

## Soft Tissue Sarcoma

**Procedure:**     Intralesional resection  
                  Marginal resection  
                  Wide resection  
                  Radical resection  
                  Other: \_\_\_\_\_  
                  Not specified

**Tumor type (based on 2019 WHO classification):**

**Adipocytic Tumors**

- Atypical lipomatous tumor/Well-differentiated liposarcoma
- Myxoid liposarcoma
- Dedifferentiated liposarcoma
- Pleomorphic liposarcoma
- Myxoid pleomorphic liposarcoma
- Epithelioid pleomorphic liposarcoma

**Fibroblastic and Myofibroblastic Tumors**

- Dermatofibrosarcoma protuberans
- Fibrosarcomatous dermatofibrosarcoma protuberans
- Solitary fibrous tumor
- Solitary fibrous tumor, malignant
- Inflammatory myofibroblastic tumor
- Low-grade myofibroblastic sarcoma
- Myxoinflammatory fibroblastic sarcoma
- Infantile Fibrosarcoma
- Adult fibrosarcoma
- Myxofibrosarcoma
- Epithelioid myxofibrosarcoma
- Low-grade fibromyxoid sarcoma
- Sclerosing epithelioid fibrosarcoma

**Vascular Tumors**

- Epithelioid hemangioendothelioma
- Angiosarcoma
- Kaposi sarcoma

**Smooth Muscle Tumors**

- Leiomyosarcoma
- EBV-associated smooth muscle tumor

**Perivascular Tumors**

- Malignant glomus tumor

**Skeletal Muscle Tumors**

- Embryonal rhabdomyosarcoma
- Alveolar rhabdomyosarcoma
- Pleomorphic rhabdomyosarcoma
- Spindle cell / sclerosing rhabdomyosarcoma

**Chondro-osseus Tumors**

- Extraskeletal osteosarcoma

Mesenchymal chondrosarcoma

**Gastrointestinal Stromal Tumors**

Gastrointestinal stromal tumor

**Nerve Sheath Tumors**

Malignant peripheral nerve sheath tumor

Epithelioid malignant peripheral nerve sheath tumor

Malignant perineurioma

Malignant granular cell tumor

**Tumors of Uncertain Differentiation**

Ossifying fibromyxoid tumor, malignant

Myoepithelial carcinoma

Phosphaturic mesenchymal tumor, malignant

Synovial sarcoma, NOS

Synovial sarcoma, monophasic

Synovial sarcoma, biphasic

Synovial sarcoma, poorly-differentiated

Epithelioid sarcoma

Epithelioid sarcoma, proximal variant

Alveolar soft part sarcoma

Clear cell sarcoma of soft tissue

Extraskeletal myxoid chondrosarcoma

Desmoplastic small round cell tumor

Extrarenal rhabdoid tumor

Perivascular epithelioid cell tumor (PEComa)

Intimal sarcoma

Undifferentiated sarcoma

Undifferentiated pleomorphic sarcoma

Undifferentiated spindle cell sarcoma

**Undifferentiated Small Round Cell Sarcoma**

Extraskeletal ewing sarcoma

Round cell sarcoma with *EWSR1*-non *ETS* fusion

CIC sarcoma

Sarcomas with *BCOR* genetic alterations

*NFATC2* sarcoma

Undifferentiated round cell sarcoma, NOS

**Tumor site:** \_\_\_\_\_

**Tumor size**

\_\_ x \_\_ x \_\_ cm

**Localization**

- Superficial
  - Dermal
  - Subcutaneous (suprafacial)
- Deep
  - Fascial
  - Subfascial

- Intramuscular
- Mediastinal
- Intra-abdominal
- Retroperitoneal
- Head and neck
- Other (specify)\_\_\_\_\_
- Indeterminate

**Mitotic rate**

\_\_\_/10 HPF

**Percent Necrosis**

- Not identified
- Present, percent: \_\_\_\_\_

**Grade (based on FNCLCC)**

- 1
- 2
- 3
- Ungraded sarcoma
- Cannot be determined

**Margin status**

- Positive margin (tumor touching ink), site(s): \_\_\_\_\_
- Marginal resection (ink on pseudocapsule), site and distance to closest margin: \_\_\_\_\_ cm
- Wide resection (layer of normal tissue surrounding tumor), site and distance to closest margin: \_\_\_\_\_ cm
- Cannot be assessed

**Regional lymph nodes**

- None submitted or found
- Number of nodes positive / number examined: \_\_\_\_\_

**Lymphovascular invasion**

- No
- Yes

**Post-treatment effect percentage (based on combined gross and microscopic examination)**

- Percent present: \_\_\_\_\_
- Not identified
- Indeterminate

**Staging, TMN categories (AJCC, 8th ed.)**

Primary Tumor (pT): *The stage differs based on tumor site*

**Head and Neck**

- **pT1:** Tumor  $\leq 2$  cm
- **pT2:** Tumor  $>2$  to  $\leq 4$  cm
- **pT3:** Tumor  $>4$  cm
- **pT4:** Tumor with invasion of adjoining structures
  - **pT4a:** Tumor with orbital invasion, skull base/dural invasion, invasion of central compartment viscera, involvement of facial skeleton, or invasion of pterygoid muscles
  - **pT4b:** Tumor with brain parenchymal invasion, carotid artery encasement, prevertebral muscle invasion, or central nervous system involvement via perineural spread

**Trunk and Extremities**

- **pT0:** No evidence of primary tumor
- **pT1:** Tumor 5 cm or less in greatest dimension
- **pT2:** Tumor more than 5 cm and less than or equal to 10 cm in greatest dimension
- **pT3:** Tumor more than 10 cm and less than or equal to 15 cm in greatest dimension
- **pT4:** Tumor more than 15 cm in greatest dimension

**Abdomen and Thoracic Visceral Organs**

- **pT1:** Organ confined
- **pT2:** Tumor extension into tissue beyond organ
  - **pT2a:** Invades serosa or visceral peritoneum
  - **pT2b:** Extension beyond serosa (mesentery)
- **pT3:** Invades another organ
- **pT4:** Multifocal involvement
  - **pT4a:** Multifocal (2 sites)
  - **pT4b:** Multifocal (3-5 sites)
  - **pT4c:** Multifocal ( $>5$  sites)

**Retroperitoneum**

- **pT0:** No evidence of primary tumor
- **pT1:** Tumor 5 cm or less in greatest dimension
- **pT2:** Tumor more than 5 cm and less than or equal to 10 cm in greatest dimension
- **pT3:** Tumor more than 10 cm and less than or equal to 15 cm in greatest dimension
- **pT4:** Tumor more than 15 cm in greatest dimension

**Orbit**

- **pT0:** No evidence of primary tumor
- **pT1:** Tumor  $\leq 2$  cm in greatest dimension
- **pT2:** Tumor  $>2$  cm in greatest dimension without invasion of bony walls or globe
- **pT3:** Tumor of any size with invasion of bony walls
- **pT4:** Tumor of any size with invasion of globe or periorbital structures, including eyelid, conjunctiva, temporal fossa, nasal cavity, paranasal sinuses, and/or central nervous system

**Regional Lymph Nodes (pN)**

- **pN0:** No regional lymph node metastasis or unknown lymph node status
- **pN1:** Regional lymph node metastasis

**Distant Metastasis (pM)**

- **pM1:** Distant metastasis