

# BONE TUMOURS

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(b) Figure 42.4 (a, b) Sclerotic osteosarcoma of the distal femur in a child (arrows).

Figure 42.5 (a) Chondrosarcoma of the proximal humerus with multiple calcifications. involvement. (c) Excised chondrosarcoma of the proximal humerus. (a) (c) Figure 42.6 (a) Chondrosarcoma of the foot. (b) Computed tomography scan reconstruction showing multiple calcifications. magnetic resonance imaging scan shows high signal in the chondrosarcoma. (b) Magnetic resonance imaging scan showing extensive (b) (d) (c) T2-weighted (d) Excised chondrosarcoma of the foot.

Figure 42.7 Pathological fracture through a primary chondrosarcoma of the proximal humerus.

TABLE 42.1 Conditions associated with an increased risk of malignant disease in bone and cartilage. High risk Moderate risk Low risk Hereditary multiple Chronic Maffucci syndrome exostoses osteomyelitis (enchondromatosis and angiomas of soft tissue) Ollier’s disease Polyostotic Paget’s Osteonecrosis (enchondromatosis) disease Radiation osteitis Fibrous dysplasia, Familial osteogenesis retinoblastoma imperfecta, syndrome osteoblastoma and chondroblastoma

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