

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