

Minimal dataset final
September 10, 2025

1. Is this a primary (non-recurrent) sarcoma?
 - a. Yes
 - b. No
2. Name of treating institution
3. Country/state of treating institution
4. Patient name and/or unique ID
5. Patient date of birth
6. Patient sex
 - a. Male
 - b. Female
 - c. Nonbinary
7. Patient zip code or city/region of residence
8. Date of diagnosis (pathology report/biopsy)
9. Unplanned excision prior to referral ("whoops" procedure)?
 - a. Yes
 - b. No
10. Tumor side
 - a. Left
 - b. Right
 - c. Midline
11. Bone or soft tissue type and location
 - a. Bone
 - i. Upper extremity
 1. Scapula
 2. Clavicle
 3. Humerus
 4. Radius
 5. Ulna
 6. Carpus
 7. Metacarpals
 8. Phalanges
 - ii. Lower extremity
 1. Pelvis (select all that apply)
 - a. Zone 1
 - b. Zone 2
 - c. Zone 3
 - d. Sacrum
 2. Femur
 3. Patella
 4. Tibia
 5. Fibula
 6. Hindfoot
 7. Midfoot
 8. Forefoot
 - iii. Axial
 1. Cervical spine
 2. Thoracic spine

3. Lumbar spine
4. Sacrum/coccyx
5. Sternum
6. Ribs
- b. Soft tissue
 - i. Upper extremity
 1. Axilla
 2. Shoulder
 3. Arm
 4. Elbow
 5. Forearm
 6. Wrist
 7. Hand
 - ii. Lower extremity
 1. Gluteal
 2. Pelvis
 3. Thigh
 4. Knee
 5. Popliteal fossa
 6. Leg
 7. Ankle
 8. Foot
 - iii. Axial
 1. Trunk and chest wall
 2. Flank and abdominal wall
 3. Paraspinal – cervical
 4. Paraspinal – thoracic
 5. Paraspinal - lumbar
12. Longitudinal location (select all that apply)
 - a. Proximal
 - b. Midshaft
 - c. Distal
 - d. Not applicable
13. Bone or soft tissue histology
 - a. Bone
 - i. Giant cell tumor
 - ii. Ewing family
 - iii. Chondrosarcoma/ACT
 1. Atypical cartilaginous tumor
 2. Conventional
 3. Secondary
 4. Periosteal/juxtacortical
 5. Mesenchymal
 6. Clear cell
 7. Dedifferentiated
 - iv. Osteosarcoma
 1. Conventional
 2. Surface
 - a. Parosteal
 - b. Periosteal
 - c. High-grade surface

- 3. Telangiectatic
 - 4. Small cell
 - 5. Low-grade central
- v. Chordoma
- vi. Other
 - 1. Fibrosarcoma
 - 2. Angiosarcoma
 - 3. Adamantinoma
 - 4. Synovial sarcoma
 - 5. Hemangioendothelioma
 - 6. Leiomyosarcoma
 - 7. Solitary fibrous tumor of bone
 - 8. Langerhans cell histiocytosis
 - 9. Sarcoma, not otherwise specified, not fusion-related
 - 10. Other fusion-related sarcoma
- b. Soft tissue
 - i. Fibrous tumors
 - 1. Myxofibrosarcoma
 - 2. Solitary fibrous tumor
 - 3. Inflammatory myofibroblastic tumor
 - 4. Fibromyxoid sarcoma
 - 5. Dermatofibrosarcoma protuberans
 - a. Fibrosarcomatous transformation
 - b. No fibrosarcomatous transformation
 - 6. Giant cell fibroblastoma
 - 7. Myofibroblastic sarcoma
 - 8. Sclerosing epithelioid sarcoma
 - 9. Angiomatoid fibrous histiocytoma
 - 10. Aggressive fibromatosis/Desmoid tumor
 - ii. Liposarcoma
 - 1. ALT/WDLS
 - 2. Myxoid liposarcoma
 - 3. Dedifferentiated liposarcoma
 - 4. Pleomorphic liposarcoma
 - 5. Sclerosing liposarcoma
 - 6. Myxoid pleomorphic liposarcoma
 - iii. Uncertain differentiation
 - 1. Extraskeletal osteosarcoma
 - 2. Extraskeletal myxoid chondrosarcoma
 - 3. Epithelioid sarcoma
 - 4. Alveolar soft parts sarcoma
 - 5. Clear cell sarcoma
 - 6. Plexiform fibrohistiocytic tumor
 - 7. Benign, Diffuse type tenosynovial giant cell tumor
 - 8. Malignant tenosynovial giant cell tumor
 - 9. Giant cell tumor of soft tissue
 - 10. Angiomatoid fibrous histiocytoma
 - 11. Malignant ossifying fibromyxoid tumor
 - 12. Myoepithelial carcinoma
 - 13. Hemosiderotic fibrolipomatous tumor
 - 14. Malignant phosphaturic mesenchymal tumor

15. Extrarenal rhabdoid tumor
 16. Ewing family of tumors
 17. Desmoplastic small round cell tumor
 18. PEComa
 19. Sarcoma, not otherwise specified, not fusion-related
 20. Other fusion-related sarcoma
 - iv. Synovial sarcoma
 - v. Vascular sarcoma
 1. Angiosarcoma
 2. Kaposi sarcoma
 3. Pseudomyogenic hemangioendothelioma
 4. Epithelioid hemangioendothelioma
 5. Malignant glomus tumor
 6. Intimal sarcoma
 - vi. Leiomyosarcoma
 - vii. Neural sarcoma
 1. Malignant peripheral nerve sheath tumor
 2. Melanotic schwannoma
 3. Malignant perineuroma
 4. Malignant granular cell tumor
 - viii. Rhabdomyosarcoma
 1. Embryonal
 2. Pleomorphic
 3. Alveolar
 4. Spindle cell
 - ix. Undifferentiated sarcoma
 1. Undifferentiated pleomorphic sarcoma
 2. Undifferentiated round cell sarcoma
 3. Undifferentiated spindle cell sarcoma
 4. Undifferentiated epithelioid sarcoma
14. Grade
- a. Benign
 - b. Grade 1
 - c. Grade 2
 - d. Grade 3
 - e. Grade X
15. Tumor size in greatest dimension
- a. ≤ 5 cm
 - b. >5 and ≤ 10 cm
 - c. >10 and ≤ 15 cm
 - d. >15 cm
 - e. Not applicable
16. Tumor depth (select all that apply)
- a. Superficial
 - b. Deep
17. Metastasis at diagnosis (choose all that apply)
- a. Yes, lung
 - b. Yes, other than lung
 - c. No
18. Treatment intention at diagnosis
- a. Curative

- b. Palliative
- 19. Surgery type
 - a. Limb salvage
 - b. Rotationplasty
 - c. Amputation
 - d. None
- 20. Date of surgery
 - a. Enter date
 - b. None
- 21. Final margins
 - a. Wide (R0, ≥ 1 mm, no residual tumor)
 - b. Marginal (R0, < 1 mm)
 - c. Microscopic positive (R1)
 - d. Macroscopic positive (R2)
 - e. Intralesional curettage
 - f. Not applicable – no definitive resection
- 22. Intraoperative contamination
 - a. Yes
 - b. No
- 23. Systemic agents
 - a. Yes
 - i. Neoadjuvant (preoperative) only
 - ii. Adjuvant (postoperative) only
 - iii. Both neoadjuvant and adjuvant
 - iv. Definitive (no surgical resection)
 - b. No
- 24. Radiation therapy
 - a. Yes (select all that apply)
 - i. Neoadjuvant (preoperative)
 - ii. Adjuvant (postoperative)
 - iii. Intraoperative
 - iv. Definitive (no surgical resection)
 - b. No
- 25. Record complete
 - a. Yes
 - b. No