



## Case Log Guidelines for Musculoskeletal Oncology Review Committee for Orthopaedic Surgery

The ACGME Case Log System for Musculoskeletal Oncology allows fellows to document their operative experience during the 12-month educational program and enables the Review Committee to monitor programs to ensure that fellows have an adequate volume and variety of experiences appropriate for fellowship education. In the past, fellows used the Case Log System designed for the core residency program to report their cases. The Review Committee has now identified five defined case categories (listed here on the following pages) as appropriate for the focused education of musculoskeletal oncology fellows; the ACGME Case Log System for Musculoskeletal Oncology has been revised to identify the CPT codes tracked to each defined case category. The CPT codes available in each category are listed below; note that fellows are NOT expected to report cases using all listed CPT codes. The new system is in place now.

To log a case, fellows will continue to identify the patient type (adult or pediatric), and must also identify their role in the case as either Level 1 (primary or supervising fellow surgeon) or Level 2 (assisting fellow surgeon). All procedures at both levels require appropriate faculty member supervision and participation in the case. At this time, both Level 1 and Level 2 participation will count. In addition, fellows must identify a primary CPT code for each case, but should include all additional CPT codes as appropriate. This will allow equivalent tracking of the volume and variety of cases for each fellow, preventing variances based on how cases are coded.

The Review Committee will continue to review the program and fellow Case Log reports as a measure of the depth and breadth of fellow experience. These reports will include all CPT codes entered for all cases. In addition, the Review Committee will review the Tracked Procedures Report as a measure of fellow experience related to the defined case categories. These reports will reflect only the primary CPT codes identified for each tracked case.

Fellows must demonstrate competence in performing operative procedures related to benign and malignant bone and soft tissue tumors, metabolic musculoskeletal disease, and complex reconstruction with an oncologic diagnosis, including a **minimum of 150 relevant oncologic operative procedures which should include:**

1. At least 10 complex spine and/or sacral/pelvic surgical procedures
2. At least 20 soft tissue resections with appropriate reconstructive surgery
3. At least 20 limb salvage procedures
4. At least 5 cases demonstrating surgical management of the complications of limb salvage surgery
5. At least 20 cases demonstrating management of distant metastatic disease, including resection
6. At least 15 pediatric oncologic cases in the first three categories (under 18 years of age)

## DEFINED CASE CATEGORIES/CPT CODE MAPPING

### 1. SPINE / PELVIS – MINIMUM 10

22112	Partial excision of vertebral body, for intrinsic bony lesion, without decompression of spinal cord or nerve root(s), single vertebral segment; thoracic
22114	Partial excision of vertebral body, for intrinsic bony lesion, without decompression of spinal cord or nerve root(s), single vertebral segment; lumbar
22101	Partial excision of posterior vertebral component (e.g., spinous process, lamina or facet) for intrinsic bony lesion, single vertebral segment; thoracic
22102	Partial excision of posterior vertebral component (e.g., spinous process, lamina or facet) for intrinsic bony lesion, single vertebral segment; lumbar
27075	Radical resection of tumor; wing of ilium, 1 pubic or ischial ramus or symphysis pubis
27076	Radical resection of tumor; ilium, including acetabulum, both pubic rami, or ischium and acetabulum
27077	Radical resection of tumor; innominate bone, total
27078	Radical resection of tumor; ischial tuberosity and greater trochanter of femur

### 2. SOFT TISSUE RESECTIONS AND RECONSTRUCTION – MINIMUM 20

21936	Radical resection of tumor (e.g., sarcoma), soft tissue of back or flank; 5 cm or greater
22905	Radical resection of tumor (e.g., sarcoma), soft tissue of abdominal wall; 5 cm or greater
23078	Radical resection of tumor (e.g., sarcoma), soft tissue of shoulder area; 5cm or greater
24079	Radical resection of tumor (e.g., sarcoma), soft tissue of upper arm or elbow area; 5 cm or greater
25078	Radical resection of tumor (e.g., sarcoma), soft tissue of forearm and/or wrist area; 3 cm or greater
27059	Radical resection of tumor (e.g., sarcoma), soft tissue of pelvis and hip area; 5 cm or greater
27364	Radical resection of tumor (e.g., sarcoma), soft tissue of thigh or knee area; 5 cm or greater
27616	Radical resection of tumor (e.g., sarcoma), soft tissue of leg or ankle area; 5 cm or greater
28047	Radical resection of tumor (e.g., sarcoma), soft tissue of foot or toe; 3 cm or greater

### 3. LIMB SALVAGE – MINIMUM 20

23210	Radical resection of tumor; scapula
23220	Radical resection of tumor, proximal humerus
24150	Radical resection of tumor, shaft or distal humerus
25170	Radical resection of tumor, radius or ulna
27365	Radical resection of tumor, femur or knee
27645	Radical resection of tumor; tibia
27646	Radical resection of tumor; fibula
27647	Radical resection of tumor; talus or calcaneus

### 4. SURGICAL MANAGEMENT OF COMPLICATIONS – MINIMUM 5

15736	Muscle, myocutaneous, or fasciocutaneous flap; upper extremity
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15738	Muscle, myocutaneous, or fasciocutaneous flap; lower extremity
23334	Removal of prosthesis, includes debridement and synovectomy when performed; humeral or glenoid component
24435	Repair of nonunion or malunion, humerus; with iliac or other autograft (includes obtaining graft)
27091	Removal of hip prosthesis; complicated, including total hip prosthesis, methylmethacrylate with or without insertion of spacer
27488	Removal of prosthesis, including total knee prosthesis, methylmethacrylate with or without insertion of spacer, knee
24515	Open treatment of humeral shaft fracture with plate/screws, with or without cerclage
27506	Open treatment of femoral shaft fracture, with or without external fixation, with insertion of intramedullary implant, with or without cerclage and/or locking screws
27472	Repair, nonunion or malunion, femur, distal to head and neck; with iliac or other autogenous bone graft (includes obtaining graft)
27724	Repair of nonunion or malunion, tibia; with iliac or other autograft (includes obtaining graft)

#### 5. MANAGEMENT OF METASTATIC DISEASE – MINIMUM 20

23491	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; proximal humerus
23616	Open treatment of proximal humeral (surgical or anatomical neck) fracture, includes internal fixation, when performed, includes repair of tuberosity(s), when performed; with proximal humeral prosthetic replacement
24498	Prophylactic treatment (nailing, pinning, plating or wiring), with or without methylmethacrylate, humeral shaft
27187	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate, femoral neck and proximal femur
27125	Hemiarthroplasty, hip, partial (e.g., femoral stem prosthesis, bipolar arthroplasty)
27130	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft
27244	Treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with plate/screw type implant, with or without cerclage
27245	Open treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with intramedullary implant, with or without interlocking screws and/or cerclage
27447	Arthroplasty, knee, condyle and plateau; medial AND lateral compartments with or without patella resurfacing (total knee arthroplasty)
27495	Prophylactic treatment (nailing, pinning, plating, or wiring) with or without methylmethacrylate, femur
27511	Open treatment of femoral supracondylar or transcondylar fracture without intercondylar extension, includes internal fixation, when performed
27513	Open treatment of femoral supracondylar or transcondylar fracture with intercondylar extension, includes internal fixation, when performed
27745	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate, tibia