

Gillian Pollock 986 20 740690 ;Mrs

61 YEAR OLD FEMALE EXCISION OF DEEP LIPOMATOUS MASS OF THE RIGHT SHOULDER. NO PREVIOUS RMH HISTOLOGY

MACROSCOPY

Deep lipomatous mass, right shoulder: pot contains an unorientated ovoid lipomatous tumour mass entirely encapsulated in a thin layer of connected tissue. The specimen measures 84 x 65 x 33mm. The outer surface is partially covered in skeletal muscle on one side. The resection margins have been inked black. Specimen has been serially sliced revealing a bland homogenous yellow lipomatous tumour occupying the entire specimen. No macroscopic necrosis is seen. Blocks: 1-7) representative sections of tumour. Tissue and tumour remains.

HISTOLOGY

Sections show differentiated adipocytic tumour with surrounding skeletal muscle focally. This is composed of sheets of adipocytes of mature type with prominent intersection by sparsely to moderately cellular fibrous septa. The spindle cells within the septa are plump, although no definite atypia is noted. No mitotic figures or tumour necrosis are seen.

This might represent intramuscular fibrolipoma. Although marked cellular atypia is not identified in the multiple representative sections, lipoma-like atypical lipomatous tumour/ well-differentiated liposarcoma needs exclusion, and **FISH for MDM2 amplification status is awaited**, with a further report to follow. Lesional tissue extends to the inked margin.

Dr Magnus Hallin/Dr Khin Thway

T: soft tissue T SHOULDER M *lipoma*