

Supplementary content for: Safdieh and colleagues: *Pediatric Septic Arthritis and Osteomyelitis in the US: A National KID Database Analysis. HSS Journal 2018.*

**ICD Diagnosis and Procedure Codes**

Septic Arthritis	
ICD-9	Diagnosis Description
711	Pyogenic arthritis, site unspecified
71101	Pyogenic arthritis, shoulder region
71102	Pyogenic arthritis, upper arm
71103	Pyogenic arthritis, forearm
71104	Pyogenic arthritis, hand
71105	Pyogenic arthritis, pelvic region and thigh
71106	Pyogenic arthritis, lower leg
71107	Pyogenic arthritis, ankle and foot
71108	Pyogenic arthritis, other specified sites
71109	Pyogenic arthritis, multiple sites
Osteomyelitis	
730	site unspecified
73001	shoulder region
73002	upper arm
73003	Forearm
73004	Hand
73005	pelvic region and thigh
73006	lower leg
73007	ankle and foot
73008	other specified sites
73009	multiple site
Acute osteomyelitis	
730	site unspecified
73001	shoulder region
73002	upper arm
73003	Forearm
73004	Hand
73005	pelvic region and thigh
73006	lower leg
73007	ankle and foot
73008	other specified sites
73009	multiple site
Chronic osteomyelitis	
7301	site unspecified
73011	shoulder region
73012	upper arm
73013	Forearm
73014	Hand

73015	pelvic region and thigh
73016	lower leg
73017	ankle and foot
73018	other specified sites
73019	multiple site
Unspecified osteomyelitis	
7302	site unspecified
73021	shoulder region
73022	upper arm
73023	Forearm
73024	Hand
73025	pelvic region and thigh
73026	lower leg
73027	ankle and foot
73028	other specified sites
73029	multiple site
Periostitis	
7303	site unspecified
73031	shoulder region
73032	upper arm
73033	Forearm
73034	Hand
73035	pelvic region and thigh
73036	lower leg
73037	ankle and foot
73038	other specified sites
73039	multiple site
Other infection involving bone	
7308	site unspecified
73081	shoulder region
73082	upper arm
73083	Forearm
73084	Hand
73085	pelvic region and thigh
73086	lower leg
73087	ankle and foot
73088	other specified sites
73089	multiple site
Unspecified infection of bone	
7309	site unspecified
73091	shoulder region
73092	upper arm
73093	Forearm
73094	Hand
73095	pelvic region and thigh
73096	lower leg

73097	ankle and foot
73098	other specified sites
73099	multiple site

**Table 2 ICD-9 Procedure Codes**

Bone biopsy	
ICD-9	Code Description
7740	Biopsy of bone, unspecified site
7741	Biopsy of bone, scapula, clavicle, and thorax [ribs and sternum]
7742	Biopsy of bone, humerus
7743	Biopsy of bone, radius and ulna
7744	Biopsy of bone, carpals and metacarpals
7745	Biopsy of bone, femur
7746	Biopsy of bone, patella
7747	Biopsy of bone, tibia and fibula
7748	Biopsy of bone, tarsals and metatarsals
7749	Biopsy of bone, other bones
Bone diagnostic procedure	
7880	Diagnostic procedures on bone, not elsewhere classified, unspecified site
7881	Diagnostic procedures on bone, not elsewhere classified, scapula, clavicle, and thorax [ribs and sternum]
7882	Diagnostic procedures on bone, not elsewhere classified, humerus
7883	Diagnostic procedures on bone, not elsewhere classified, radius and ulna
7884	Diagnostic procedures on bone, not elsewhere classified, carpals and metacarpals
7885	Diagnostic procedures on bone, not elsewhere classified, femur
7886	Diagnostic procedures on bone, not elsewhere classified, patella
7887	Diagnostic procedures on bone, not elsewhere classified, tibia and fibula
7888	Diagnostic procedures on bone, not elsewhere classified, tarsals and metatarsals
7889	Diagnostic procedures on bone, not elsewhere classified, other bones
Joint biopsy	
8030	Biopsy of joint structure, unspecified site
8031	Biopsy of joint structure, shoulder
8032	Biopsy of joint structure, elbow
8033	Biopsy of joint structure, wrist
8034	Biopsy of joint structure, hand and finger
8035	Biopsy of joint structure, hip
8036	Biopsy of joint structure, knee
8037	Biopsy of joint structure, ankle
8038	Biopsy of joint structure, foot and toe
8039	Biopsy of joint structure, other specified sites

Other diagnostic procedure	
8394	Aspiration of bursa
8395	Aspiration of other soft tissue
8191	Arthrocentesis
8192	Injection of therapeutic substance into joint or ligament
8198	Other diagnostic procedures on joint structures
8321	Open biopsy of soft tissue
8329	Other diagnostic procedures on muscle, tendon, fascia, and bursa, including that of hand
Arthrotomy for removal of prosthesis	
8000	Arthrotomy for removal of prosthesis without replacement, unspecified site
8001	Arthrotomy for removal of prosthesis without replacement, shoulder
8002	Arthrotomy for removal of prosthesis without replacement, elbow
8003	Arthrotomy for removal of prosthesis without replacement, wrist
8004	Arthrotomy for removal of prosthesis without replacement, hand and finger
8005	Arthrotomy for removal of prosthesis without replacement, hip
8006	Arthrotomy for removal of prosthesis without replacement, knee
8007	Arthrotomy for removal of prosthesis without replacement, ankle
8008	Arthrotomy for removal of prosthesis without replacement, foot and toe
8009	Arthrotomy for removal of prosthesis without replacement, other specified sites
Other arthrotomy	
8010	Other arthrotomy, unspecified site
8011	Other arthrotomy, shoulder
8012	Other arthrotomy, elbow
8013	Other arthrotomy, wrist
8014	Other arthrotomy, hand and finger
8015	Other arthrotomy, hip
8016	Other arthrotomy, knee
8017	Other arthrotomy, ankle
8018	Other arthrotomy, foot and toe
8019	Other arthrotomy, other specified sites
Arthroscopy	
8020	Arthroscopy, unspecified site
8021	Arthroscopy, shoulder
8022	Arthroscopy, elbow
8023	Arthroscopy, wrist
8024	Arthroscopy, hand and finger
8025	Arthroscopy, hip
8026	Arthroscopy, knee
8027	Arthroscopy, ankle
8028	Arthroscopy, foot and toe
8029	Arthroscopy, other specified sites
Division of joint capsule	
8040	Division of joint capsule, ligament, or cartilage, unspecified site
8041	Division of joint capsule, ligament, or cartilage, shoulder

8042	Division of joint capsule, ligament, or cartilage, elbow
8043	Division of joint capsule, ligament, or cartilage, wrist
8044	Division of joint capsule, ligament, or cartilage, hand and finger
8045	Division of joint capsule, ligament, or cartilage, hip
8046	Division of joint capsule, ligament, or cartilage, knee
8047	Division of joint capsule, ligament, or cartilage, ankle
8048	Division of joint capsule, ligament, or cartilage, foot and toe
8049	Division of joint capsule, ligament, or cartilage, other specified sites
Excision	
8080	Arthroscopy, unspecified site
8081	Arthroscopy, shoulder
8082	Arthroscopy, elbow
8083	Arthroscopy, wrist
8084	Arthroscopy, hand and finger
8085	Arthroscopy, hip
8086	Arthroscopy, knee
8087	Arthroscopy, ankle
8088	Arthroscopy, foot and toe
8089	Arthroscopy, other specified sites
8090	Other excision of joint, unspecified site
8091	Other excision of joint, shoulder
8092	Other excision of joint, elbow
8093	Other excision of joint, wrist
8094	Other excision of joint, hand and finger
8095	Other excision of joint, hip
8096	Other excision of joint, knee
8097	Other excision of joint, ankle
8098	Other excision of joint, foot and toe
8099	Other excision of joint, other specified sites
8050	Excision or destruction of intervertebral disc, unspecified
8051	Excision of intervertebral disc
Synovectomy	
8070	Synovectomy, unspecified site
8071	Synovectomy, shoulder
8072	Synovectomy, elbow
8073	Synovectomy, wrist
8074	Synovectomy, hand and finger
8075	Synovectomy, hip
8076	Synovectomy, knee
8077	Synovectomy, ankle
8078	Synovectomy, foot and toe
8079	Synovectomy, other specified sites
Other joint operation	
8199	Other operations on joint structures
Sequestrectomy	
7700	Sequestrectomy, unspecified site

7701	Sequestrectomy, scapula, clavicle, and thorax [ribs and sternum]
7702	Sequestrectomy, humerus
7703	Sequestrectomy, radius and ulna
7704	Sequestrectomy, carpals and metacarpals
7705	Sequestrectomy, femur
7706	Sequestrectomy, patella
7707	Sequestrectomy, tibia and fibula
7708	Sequestrectomy, tarsals and metatarsals
7709	Sequestrectomy, other bones
Bone incision	
7710	Other incision of bone without division, unspecified site
7711	Other incision of bone without division, scapula, clavicle, and thorax [ribs and sternum]
7712	Other incision of bone without division, humerus
7713	Other incision of bone without division, radius and ulna
7714	Other incision of bone without division, carpals and metacarpals
7715	Other incision of bone without division, femur
7716	Other incision of bone without division, patella
7717	Other incision of bone without division, tibia and fibula
7718	Other incision of bone without division, tarsals and metatarsals
7719	Other incision of bone without division, other bones
Bone division	
7730	Other division of bone, unspecified site
7731	Other division of bone, scapula, clavicle, and thorax [ribs and sternum]
7732	Other division of bone, humerus
7733	Other division of bone, radius and ulna
7734	Other division of bone, carpals and metacarpals
7735	Other division of bone, femur
7736	Other division of bone, patella
7737	Other division of bone, tibia and fibula
7738	Other division of bone, tarsals and metatarsals
7739	Other division of bone, other bones
Local excision of lesion or bone tissue	
7760	Local excision of lesion or tissue of bone, unspecified site
7761	Local excision of lesion or tissue of bone, scapula, clavicle, and thorax [ribs and sternum]
7762	Local excision of lesion or tissue of bone, humerus
7763	Local excision of lesion or tissue of bone, radius and ulna
7764	Local excision of lesion or tissue of bone, carpals and metacarpals
7765	Local excision of lesion or tissue of bone, femur
7766	Local excision of lesion or tissue of bone, patella
7767	Local excision of lesion or tissue of bone, tibia and fibula
7768	Local excision of lesion or tissue of bone, tarsals and metatarsals
7769	Local excision of lesion or tissue of bone, other bones
Ostectomy (partial or total)	
7782	Other partial ostectomy, humerus

7783	Other partial ostectomy, radius and ulna
7784	Other partial ostectomy, carpals and metacarpals
7785	Other partial ostectomy, femur
7786	Other partial ostectomy, patella
7787	Other partial ostectomy, tibia and fibula
7788	Other partial ostectomy, tarsals and metatarsals
7789	Other partial ostectomy, other bones
7790	Total ostectomy, unspecified site
7791	Total ostectomy, scapula, clavicle, and thorax [ribs and sternum]
7792	Total ostectomy, humerus
7793	Total ostectomy, radius and ulna
7794	Total ostectomy, carpals and metacarpals
7795	Total ostectomy, femur
7796	Total ostectomy, patella
7797	Total ostectomy, tibia and fibula
7798	Total ostectomy, tarsals and metatarsals
7799	Total ostectomy, other bones
Other repair or plastic operation on bone	
7840	Other repair or plastic operations on bone, unspecified site
7841	Other repair or plastic operations on bone, scapula, clavicle, and thorax [ribs and sternum]
7842	Other repair or plastic operations on bone, humerus
7843	Other repair or plastic operations on bone, radius and ulna
7844	Other repair or plastic operations on bone, carpals and metacarpals
7845	Other repair or plastic operations on bone, femur
7846	Other repair or plastic operations on bone, patella
7847	Other repair or plastic operations on bone, tibia and fibula
7848	Other repair or plastic operations on bone, tarsals and metatarsals
7849	Other repair or plastic operations on bone, other bones
Removal of implanted device from bone	
7860	Removal of implanted devices from bone, unspecified site
7861	Removal of implanted devices from bone, scapula, clavicle, and thorax [ribs and sternum]
7862	Removal of implanted devices from bone, humerus
7863	Removal of implanted devices from bone, radius and ulna
7864	Removal of implanted devices from bone, carpals and metacarpals
7865	Removal of implanted devices from bone, femur
7866	Removal of implanted devices from bone, patella
7867	Removal of implanted devices from bone, tibia and fibula
7868	Removal of implanted devices from bone, tarsals and metatarsals
7869	Removal of implanted devices from bone, other bones
Debridement	
7961	Removal of implanted devices from bone, unspecified site
7962	Removal of implanted devices from bone, scapula, clavicle, and thorax [ribs and sternum]
7963	Removal of implanted devices from bone, humerus

7964	Removal of implanted devices from bone, radius and ulna
7965	Removal of implanted devices from bone, carpals and metacarpals
7966	Removal of implanted devices from bone, femur
7967	Removal of implanted devices from bone, patella
7968	Removal of implanted devices from bone, tibia and fibula
7969	Removal of implanted devices from bone, tarsals and metatarsals
8622	Removal of implanted devices from bone, other bones
8628	Nonexcisional debridement of wound, infection or burn
Other irrigation of wound	
9659	Other irrigation of wound