

ROYAL MARS DEN NHS FOUNDATION TRUST - HISTOPATHOLOGY REPORT

750050: ~~ABC 742 005 2224~~ - NHS Number: 420 392 2224

Lab No	6696/20	Reported	8 Jul 2020	Pathologist	DR HALLIN/DR THWAY
Source	Internal Operation	Sample Received	3 Jul 2020	Ward	
Sex	FEMALE	Age	88	Branch	FULHAM ROAD
Clinical Diagnosis		Operation	3 Jul 2020	Consultant	STRAUSS,MR D C

SITE	DIAGNOSIS
A SOFT TISSUE AND OTHER CONNECTIVE TISSUE (T1X005)	FIBROSARCOMA (Malignant) (M88103)
B LEG (TY9400)	FIBROSARCOMA (Malignant) (M88103)

88 YEAR OLD FEMALE. THIS SPECIMEN: CORE BIOPSY FROM SOFT TISSUE TUMOR FROM RIGHT LOWER LEG. WITH SKIN ULCERATION. IMAGING OF RIGHT MEDIAL LOWER LEG: 8CM SUBCUTANEOUS SARCOMA. NO PREVIOUS RMH HISTOLOGY

MACROSCOPY

Mass, right leg: 4 cores ranging from 5-21mm. 1-4) AE.

HISTOLOGY

Cores of fibroadipose tissue with apparently infiltrative, relatively cellular tumor, composed of loose fascicles or patternless arrays of markedly atypical cells, with ovoid to hyperchromatic elongated/ spindle nuclei and moderate amounts of amphophilic cytoplasm. Bizarre and multinucleate forms are present. In many areas, the stroma is myxoid. The mitotic index focally exceeds 20/10hpf, with numerous atypical forms. No definite tumor necrosis is seen. There is a patchy moderate chronic inflammatory infiltrate. The adjacent adipose tissue is of mature type. Some plump spindle and stellate fibroblasts are occasionally intermingled in the adipose tissue (slide 3), but likely represent native fibroblasts. Focal hemosiderin deposition is noted in fibrous tissue (slide 3). Some acutely inflamed ulcer slough is present.

The tumor is only focally positive for CD34, with only focal scanty expression of SMA. The tumor is negative for STAT6, desmin, myogenin, MUC4, SOX10, S100 protein and AE1/AE3. The proliferation fraction by MIB1 is predominantly high.

The features are in keeping with high-grade myxofibrosarcoma, at least grade 2 in this material.

Dr Magnus Hallin/Dr Khin Thway