

CODE: T1100 M9183/3

ID NOS: 1/3594 9640

DIAGNOSIS: HUMERUS - OSTEOSARCOMA

CLINICAL HISTORY: M/24. As in many of the older specimens, little clinical information is available. A forequarter amputation was performed for an osteosarcoma of the humerus.

MACROSCOPIC: The head and upper portion of the shaft of the humerus has been surrounded and mainly destroyed by a neoplasm, in which dense bone formation is prominent. The medullary cavity is filled by the tumour and the bony cortex can be seen to persist in places. The two separate bony knobs are secondary deposits in axillary lymph nodes.

MICROSCOPIC: The growing edge of the tumour, especially where it is invading surrounding muscle is cellular and quite undifferentiated (left). The main portion of the lesion and the secondary deposits in the lymph nodes are made up of dense well differentiated neoplastic bone (right).

