

TABLE E1 Classification and Distribution of Diagnoses Observed in the Cohort During the Study Period

Diagnoses	Number of Patients	Percent of All Patients	ICD-9-CM Codes
Traumatic Conditions	2669	59%	
Fracture	2112	46%	813.4-817.1
Sprain	206	5%	842.0-842.13
Malunion/Nonunion	76	2%	733.81, 733.82
Wound	55	1%	881.02-884.2
Acquired Deformity	51	1%	736.1-736.21
Crush/Contusion	39	<1%	903.5, 923.2-927.3
Dislocation	33	<1%	833.0-834.2
Pathological Fracture	29	<1%	733.1
Loose Body	27	<1%	718.13-718.14
Nerve Injury	18	<1%	953.4, 955.1-955.8
Ruptured Flexor Tendon	8	<1%	727.64
Ruptured Extensor Tendon	7	<1%	727.63
Finger Injury Not Otherwise Specified	7	<1%	959.5
Brachial Plexus Birth Injury	1	<1%	767.6
Inflammatory Conditions	901	20%	
Carpal Tunnel Syndrome	491	11%	354.0
Tendinitis/Tenosynovitis	297	7%	726.4, 727.0, 727.03, 727.04
Neuritis	72	2%	354.1-354.9
Dupuytren Contracture	24	<1%	728.6
Thoracic Outlet Syndrome	17	<1%	353.0
Degenerative Conditions	333	7%	
Osteoarthritis	207	5%	715.0-715.99
Chondromalacia (Wrist)	79	2%	733.92
Rheumatoid Arthritis	29	<1%	714.0
Traumatic Arthritis	16	<1%	716.1-716.19
Juvenile Rheumatoid Arthritis	2	<1%	714.30
Other Conditions	663	14%	
Cyst	275	6%	727.4-727.43, 733.2, 733.21
Hand or Wrist Pain, Swelling, Stiffness, Spasm, or Symptoms Not Otherwise Specified	154	3%	719.04-719.64, 728.5, 782.2, 782.3
Neoplasm	75	2%	213.5, 214.1, 215.2, 228.01, 229.8, 239.2, 727.02
Complication of Orthopaedic Device	41	<1%	996.78
Nail Disorder	25	<1%	703.0-703.9
Contracture/Ankylosis	25	<1%	718.4-718.84
Soft Tissue Infection	23	<1%	680.4, 681.0, 681.02, 682.4, 686.1, 686.9
Congenital Anomaly	16	<1%	754.89, 755.01-755.59
Juvenile Osteochondrosis	9	<1%	732.3
Ligamentous Laxity	7	<1%	728.4
Bone Infection	5	<1%	730.0-730.3
Gangrene	3	<1%	785.4
Viral Warts	3	<1%	078.1
Osteogenesis Imperfecta	2	<1%	756.51
Total	4566	100%	