Tumor Type	Age	Location	Symptoms	X-ray	Microscopy	Treatment	Microscopy	Treatment	Prognosis
Ewing Sarcoma	Children (80% < 20 years)	Diaphysis of long bones (80%), extraskeletal (20%)	Painful mass, tenderness swelling	Lytic, permeative margins, onion-skin periosteal reaction	Small round blue cells	Neoadjuvant chemotherapy + surgery + radiation	Small round blue cells	Neoadjuvant chemotherapy + surgery + radiation	75% 5-year survival
Giant Cell Tumor	Adults	Epiphysis of long bones	Arthritis-like symptoms, pathologic fractures	Lytic, bulging mass	Numerous osteoclast-type giant cells	Curettage (recurrence rate 40-60%)	Numerous osteoclast-type giant cells	Curettage (recurrence rate 40-60%)	Usually benign, local recurrence possible, rare lung metastasis
Metastatic Tumors	Varies	Varies (depends on primary)	Pain, pathologic fractures	Lytic, blastic, or mixed	Varies depending on primary	Varies depending on primary	Varies depending on primary	Varies depending on primary	Poor prognosis, treatment for primary tumor & bone complications