

ROYAL MARSDEN NHS FOUNDATION TRUST - HISTOPATHOLOGY REPORT
743368: CASSIDY,MR FRANK - NHS Number: 464 027 3878

Lab No	1296/20	Reported	31 Jan 2020	Pathologist	DR THWAY
Source	Referral	Sample Received	29 Jan 2020	Ward	
Other Hospital				Other Hospital Number	
Sex	MALE	Age	86	Branch	FULHAM ROAD
Clinical Diagnosis		Operation		Consultant	HAYES,MR A J

SITE	DIAGNOSIS
A SOFT TISSUE AND OTHER CONNECTIVE TISSUE (T1X005)	SARCOMA (Malignant) (M88003)
B SHOULDER (TY1220)	SARCOMA (Malignant) (M88003)

86 YEAR OLD MALE. THIS SPECIMEN: EXCISION OF SKIN LESION ON THE SHOULDER, CLINICALLY THOUGHT TO REPRESENT BCC, FROM DEC 2019. PREVIOUSLY REPORTED BY DR FULFORD; IN KEEPING WITH UNDIFFERENTIATED PLEOMORPHIC DERMAL SARCOMA. NO PREVIOUS RMH HISTOLOGY

MACROSCOPY

Received from East Surrey Hospital; 3 blocks ref 28383/19.

HISTOLOGY

Sections show skin and subcutis, with dermis and subcutis containing ill-defined, cellular tumour composed of loose fascicles of moderately to focally markedly atypical cells with ovoid to spindled vesicular nuclei, prominent nucleoli and moderate amounts of amphophilic cytoplasm. The mitotic index exceeds 20/10hpf with atypical forms. No definite necrosis is seen. The dermis shows moderate chronic inflammation. No definite dysplasia or other significant pathology is noted in the overlying squamous epithelium. Probable vascular invasion is described.

The referring report describes the tumour to be positive for CD10, with focal SMA and CD68. The tumour is described to be negative for S100 protein, HMB45, MelanA, SOX10, MNF116, CD34, desmin, CK5 and p40.

This is a pleomorphic malignant neoplasm, and, as previously described by Dr Fulford, the features are in the spectrum of atypical fibroxanthoma- pleomorphic dermal sarcoma, with the deep extension/ involvement of subcutaneous fat in keeping with undifferentiated pleomorphic dermal sarcoma. The lesion is described to be <1mm from the deep margin, and to be 2.5mm from the peripheral margin.

Dr Khin Thway