

ROYAL MARSDEN NHS FOUNDATION TRUST - HISTOPATHOLOGY REPORT
751062: T1X005 - NHS Number: 610 945 6837

Lab No	7046/20	Reported	14 Jul 2020	Pathologist	DR HALLIN/DR THWAY
Source	Referral	Sample Received	14 Jul 2020	Ward	
Other Hospital				Other Hospital Number	
Sex	MALE	Age	90	Branch	FULHAM ROAD
Clinical Diagnosis		Operation		Consultant	SMITH,MR M J F

SITE	DIAGNOSIS
SOFT TISSUE AND OTHER CONNECTIVE TISSUE A (T1X005)	FIBROUS HISTIOCYTOMA MALIGNANT (M88303)
B SCALP (TY0160)	FIBROUS HISTIOCYTOMA MALIGNANT (M88303)

90 YEAR OLD MALE. CLINICAL DETAILS ON REFERRING REPORT: 'SCALP. WLE FIBROXANTHOMA VERTEX SCALP'. THIS SPECIMEN: REVIEW OF OUTSIDE HISTOLOGY OF WLE OF SCALP TUMOR FROM APRIL 2020. PREVIOUSLY REPORTED BY DR AHMAD, WITH EXPERT OPINION FROM DR CALONJE: PLEOMORPHIC DERMAL SARCOMA NOS. NO PREVIOUS RMH HISTOLOGY.

MACROSCOPY

Received from King's Healthcare NHS Trust; 4 blocks 17 s/s ref 5201/20. The macroscopic description from the referring hospital was as follows: Ellipse of skin measuring 55x50x3mm, with an exophytic fungating friable lesion measuring 45mm in maximum diameter.

HISTOLOGY

The features are as previously described by Dr Ahmad and Dr Calonje, and show dermis and subcutis with extensive, infiltrative, ulcerating cellular tumor, composed of loose fascicles of moderately to frequently markedly atypical cells with ovoid vesicular nuclei and moderate amounts of darkly eosinophilic cytoplasm. The mitotic index exceeds 20/10hpf, with atypical forms. No definite tumor necrosis is seen away from the ulceration. No morphologic epithelial differentiation is identified. The surrounding dermis shows prominent solar elastosis. Vascular invasion is described. No significant pathology is seen in the overlying squamous epithelium.

Referring immunohistochemistry shows the tumor to be diffusely and strongly positive for CD10, with some focal SMA. The tumor is negative for CAM5.2, MNF116, desmin, S100 protein, HMB45, MelanA, CD31 (positive in intermingled histiocytes only) and CD34.

The features are consistent with pleomorphic dermal sarcoma, grade 3. The referring report describes the tumor to extend to within only 0.5mm of the deep margin, and to be >5mm from the closest peripheral margin. Please also see the original reports for further information.

Dr Magnus Hallin/Dr Khin Thway

