



MUSCULOSKELETAL TUMOR SOCIETY

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MSTS Fellowship Surgical Case Minimums Guidelines

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 5 internal or external hemipelvectomies or sacrectomies
2. at least 20 soft tissue malignant tumor resections with appropriate reconstructive surgery
3. at least 10 extremity (proximal humerus, elbow or forearm, proximal/distal femur, proximal/distal tibia) limb salvage procedures that involve wide margin bone resection and reconstruction for a diagnosis of primary bone sarcoma.
4. at least 5 cases demonstrating surgical management of the complications of limb salvage surgery. Complications include but no limited to wound infection, wound dehiscence, aseptic loosening of endoprosthesis, endoprosthesis failure, soft tissue failure, nonunion or fracture of allograft, and other.
5. at least 20 cases demonstrating management of distant metastatic disease
6. at least 15 pediatric oncologic cases in the first three categories (under 18 years of age)
7. at least 3 extremity amputations