

MSTS Fellowship Surgical Guidelines (RRC Requirements)

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 (bone resection and reconstruction)
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)

Soft tissue Resections and Reconstruction:

21936 Radical resection of tumor (eg, sarcoma), soft tissue of back or flank; 5 cm or greater

22905 Radical resection of tumor (eg, sarcoma), soft tissue of abdominal wall; 5 cm or greater

23078 Radical resection of tumor (eg, sarcoma), soft tissue of shoulder area; 5cm or greater

24079 Radical resection of tumor (eg, sarcoma), soft tissue of upper arm or elbow area; 5 cm or greater

25078 Radical resection of tumor (eg, sarcoma), soft tissue of forearm and/or wrist area; 3 cm or greater

27059 Radical resection of tumor (eg, sarcoma), soft tissue of pelvis and hip area; 5 cm or greater

27364 Radical resection of tumor (eg, sarcoma), soft tissue of thigh or knee area; 5 cm or greater

27616 Radical resection of tumor (eg, sarcoma), soft tissue of leg or ankle area; 5 cm or greater

28047 Radical resection of tumor (eg, sarcoma), soft tissue of foot or toe; 3 cm or Greater

Limb Salvage:

- 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

Spine / Pelvis:

- 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 (eg, spinous process, lamina or facet) for intrinsic bony lesion, single vertebral segment; thoracic
- 22102 Partial excision of posterior vertebral component (eg, 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

Management of Metastatic Disease:

- 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 (eg, 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

Surgical Management of Complications:

- 15736 Muscle, myocutaneous, or fasciocutaneous flap; upper extremity
- 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)