

TABLE 2-1		
STAGING STUDIES BASED ON SOFT-TISSUE SARCOMA SUBTYPE		
DIAGNOSIS	PATTERNS OF METASTASIS	STAGING STUDIES
Undifferentiated pleomorphic sarcoma	Lung	CT chest
Liposarcomas (myxoid, round cell, dedifferentiated)	Lung, retroperitoneum	CT chest, abdomen, and pelvis
Myxoid liposarcoma, leiomyosarcoma	Lung, retroperitoneum, bone	CT chest, abdomen, and pelvis Technetium-99 bone scan
Epithelioid sarcoma Synovial sarcoma Angiosarcoma Rhabdomyosarcoma Clear cell sarcoma	Lung, lymph nodes	CT chest PET Consider sentinel node biopsy
Alveolar soft-part sarcoma	Lung, brain	CT chest MRI brain
Abbreviations: CT, computed tomography; MRI, magnetic resonance imaging; PET, positron emission tomography.		

TABLE 2-2			
AMERICAN JOINT COMMISSION ON CANCER SYSTEM FOR STAGING OF MALIGNANT SOFT-TISSUE TUMORS OF THE TRUNK AND EXTREMITIES			
STAGE	GRADE	TUMOR	NODES/METASTASES
IA	G1	T1	N0, M0
IB	G1	T2, T3, T4	N0, M0
II	G2, G3	T1	N0, M0
IIIA	G2, G3	T2	N0, M0
IIIB	G2, G3	T3, T4	N0, M0
IV	Any	Any	N1 or M1
Abbreviations: G1, well-differentiated/low grade; G2, moderately differentiated/low-intermediate grade; G3, poorly differentiated/high grade; T1, 5 cm or less; T2, 5-10 cm; T3, 10-15 cm; T4, greater than 15 cm.			