

ROYAL MARSDEN NHS FOUNDATION TRUST - HISTOPATHOLOGY REPORT

559279: ~~WICR 2012-2013~~ - NHS Number: 634 483 0131

Lab No	6998/20	Reported	14 Jul 2020	Pathologist	DR HALLIN/DR THWAY
Source	Internal Operation	Sample Received	13 Jul 2020	Ward	SURGICAL UNIT
Sex	FEMALE	Age	46	Branch	FULHAM ROAD
Clinical Diagnosis		Operation	13 Jul 2020	Consultant	JONES.DR R L

SITE	DIAGNOSIS
SOFT TISSUE AND OTHER CONNECTIVE TISSUE A (T1X005)	DEDIFFERENTIATED LIPOSARCOMA (Malignant) (M88583)
B ABDOMEN (TY4100)	DEDIFFERENTIATED LIPOSARCOMA (Malignant) (M88583)

46 YEAR OLD FEMALE, WITH PREVIOUS RETROPERITONEAL DEDIFFERENTIATED LIPOSARCOMA (RESECTED 5503/09, WITH RECURRENCES 3729/13 AND 14156/14 (MDM2 AMPLIFIED)). ON TRABECTEDIN. JUNE 2020: STARTED SEAL TRIAL (SELINEXOR/ PLACEBO). THIS SPECIMEN: CORE BIOPSY FROM THE LEFT ABDOMEN ?RECURRENCE. RESPONSE ASSESSMENT CT, JUNE 2020: HETEROGENEOUS ENHANCING DISEASE IN LEFT SIDE OF ABDOMEN, WHICH HAS INCREASED IN SIZE, NOW UP TO 8.7 CM (PREVIOUSLY 4.4 CM). FATTY COMPONENT ANTEROMEDIALY TO THIS JUST DEEP TO THE ABDOMINAL WALL HAS NOT CHANGED, AT 2.9 CM. NO CHANGE IN BLAND FAT IN REGION OF LESSER SAC. STABLE FIBROID UTERUS. NO MEASURABLE PERITONEAL DISEASE OR ASCITES ELSEWHERE. SOLITARY RIGHT KIDNEY UNOBSTRUCTED. NO EVIDENCE OF METASTATIC DISEASE IN THORAX OR IMAGED SKELETON. RADIOLOGIC OPINION: APPEARANCE OF DISEASE PROGRESSION, WITH INCREASE IN SIZE OF LARGE SOFT TISSUE/ DEDIFFERENTIATED COMPONENT OF DISEASE IN LEFT ABDOMEN.

MACROSCOPY

Left abdomen: 5 cores ranging from 18-23mm. 1-5) AE.

HISTOLOGY

These are cores of predominantly relatively sparsely to focally moderately cellular fibrous tissue with scattered, only mildly atypical cells with ovoid to spindle hyperchromatic nuclei, including some bi- or multinucleate forms. The mitotic index is only up to 1/10hpf, although an atypical form is noted. The stroma shows some mild fibrinoid change focally, but no definite tumor necrosis is seen. There is moderate vascularity, largely of thin-walled curvilinear vessels. No definite adipocytic component is noted, and no normal structures are seen.

This is lesional tissue in which the atypia is mild, but the features would be in keeping with recurrent dedifferentiated liposarcoma (grade 2) with a relatively bland, 'low-grade pattern' of dedifferentiation, rather than sclerosing well-differentiated liposarcoma.

Dr Magnus Hallin/Dr Khin Thway