

ROYAL MARSDEN NHS FOUNDATION TRUST - HISTOPATHOLOGY REPORT
750361 [REDACTED] - NHS Number: 634 608 3643

Lab No	7021/20	Reported	14 Jul 2020	Pathologist	DR HALLIN/DR THWAY
Source	Internal Operation	Sample Received	13 Jul 2020	Ward	
Sex	MALE	Age	41	Branch	FULHAM ROAD
Clinical Diagnosis		Operation	13 Jul 2020	Consultant	HAYES,MR A J

SITE	DIAGNOSIS
SOFT TISSUE AND OTHER A CONNECTIVE TISSUE (T1X005)	NEOPLASM UNCERTAIN WHETHER BENIGN OR MALIGNANT / HIBERNOMA (Benign) (M80001 / M88800)
B THIGH (TY9100)	NEOPLASM UNCERTAIN WHETHER BENIGN OR MALIGNANT / HIBERNOMA (Benign) (M80001 / M88800)

41 YEAR OLD MALE, WITH TWO-MONTH HISTORY OF AN ASYMPTOMATIC LEFT THIGH LUMP. MRI REPORTED TO SHOW 140 X 80 X 85MM LIPOMATOUS-LOOKING MASS IN THE LEFT ADDUCTOR MAGNUS. THIS SPECIMEN: CORE BIOPSY FROM THE LEFT ADDUCTOR MASS. MDM2 FISH REQUESTED CLINICALLY. NO PREVIOUS RMH HISTOLOGY.

MACROSCOPY

Left adductor mass: 5 cores ranging from 4-14mm, and fragmented cores measuring up to 20mm in aggregate. 1-5) Cores 6) Fragments. AE.

HISTOLOGY

Cores of skeletal muscle, and an adipocytic lesion, predominantly composed of mature-type fat, with areas of mild fat necrosis, but also with intermingled moderate numbers of delicately multivacuolated cells, with small, bland, ovoid nuclei. No lipoblasts are noted. No definite cellular atypia is identified, and no tumor necrosis or mitotic figures are seen. Fibrous septa are essentially minimal. The skeletal muscle shows focal, very mild, surrounding fibrosis, likely secondary to the adjacent lesion.

This is an adipocytic neoplasm with differential diagnosis of hibernoma (with predominant mature-type fat), lipoma with fat necrosis and, possibly, lipoma-like atypical lipomatous tumor, with features just favoring hibernoma. FISH for MDM2 amplification status is awaited, with a further report to follow.

Dr Magnus Hallin/Dr Khin Thway