

ROYAL MARSDEN NHS FOUNDATION TRUST - HISTOPATHOLOGY REPORT

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Lab No	0526/20	Reported	22 Jan 2020	Pathologist	DR HALLIN/DR THWAY
Source	Internal Operation	Sample Received	13 Jan 2020	Ward	
Sex	FEMALE	Age	65	Branch	FULHAM ROAD
Clinical Diagnosis		Operation	13 Jan 2020	Consultant	SMITH,MR M J F

SITE	DIAGNOSIS
A SOFT TISSUE AND OTHER CONNECTIVE TISSUE (T1X005)	FIBROSARCOMA (Malignant) (M88103)
B THIGH (TY9100)	FIBROSARCOMA (Malignant) (M88103)

65 YEAR OLD FEMALE. WITH A 12-MONTH HISTORY OF A LUMP IN HER RIGHT ANTERIOR THIGH. OUTSIDE ULTRASOUND SCAN DEMONSTRATED A WELL-DEFINED 30 X 29 X 23 MM IRREGULAR AND HOMOGENOUSLY HYPOECHOIC MASS. THIS SPECIMEN: CORE BIOPSY FROM THE RIGHT UPPER THIGH MASS.

MACROSCOPY

Site not stated on specimen pot: Three cores ranging from 18-20mm. 1- 3) AE.

HISTOLOGY

Cores of fibroadipose tissue with moderately cellular tumour, composed of mildly to markedly atypical cells with ovoid to spindled nuclei and fibrillary cytoplasm, in prominently myxoid to myxocollagenous stroma. Numerous tumour giant cells are interspersed. The mitotic index is up to 7/10hpf with atypical forms. No definite tumour necrosis is seen.

The tumour is very focally positive for SMA. There is some scanty weak AE1/AE3 expression. The tumour is negative for CD34 (positive in only occasional scanty cells), STAT6, SOX10, S100 protein, desmin and myogenin.

The features are consistent with myxofibrosarcoma, likely grade 1 in this material.

Dr Magnus Hallin/Dr Khin Thway