

0823/20 742533 :,Mrs

60 YEAR OLD FEMALE, WITH MASS IN THE RIGHT SARTORIUS, CLINICALLY IN KEEPING WITH MYXOMA. THIS SPECIMEN: CORE BIOPSY FROM MASS, RIGHT THIGH. NO PREVIOUS RMH HISTOLOGY

MACROSCOPY

Myxoma, right thigh: 9 myxoid cores ranging from 3-20mm, with fragments up to 7mm 1-10) AE

HISTOLOGY

Cores of fibroadipose tissue with focal patchy mild chronic inflammation of the fibrous tissue, and moderately to sparsely cellular tumour, composed of patternless arrays cells with ovoid nuclei and scanty fibrillary cytoplasm, in abundant, hypovascular, delicately myxocollagenous stroma. Only a very occasional single cell shows mild enlargement and atypia (slide 8), but the majority of the cells are uniform, with no atypia identified. No mitotic figures are noted in 10 hpf, and no tumour necrosis is seen.

The tumour is strongly multifocally positive for CD34. There is some scanty focal h-caldesmon, although this marker is often aberrantly overexpressed in this laboratory. Beta-catenin is negative (no definite/ marked nuclear expression is seen. The tumour is negative for SMA, desmin, myogenin, S100 protein, SOX10, MUC4 and AE1/AE3. The proliferation fraction by MIB1 is very low.

The features are in keeping with myxoma. No malignant features are noted in this material.

Dr Magnus Hallin/Dr Khin Thway

T: soft tissue t thigh m myxoma