.g. with closed or no reduction] fixation device alone using intramedullary nail
1UF74LANWN	Fixation, other metacarpal bones open approach with synthetic tissue [e.g. bone cement or paste] using plate, screw
1UF84LAXXE	Construction or reconstruction, other metacarpal bones using open approach and local flap [for closure]
1UG55LANV	Removal of device, other metacarpophalangeal joint(s) of pin/nail using open approach
1UG75LANW	Fusion, other metacarpophalangeal joint(s) joint fusion alone no tissue used (for fusion) using screw, plate and screw
1UH80LANV	Repair, first metacarpophalangeal joint, joint repair alone no tissue used (for repair) using pin, nail
1UI03HAKC	Immobilization, first phalanx of hand using percutaneous external fixator
1UV80WUXXE	Repair, tendons of wrist and hand using tenodesis technique [tendon looped or sutured to or through bone] with tendon transfer for realignment [e.g. advancement, transposition]
1UY87LAXXQ	Excision partial, soft tissue of the wrist and hand using open approach and combined sources of tissue [e.g. skin graft with flap] (for closure of defect)

1TQ80LAXXF	Repair, muscles of the forearm [around elbow] using open approach and free flap
1TS80WUNWE	Repair, tendons of the forearm [around elbow] using tenodesis with screw fixation [e.g. tendon with a bone plug fixed to bone with screw] with tendon transfer for realignment, [e.g. advancement, transposition]
1TV80LAKDA	Repair, radius and ulna with autograft [e.g. bone, tendon] using wire, mesh, staple
1TV80LAKDN	Repair, radius and ulna with synthetic tissue [e.g. bone cement, paste] using wire, mesh, staple
1TZ70LA	Incision NOS, arm NEC using open approach
1UB74HALQ	Fixation, wrist joint percutaneous approach (e.g. with closed or no reduction) fixation device alone using intramedullary nail
1UB74LAKDK	Fixation, wrist joint open approach with bone homograft using wire, mesh, staple
1UC57LA	Extraction, distal radioulnar joint and carpal joints and bones using open approach
1UC79LANW	Repair by increasing size, distal radioulnar joint and carpal joints and bones no tissue used in lengthening [or distracting] using plate, screw
1UC82LAKD	Reattachment, distal radioulnar joint and carpal joints and bones using open approach and wire/staple fixation with apposition
1UE55HAKD	Removal of device, first metacarpal bone of wire/staple/tension band using percutaneous approach
1UF80LAKDA	Repair, other metacarpal bones with bone autograft using wire, staple
1UF80LANWA	Repair, other metacarpal bones with bone autograft using plate, screw
1UF87LAKD	Excision partial, other metacarpal bones no tissue used (for closure of defect) using wire, staple
1UF87LAXXN	Excision partial, other metacarpal bones with synthetic tissue [e.g. bone cement, or paste], no device used
1UG57LA	Extraction, metacarpophalangeal joint(s) using open approach
1UG80LAKDA	Repair, other metacarpophalangeal joint(s) joint repair alone with autograft [e.g. bone, interpositional tendon, fascia] using wire, staple, tension band
1UG80VJKD	Repair, other metacarpophalangeal joint(s) joint repair with metacarpal osteotomy no tissue used (for repair) using wire, staple, tension band
1UI55HAKD	Removal of device, first phalanx of hand of wire/staple using percutaneous approach
1UI87LAXXA	Excision partial, first phalanx of hand using open approach and autograft
1UJ74LANVA	Fixation, other phalanx of hand open approach with bone autograft using pin, nail
1UK75HAKD	Fusion, other interphalangeal joints of hand percutaneous approach using wire, tension band
1UK80VJNW	Repair, other interphalangeal joints of hand joint repair with phalangeal osteotomy (for realigning joint) no tissue used (for repair) using screw, plate and screw
1UM80LANW	Repair, first interphalangeal joint of hand, joint repair alone no tissue used (for repair) using screw, plate and screw
1UT55LASL	Removal of device, flexor tendons of finger [excludes thumb] of spacer device [e.g. Silastic rod] using open approach
1YT87LAXXA	Excision partial, skin of arm open [excisional] approach using full

	thickness autograft
1TM93LA	Amputation, elbow joint using simple apposition technique [e.g. suturing] (for closure of stump)
1TS80WUNWN	Repair, tendons of the forearm [around elbow] using tenodesis with screw fixation [e.g. tendon with a bone plug fixed to bone with screw] with synthetic tissue [e.g. gortex, mesh]
1TS80WUXXN	Repair, tendons of the forearm [around elbow] using tenodesis technique [e.g. tendon looped or sutured to or through bone] with synthetic tissue [e.g. gortex, mesh]
1TV82LANWA	Reattachment, radius and ulna using open approach and plate/screw fixation with bone autograft
1TV87LANWN	Excision partial, radius and ulna with synthetic tissue [e.g. bone cement or paste] using screw, plate and screw
1TV93LAXXA	Amputation, radius and ulna using skin graft (for closure of stump)
1UB53LAPMN	Implantation of internal device, wrist joint with synthetic material (e.g. bone paste, cement, Dynagraft, Osteoset) using single-component prosthetic device [e.g. styloid process of radius]
1UB57LA	Extraction, wrist joint using open approach
1UB74LALQ	Fixation, wrist joint open approach fixation device alone using intramedullary nail
1UB80LAXXN	Repair, wrist joint open approach using synthetic tissue [e.g. mesh, gortex, silastic sheath]
1UB93LAXXE	Amputation, wrist joint using local flap myoplasty or myodesis (for closure of stump)
1UC53LAPM	Implantation of internal device, distal radioulnar joint and carpal joints and bones of single-component prosthetic device using open approach
1UC53LAQD	Implantation of internal device, distal radioulnar joint and carpal joints and bones of single component prosthetic device with (additional) wire fixation using open approach
1UC74LAKDQ	Fixation, distal radioulnar joint and carpal joints and bones open approach with combined sources of tissue [e.g. bone graft, cement/paste] using wire, staple
1UC74LANVN	Fixation, distal radioulnar joint and carpal joints and bones open approach with synthetic tissue [bone cement, paste] using pin, nail
1UC80LAXXQ	Repair, distal radioulnar joint and carpal joints and bones open approach using combined sources of tissue [autograft with synthetic tissue]
1UE87LA	Excision partial, first metacarpal bone no tissue used (for repair) no device used
1UF74LANVA	Fixation, other metacarpal bones open approach with bone autograft using pin, nail
1UF80LANV	Repair, other metacarpal bones no tissue used (for repair) using pin, nail
1UG55LANW	Removal of device, other metacarpophalangeal joint(s) of screw/plate using open approach
1UH72LA	Release, first metacarpophalangeal joint using open (incisional) approach
1UH75LANW	Fusion, first metacarpophalangeal joint, joint fusion alone no tissue used (for fusion) using screw, plate and screw
1UH87LA	Excision partial, first metacarpophalangeal joint using other excisional technique [e.g. arthroectomy, chondrectomy] (with or without synovectomy)

1UH93LA	Amputation, first metacarpophalangeal joint using simple apposition technique [e.g. suturing] (for closure of stump)
1UI74LANWA	Fixation, first phalanx of hand open approach with bone autograft using plate, screw
1UI80LAXXA	Repair, first phalanx of hand using autograft [e.g. bone peg] no device used
1UI80LAXXG	Repair, first phalanx of hand using pedicled transposition flap [finger rotation flap, pollicization] no device used
1UI93LAXXF	Amputation, first phalanx of hand using free flap [e.g. toe-to-finger flap]
1UJ74LANVN	Fixation, other phalanx of hand open approach with synthetic tissue [bone cement, paste] using pin, nail
1UK52WKTS	Drainage, other interphalangeal joints of hand using open incisional approach [e.g. bursotomy] and leaving drainage tube [catheter] in situ
1UK80VJKDA	Repair, other interphalangeal joints of hand joint repair with phalangeal osteotomy (for realigning joint) with autograft [e.g. bone, interpositional tendon, fascia] using wire, staple, tension band
1UM72LA	Release, first interphalangeal joint of hand using open (incisional) approach
1UM75LANW	Fusion, first interphalangeal joint of hand open approach using screw
1US80WUXXN	Repair, extensor tendons of finger [excludes thumb] using tenodesis technique [tendon looped or sutured to or through bone] with synthetic tissue [e.g. gortex, mesh]
1UU80WUXXN	Repair, tendons of thumb [Pollicis tendons] using tenodesis technique [tendon looped or sutured to or through bone] with synthetic tissue [e.g. gortex, mesh]
1BN80LAW3	Repair, nerve(s) of forearm and wrist using fibrin glue [rejoining] technique
1BN87LAXXN	Excision partial, nerve(s) of forearm and wrist, no rejoining [of nerve ends] nerve end(s) wrapped or bridged using synthetic tissue [e.g. neural tube]
1BP87LAXXN	Excision partial, nerve(s) of hand, no rejoining (of nerve ends), nerve end(s) wrapped or bridged using synthetic tissue [e.g. neural tube]
1BQ87UH	Excision partial, nerve(s) of digit of hand interfascicular split repair [rejoining] technique simple apposition of nerve ends
1BQ87WG	Excision partial, nerve(s) of digit of hand no rejoining[of nerve ends] nerve end fascicles coagulated (and buried)
1JM50GQBD	Dilation, arteries of arm NEC using percutaneous transluminal approach and balloon dilator
1JM51LAW3	Occlusion, arteries of arm NEC using open approach and fibrin glue
1TK93LAXXA	Amputation, humerus using skin graft (for closure of stump)
1TS80WUNWA	Repair, tendons of the forearm [around elbow] using tenodesis with screw fixation [e.g. tendon with a bone plug fixed to bone with screw] with autograft [e.g. tendon, fascia]
1TV58LAXXG	Procurement, radius and ulna of pedicled flap using open approach
1TV80LAKDK	Repair, radius and ulna with bone homograft using wire, mesh, staple
1TV87LAPMN	Excision partial, radius and ulna with synthetic tissue [e.g. bone cement or paste] using endoprosthesis [radial or humeral head]
1TX35HAL7	Pharmacotherapy (local), soft tissue of arm NEC using percutaneous approach and bacterial toxin (e.g. botulinum toxin or Botox)
1UB04JH	Mobilization, wrist joint using external approach with manual technique

1UB35HAP2	Pharmacotherapy (local), wrist joint using percutaneous (needle) approach and analgesic agent
1UB75LANV	Fusion, wrist joint no tissue used (for fusion) using pin, nail
1UB75LANVA	Fusion, wrist joint with bone autograft using pin, nail
1UC80LAXXG	Repair, distal radioulnar joint and carpal joints and bones open approach using pedicled flap [e.g. radial bone with vascular pedicle]
1UE56LA	Removal of foreign body, first metacarpal bone using open approach
1UE74LANWA	Fixation, first metacarpal bones open approach with bone autograft using plate, screw
1UE80LAKD	Repair first metacarpal bone, no tissue used (for repair) using wire, staple
1UE93LAXXE	Amputation, first metacarpal bone using local flap [e.g. myoplasty or myodesis] (for closure of stump)
1UF74LAKDK	Fixation, other metacarpal bones open approach with bone homograft using wire, staple
1UF80LAXXA	Repair, other metacarpal bones with bone autograft no device used
1UF84LAXXQ	Construction or reconstruction, other metacarpal bones using open approach and local flap with skin autograft [for closure]
1UG52HA	Drainage, other metacarpophalangeal joint(s) using percutaneous (needle) aspiration
1UG52WJ	Drainage, other metacarpophalangeal joint(s) using open excisional approach [e.g. bursectomy]
1UG72JA	Release, metacarpophalangeal joint(s) using manual technique
1UG75VJNW	Fusion, other metacarpophalangeal joint(s) joint fusion with metacarpal osteotomy no tissue used (for fusion) using screw, plate and screw
1UG80VJNW	Repair, other metacarpophalangeal joint(s) joint repair with metacarpal osteotomy no tissue used (for repair) using screw, plate and screw
1UH75LAKD	Fusion, first metacarpophalangeal joint, joint fusion alone no tissue used (for fusion) using wire, staple, tension band
1UH80LAXXN	Repair, first metacarpophalangeal joint, joint repair alone with synthetic tissue [e.g. silastic sheath] no device used (for repair)
1UH80VJ	Repair, first metacarpophalangeal joint, joint repair with metacarpal osteotomy no tissue used (for repair) no device used (for repair)
1UI74LAKDN	Fixation, first phalanx of hand open approach with synthetic tissue [bone, cement, paste] using wire, staple, tension band
1UI74LALQ	Fixation, first phalanx of hand open approach fixation device alone using intramedullary nail
1UI74LANWN	Fixation, first phalanx of hand open approach with synthetic tissue [bone, cement, paste] using plate, screw
1UI87LAXXQ	Excision partial, first phalanx of hand using open approach and combined sources of tissue
1UI93LAXXB	Amputation, first phalanx of hand using split-thickness skin graft (for closure of stump)
1UK55LAPM	Removal of device, other interphalangeal joints of hand of uncemented single-component prosthetic device using open approach
1UK80LAKDQ	Repair, other interphalangeal joints of hand joint repair alone with combined sources of tissue [e.g. bone graft, synthetic tissue] using wire, staple, tension band

1UM80LAKDA	Repair, first interphalangeal joint of hand, joint repair alone with autograft [e.g. bone, interpositional tendon, fascia] using wire, staple, tension band
1US53LASL	Implantation of internal device, extensor tendons of finger [excludes thumb] using open approach and spacer device [e.g. Silastic rod]
1US80WUNWE	Repair, extensor tendons of finger [excludes thumb] using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] with tendon transfer for realignment [e.g. advancement, transposition]
1US80WUNWQ	Repair, extensor tendons of finger [excludes thumb] using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] with combined sources of tissue [e.g. autograft, tendon transfer, goretex]
1US80WUXXQ	Repair, extensor tendons of finger [excludes thumb] using tenodesis technique [tendon looped or sutured to or through bone] with combined sources of tissue [e.g. autograft, tendon transfer, goretex]
1UT80WUNWE	Repair, flexor tendons of finger [excludes thumb] using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] with tendon transfer for realignment [e.g. advancement, transposition]
1UT80WUXXQ	Repair, flexor tendons of finger [excludes thumb] using tenodesis technique [tendon looped or sutured to or through bone] with combined sources of tissue [e.g. autograft, tendon transfer, goretex]
1UU80WUNWE	Repair, tendons of thumb [Pollicis tendons] using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] with tendon transfer for realignment [e.g. advancement, transposition]
1UV80WUNWE	Repair, tendons of wrist and hand using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] with tendon transfer for realignment [e.g. advancement, transposition]
1UV80WUXXQ	Repair, tendons of wrist and hand using tenodesis technique [tendon looped or sutured to or through bone] with combined sources of tissue [e.g. autograft, tendon transfer, goretex]
1YT80LAXXG	Repair, skin of arm using pedicled (distant)flap
1YX80LAW4	Repair, nail using open approach and glue (e.g. crazy glue, glustitch)
1YX80LAXXB	Repair, nail using open approach and split-thickness autograft
1YX89LAXXA	Excision total, nail using open [excisional] approach and full-thickness autograft
2BG70LL	Inspection, brachial plexus using anterior open approach
1TM93LAXXE	Amputation, elbow joint using local flap myoplasty or myodesis (for closure of stump)
1TS58LAXXF	Procurement, tendons of the forearm [around elbow] of free flap (innervated with artery pedicle)
1TV52HAJ2	Drainage, radius and ulna using percutaneous (needle) approach and steroid infiltration
1TV55LAPM	Removal of device, radius and ulna of endoprosthesis using open approach
1TV80LANVN	Repair, radius and ulna with synthetic tissue [e.g. bone cement, paste] using pin, nail
1TV83LAXXQ	Transfer, radius and ulna using open approach and combined sources of tissue [e.g. bone graft and cement/paste]
1TV87LAPMK	Excision partial, radius and ulna with bone homograft [e.g. from bone bank] using endoprosthesis [radial or humeral head]

1TV91LAPMN	Excision radical, radius and ulna with synthetic tissue [e.g. bone cement or paste] using endoprosthesis [radial or humeral head]
1UB53LAPNA	Implantation of internal device, wrist joint with bone autograft [uncemented] dual-component prosthetic device [e.g. proximal radius and ulnar head with or without scaphoid or lunate component]
1UB55LAPM	Removal of device, wrist joint of uncemented single component prosthetic device using open approach
1UB74LANVQ	Fixation, wrist joint open approach with combined sources of tissue [e.g. bone graft, cement/paste] using pin, nail
1UB75LANWQ	Fusion, wrist joint with combined sources of tissue [e.g. bone graft, cement/paste] using plate, screw
1UB80DAXXA	Repair, wrist joint endoscopic [arthroscopic] approach using autograft [e.g. bone, interpositional fascia lata, muscle graft, rolled òanchovyö graft]
1UB80LAXXQ	Repair, wrist joint open approach using combined sources of tissue [autograft with synthetic tissue]
1UC55LAPM	Removal of device, distal radioulnar joint and carpal joints and bones of single- component prosthetic device
1UC80DAXXA	Repair, distal radioulnar joint and carpal joints and bones endoscopic [arthroscopic] approach using autograft [e.g. bone, interpositional fascia lata, tendon graft, rolled 'anchovy' graft]
1UC82LA	Reattachment, distal radioulnar joint and carpal joints and bones using open approach and apposition [suturing]
1UC82LAXXF	Reattachment, distal radioulnar joint and carpal joints and bones using open approach and free flap [e.g. myocutaneous, osseocutaneous flap]
1UE74LAKDA	Fixation, first metacarpal bones open approach with bone autograft using wire, staple
1UE80LANV	Repair first metacarpal bone, no tissue used (for repair) using pin, nail
1UE80LANW	Repair first metacarpal bone, no tissue used (for repair) using plate, screw
1UE82LA	Reattachment, first metacarpal bone using simple apposition technique [e.g. suturing]
1UE82LANW	Reattachment, first metacarpal bone using plate/screw fixation with apposition technique
1UE82LAXXF	Reattachment, first metacarpal bone using free flap [e.g. myocutaneous, osseocutaneous flap]
1UE93LA	Amputation, first metacarpal bone using simple apposition technique [e.g. suturing] (for closure of stump)
1UF74LAKDQ	Fixation, other metacarpal bones open approach with combined bone graft and cement, paste using wire, staple
1UF74LANVN	Fixation, other metacarpal bones open approach with synthetic tissue [e.g. bone cement or paste] using pin, nail
1UF74LANWK	Fixation, other metacarpal bones open approach with bone homograft using plate, screw
1UF74LANWQ	Fixation, other metacarpal bones open approach with combined sources of tissue [e.g. graft & cement/paste] using plate, screw
1UF79HAMG	Repair by increasing size, other metacarpal bones using distraction device [e.g. Ilizarov circular frame]
1UF80LAXXN	Repair, other metacarpal bones with synthetic tissue [e.g. bone cement, or paste] no device used

1UF87LANWK	Excision partial, other metacarpal bones with bone homograft (to close defect) using plate, screw
1UF87LAXXK	Excision partial, other metacarpal bones with bone homograft (to close defect), no device used
1UF87LAXXQ	Excision partial, other metacarpal bones with combined sources of tissue [e.g. bone graft, cement/paste], no device used
1UG74HANW	Fixation, other metacarpophalangeal joint(s) percutaneous approach [e.g. with closed or no reduction] fixation device alone using plate, screw
1UG80LAKDN	Repair, other metacarpophalangeal joint(s) joint repair alone with synthetic tissue [e.g. silastic sheath] using wire, staple, tension band
1UH53LAPN	Implantation of internal device, first metacarpophalangeal joint of uncemented dual-component prosthetic device using open approach
1UH55LANV	Removal of device, first metacarpophalangeal joint of pin, nail using open approach
1UH74LALQ	Fixation, first metacarpophalangeal joint, open approach, fixation device alone using intramedullary nail
1UH75VJKD	Fusion, first metacarpophalangeal joint, joint fusion with metacarpal osteotomy no tissue used (for fusion) using wire, staple, tension band
1UH75VJNWA	Fusion, first metacarpophalangeal joint, joint fusion with metacarpal osteotomy with bone autograft using screw, plate and screw
1UH80LAKDA	Repair, first metacarpophalangeal joint, joint repair alone with autograft [e.g. bone, interpositional tendon, fascia] using wire, staple, tension band
1UH93LAXXE	Amputation, first metacarpophalangeal joint using local flap myoplasty or myodesis (for closure of stump)
1UI74HALQ	Fixation, first phalanx of hand percutaneous approach [e.g. with closed or no reduction] fixation device alone using intramedullary nail
1UI80LANWA	Repair, first phalanx of hand using autograft [e.g. bone peg] using plate, screw
1UI80LAXXF	Repair, first phalanx of hand using free flap [e.g. toe to finger flap] no device used
1UJ74LAKDQ	Fixation, other phalanx of hand open approach with combined sources of tissue [e.g. bone graft, cement/paste] using wire, staple, tension band
1UJ75LAKDE	Fusion, other phalanx of hand using wire with local transposition flap (to join fingers together)
1UJ75LAKDQ	Fusion, other phalanx hand using wire with combined sources of tissue [e.g. local transposition flap and skin autograft]
1UJ87UR	Excision partial, other phalanx of hand using ligature dissection technique
1UK52HA	Drainage, other interphalangeal joints of hand using percutaneous (needle) aspiration
1UK80LAKDK	Repair, other interphalangeal joints of hand joint repair alone with bone homograft using wire, staple, tension band
1UK80LANVA	Repair, other interphalangeal joints of hand joint repair alone with autograft [e.g. bone, interpositional tendon, fascia] using pin, nail
1UK80LANWK	Repair, other interphalangeal joints of hand joint repair alone with bone homograft using screw, plate and screw
1UK80VJNWA	Repair, other interphalangeal joints of hand joint repair with phalangeal osteotomy (for realigning joint) with autograft [e.g. bone, interpositional tendon, fascia] using screw, plate and screw

1UM52WJ	Drainage, first interphalangeal joint of hand using open excisional approach [e.g. bursectomy]
1UM52WK	Drainage, first interphalangeal joint of hand using open incisional approach [e.g. bursotomy]
1UM74HANW	Fixation, first interphalangeal joint of hand using percutaneous (closed) approach and plate/screw
1UM80LANVA	Repair, first interphalangeal joint of hand, joint repair alone with autograft [e.g. bone interpositional tendon, fascia] using pin, nail
1UM80LAXXA	Repair, first interphalangeal joint of hand, joint repair alone with autograft [e.g. bone interpositional tendon, fascia] no device used (for repair)
1UM80VJKD	Repair, first interphalangeal joint of hand, joint repair with phalangeal osteotomy (for realigning joint) no tissue used (for repair) using wire, staple, tension band
1UM80VJKDA	Repair, first interphalangeal joint of hand, joint repair with phalangeal osteotomy (for realigning joint) with autograft [e.g. bone, interpositional tendon, fascia] using wire, staple, tension band
1UM80VJNWA	Repair, first interphalangeal joint of hand, joint repair with phalangeal osteotomy (for realigning joint) with autograft [e.g. bone, interpositional tendon, fascia] using screw, plate and screw
1US80WUNWA	Repair, extensor tendons of finger [excludes thumb] using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] with autograft [e.g. tendon, fascia]
1US80WUNWN	Repair, extensor tendons of finger [excludes thumb] using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] with synthetic tissue [e.g. gortex, mesh]
1UT80WUNWN	Repair, flexor tendons of finger [excludes thumb] using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] with synthetic tissue [e.g. gortex, mesh]
1UV80LAXXN	Repair, tendons of wrist and hand using apposition technique [e.g. tendon sutured to tendon] with synthetic tissue [e.g. gortex, mesh]
1UV80LAXXQ	Repair, tendons of wrist and hand using apposition technique [e.g. tendon sutured to tendon] with combined sources of tissue [e.g. autograft, tendon transfer, goretex]
1UY80LAXXN	Repair, soft tissue of the wrist and hand using open approach and synthetic tissue [e.g. gortex, mesh or Silastic sheath]
1BF80LA	Repair, sympathetic nerves using end to end [whole] nerve suture technique
1BM80LAW3	Repair, nerve(s) of upper arm and elbow using fibrin glue [rejoining] technique
1BM87UH	Excision partial, nerve(s) of upper arm and elbow interfascicular split repair [rejoining] technique simple apposition of nerve ends
1BP87LAXXE	Excision partial, nerve(s) of hand end to end suture [rejoining] technique transposition of nerves [e.g. crossover]
1BP87UHXXE	Excision partial, nerve(s) of hand interfascicular split repair [rejoining] technique transposition of nerves [e.g. crossover]
1BQ87UHXXQ	Excision partial, nerve(s) of digit of hand interfascicular split repair [rejoining] technique combined transposition of nerves with a nerve autograft
1JJ50LANR	Dilation, brachiocephalic arteries open approach using endovascular stent [e.g. Z-stent]

1JJ51LA	Occlusion, brachiocephalic arteries using open approach without tissue [direct repair]
1JJ80LAXXN	Repair, brachiocephalic arteries using open approach with synthetic material
1JJ87LA	Excision partial, brachiocephalic arteries using open approach without tissue [e.g. direct repair or end-to-end anastomosis]
1SN93LAXXE	Amputation, scapula using local flap myoplasty (for closure of stump)
1TQ80LAXXN	Repair, muscles of the forearm [around elbow] using open approach and synthetic tissue [e.g. gortex, mesh or Silastic sheath]
1TQ87LAXXA	Excision partial, muscles of the forearm [around elbow] using autograft [e.g. fascia or skin] (for closure of surgical defect)
1TS80WUNWQ	Repair, tendons of the forearm [around elbow] using tenodesis with screw fixation [e.g. tendon with a bone plug fixed to bone with screw] with combined sources of tissue [e.g. autograft, tendon transfer, goretex]
1TV56JA	Removal of foreign body, radius and ulna using external (manual extraction) approach
1TV74LALQA	Fixation, radius and ulna open approach with bone autograft using intramedullary nail
1TV74LALQN	Fixation, radius and ulna open approach with synthetic tissue [e.g. bone cement or paste] using intramedullary nail
1TV80LANVK	Repair, radius and ulna with bone homograft using pin, nail
1TV80LANVQ	Repair, radius and ulna with combined sources of tissue [e.g. bone graft, cement/paste] using pin, nail
1TV83LAXXK	Transfer, radius and ulna using open approach and bone homograft
1TV84LAXXE	Construction or reconstruction, radius and ulna using open approach and local rotation flap (muscle and skin to cover each ray)
1TV87LANV	Excision partial, radius and ulna no tissue used (for closure of defect) using pin, nail
1TV87LANVK	Excision partial, radius and ulna with bone homograft [e.g. from bone bank] using pin, nail
1TV87LANWK	Excision partial, radius and ulna with bone homograft [e.g. from bone bank] using screw, plate and screw
1TV91LANWA	Excision radical, radius and ulna with bone autograft using screw, plate and screw
1TX87LAXXQ	Excision partial, soft tissue of arm NEC using open approach and combined sources of tissue [e.g. skin graft with flap] (to close surgical defect)
1UB72DA	Release, wrist joint using endoscopic [arthroscopic] approach
1UB74DANWN	Fixation, wrist joint endoscopic [arthroscopic] approach with synthetic tissue [e.g. bone cement, or paste] using plate, screw
1UB74DANWQ	Fixation, wrist joint endoscopic [arthroscopic] approach with combined sources of tissue [e.g. bone graft, cement/paste] using plate, screw
1UB74LALQK	Fixation, wrist joint open approach with bone homograft using intramedullary nail
1UB74LALQN	Fixation, wrist joint open approach with synthetic tissue [e.g. bone cement, or paste] using intramedullary nail
1UB75LALQA	Fusion, wrist joint with bone autograft using intramedullary nail
1UB75LANWN	Fusion, wrist joint with synthetic tissue [e.g. bone cement, paste] using plate, screw

1UB75LAXXA	Fusion, wrist joint with bone autograft with no device used (for fusion)
1UB80DAXXE	Repair, wrist joint endoscopic [arthroscopic] approach using local tendon transfer [rebalancing]
1UB93LAXXA	Amputation, wrist joint using skin graft (for closure of stump)
1UC55LASL	Removal of device, distal radioulnar joint and carpal joints and bones of spacer device [e.g. Silastic] using open approach
1UC74LANVQ	Fixation, distal radioulnar joint and carpal joints and bones open approach with combined sources of tissue [e.g. bone graft, cement/paste] using pin, nail
1UC80LANWK	Repair, distal radioulnar joint and carpal joints and bones open approach with screw/plate device using homograft
1UC80LANWQ	Repair, distal radioulnar joint and carpal joints and bones open approach with screw/plate using combined sources of tissue [e.g. autograft with synthetic tissue]
1UC80LAXXK	Repair, distal radioulnar joint and carpal joints and bones open approach using homograft
1UE55LANV	Removal of device, first metacarpal bone of pin/nail using open approach
1UE55LANW	Removal of device, first metacarpal bone of plate/screw using open approach
1UE74LAKDN	Fixation, first metacarpal bones open approach with synthetic tissue [e.g. bone cement or paste] using wire, staple
1UE74LALQ	Fixation, first metacarpal bones open approach fixation device alone using intramedullary nail
1UE74LANVA	Fixation, first metacarpal bones open approach with bone autograft using pin, nail
1UE74LANWK	Fixation, first metacarpal bones open approach with bone homograft using plate, screw
1UE74LANWQ	Fixation, first metacarpal bones open approach with combined sources of tissue [e.g. bone graft, cement/paste] using plate, screw
1UE80LAXXA	Repair first metacarpal bone, with bone autograft no device used
1UE80LAXXN	Repair first metacarpal bone, with synthetic tissue [e.g. bone cement, or paste] no device used
1UE82LANWN	Reattachment, first metacarpal bone using plate/screw fixation with synthetic tissue [e.g. bone cement or paste]
1UE87LAKD	Excision partial, first metacarpal bone no tissue used (for repair) using wire, staple
1UF56JA	Removal of foreign body, other metacarpal bones using external (manual extraction) approach
1UF74LALQQ	Fixation, other metacarpal bones open approach with combined sources of tissue [e.g. graft & cement/paste] using intramedullary nail
1UF80LAKDQ	Repair, other metacarpal bones with combined sources of tissue [e.g. bone graft, cement/paste] using wire, staple
1UF80LANVQ	Repair, other metacarpal bones with combined sources of tissue [e.g. bone graft, cement/paste] using pin, nail
1UF80LANWN	Repair, other metacarpal bones with synthetic tissue [e.g. bone cement, or paste] using plate, screw
1UF82LANWA	Reattachment, other metacarpal bones using plate/screw fixation with bone autograft

1UF82LANWN	Reattachment, other metacarpal bones using plate/screw fixation with synthetic tissue [e.g. bone cement or paste]
1UF87LAKDA	Excision partial, other metacarpal bones with bone autograft (to close defect) using wire, staple
1UF87LAKDQ	Excision partial, other metacarpal bones with combined sources of tissue [e.g. bone graft, cement/paste] using wire, staple
1UF87LANV	Excision partial, other metacarpal bones no tissue used (for closure of defect) using pin, nail
1UG74HALQ	Fixation, other metacarpophalangeal joint(s) percutaneous approach [closed], fixation device alone using intramedullary nail
1UG74LANVA	Fixation, other metacarpophalangeal joint(s) open approach with bone autograft using pin, nail
1UG74LANWQ	Fixation, other metacarpophalangeal joint(s) open approach with combined sources of tissue [e.g. bone graft, cement/paste] using plate, screw
1UG75LAKDA	Fusion, other metacarpophalangeal joint(s) joint fusion alone with bone autograft using wire, staple, tension band
1UG75LAKDK	Fusion, other metacarpophalangeal joint(s) joint fusion alone with bone homograft using wire, staple, tension band
1UG75LANWA	Fusion, other metacarpophalangeal joint(s) joint fusion alone with bone autograft using screw, plate and screw
1UG75LANWN	Fusion, other metacarpophalangeal joint(s) joint fusion alone with synthetic tissue [e.g. bone cement, paste] using screw, plate and screw
1UG75LAXXA	Fusion, other metacarpophalangeal joint(s) joint fusion alone with bone autograft no device used (for fusion)
1UG75VJNV	Fusion, other metacarpophalangeal joint(s) joint fusion with metacarpal osteotomy no tissue used (for fusion) using pin, nail
1UG75VJNWA	Fusion, other metacarpophalangeal joint(s) joint fusion with metacarpal osteotomy with bone autograft using screw, plate and screw
1UG75VJNWK	Fusion, other metacarpophalangeal joint(s) joint fusion with metacarpal osteotomy with bone homograft using screw, plate and screw
1UG80LANVA	Repair, other metacarpophalangeal joint(s) joint repair alone with autograft [e.g. bone, interpositional tendon, fascia] using pin, nail
1UG80LANVK	Repair, other metacarpophalangeal joint(s) joint repair alone with bone homograft using pin, nail
1UG80LANWQ	Repair, other metacarpophalangeal joint(s) joint repair alone with combined sources of tissue [e.g. bone graft, synthetic tissue] using screw, plate and screw
1UG80LAXXK	Repair, other metacarpophalangeal joint(s) joint repair alone with bone homograft no device used (for repair)
1UG80LAXXN	Repair, other metacarpophalangeal joint(s) joint repair alone with synthetic tissue [e.g. silastic sheath] no device used (for repair)
1UG80VJKDA	Repair, other metacarpophalangeal joint(s) joint repair with metacarpal osteotomy with autograft [e.g. bone, interpositional tendon, fascia] using wire, staple, tension band
1UG80VJKDN	Repair, other metacarpophalangeal joint(s) joint repair with metacarpal osteotomy with synthetic tissue [e.g. silastic sheath] using wire, staple, tension band
1UG80VJNV	Repair, other metacarpophalangeal joint(s) joint repair with metacarpal osteotomy no tissue used (for repair) using pin, nail

1UG80VJNVA	Repair, other metacarpophalangeal joint(s) joint repair with metacarpal osteotomy with autograft [e.g. bone, interpositional tendon, fascia] using pin, nail
1UG80VJNWA	Repair, other metacarpophalangeal joint(s) joint repair with metacarpal osteotomy with autograft [e.g. bone, interpositional tendon, fascia] using screw, plate and screw
1UH55LAKD	Removal of device, first metacarpophalangeal joint of wire, staple using open approach
1UH55LANW	Removal of device, first metacarpophalangeal joint of screw, plate using open approach
1UH74LAKDA	Fixation, first metacarpophalangeal joint open approach with bone autograft using wire, staple, tension band
1UH74LANVA	Fixation, first metacarpophalangeal joint using open approach with bone autograft using pin, nail
1UH75LANWA	Fusion, first metacarpophalangeal joint, joint fusion alone with bone autograft using screw, plate and screw
1UH80LANVA	Repair, first metacarpophalangeal joint, joint repair alone with autograft [e.g. bone, interpositional tendon, fascia] using pin, nail
1UH80LANWA	Repair, first metacarpophalangeal joint, joint repair alone with autograft [e.g. bone, interpositional tendon, fascia] using screw, plate and screw
1UH80LAXXA	Repair, first metacarpophalangeal joint, joint repair alone with autograft [e.g. bone, interpositional tendon, fascia] no device used (for repair)
1UH80VJKD	Repair, first metacarpophalangeal joint, joint repair with metacarpal osteotomy no tissue used (for repair) using wire, staple, tension band
1UI55LANW	Removal of device, first phalanx of hand of plate/screw using open approach
1UI71LAXXQ	Division, first phalanx of hand, division involving skin and soft tissue only [simple syndactyly] using combination of local flap and skin autograft
1UI74LANVA	Fixation, first phalanx of hand open approach with bone autograft using pin, nail
1UI74LANVQ	Fixation, first phalanx of hand open approach with combined sources of tissue [e.g. bone graft, cement/paste] using pin, nail
1UI80LAKDA	Repair, first phalanx of hand using autograft [e.g. bone peg] using wire, staple
1UJ71WKXXE	Division, other phalanx of hand division involving bone or joint (complex syndactyly) using local flap [e.g. volar, dorsal]
1UJ74LANVQ	Fixation, other phalanx of hand open approach with combined sources of tissue [e.g. bone graft, cement/paste] using pin, nail
1UJ74LANWQ	Fixation, other phalanx of hand open approach with combined sources of tissue [e.g. bone graft, cement/paste] using plate, screw
1UJ80LAKDK	Repair, other phalanx of hand using bone homograft using wire, staple
1UK53LAPMN	Implantation of internal device, other interphalangeal joints of hand of cemented single-component prosthetic device using open approach
1UK75HANW	Fusion, other interphalangeal joints of hand percutaneous approach using screw
1UK80LANVN	Repair, other interphalangeal joints of hand joint repair alone with synthetic tissue [e.g. silastic sheath] using pin, nail
1UK80LAXXN	Repair, other interphalangeal joints of hand joint repair alone with synthetic tissue [e.g. silastic sheath] no device used (for repair)

1UK80VJNV	Repair, other interphalangeal joints of hand joint repair with phalangeal osteotomy (for realigning joint) no tissue used (for repair) using pin, nail
1UM55HAKD	Removal of device, first interphalangeal joint of hand of wire/staple using percutaneous approach
1UM55LAKD	Removal of device, first interphalangeal joint of hand of wire/staple/tension band using open approach
1UM80LAKDK	Repair, first interphalangeal joint of hand, joint repair alone with bone homograft using wire, staple, tension band
1UM80VJ	Repair, first interphalangeal joint of hand, joint repair with phalangeal osteotomy (for realigning joint) no tissue used (for repair) no device used (for repair)
1UM80VJNW	Repair, first interphalangeal joint of hand, joint repair with phalangeal osteotomy (for realigning joint) no tissue used (for repair) using screw, plate and screw
1UT80WUNWQ	Repair, flexor tendons of finger [excludes thumb] using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] with combined sources of tissue [e.g. autograft, tendon transfer, goretex]
1UU55LASL	Removal of device, tendons of thumb [Pollicis tendons] of spacer device [e.g. Silastic rod] using open approach
1UU80WUNWA	Repair, tendons of thumb [Pollicis tendons] using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] with autograft [e.g. tendon, fascia]
1UU80WUNWQ	Repair, tendons of thumb [Pollicis tendons] using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] with combined sources of tissue [e.g. autograft, tendon transfer, goretex]
1UU80WUXXQ	Repair, tendons of thumb [Pollicis tendons] using tenodesis technique [tendon looped or sutured to or through bone] with combined sources of tissue [e.g. autograft, tendon transfer, goretex]
1UV80WUNWA	Repair, tendons of wrist and hand using tenodesis with screw fixation [tendon with a bone plug fixed to bone with screw] with autograft [e.g. tendon, fascia]
1UV80WUXXN	Repair, tendons of wrist and hand using tenodesis technique [tendon looped or sutured to or through bone] with synthetic tissue [e.g. gortex, mesh]
1YX87LAXXB	Excision partial, nail using open [excisional] approach and split-thickness autograft
1YX89LAXXB	Excision total, nail using open [excisional] approach and split-thickness autograft
2BG70PF	Inspection, brachial plexus using posterior open approach