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51 YEAR-OLD FEMALE. HISTORY OF CD34-POSITIVE SPINDLE AND PLEOMORPHIC NEOPLASM (GRADE 2-3) IN 2013 IN THE SUBCUTANEOUS TISSUE OF ANTEROLATERAL ASPECT OF THE RIGHT KNEE, CONSISTENT WITH MYXOFIBROSARCOMA WITH HIGH- AND LOW-GRADE AREAS (PROF CYRIL FISHER SECOND OPINION, 2231/13). EXCISION OF RECURRENT TUMOR OF THE RIGHT KNEE IN DEC 2018 (15904/18): CONSISTENT WITH RECURRENT, HIGH-GRADE MYXOFIBROSARCOMA, GRADE 3. THIS SPECIMEN: EXCISION OF RECURRENT SARCOMA RIGHT KNEE.

MACROSCOPY

HISTOLOGY

Sections show skin and subcutis with deeper dermis and subcutis containing moderately cellular tumor, composed of patternless arrays of moderately to occasionally markedly atypical ovoid and spindle cells. Mitoses are not prominent, with an index of up to 1-2. Very focal possible incipient necrosis is seen. No significant pathology is noted in the overlying squamous epithelium, although this is hyperkeratotic.

The features are consistent with recurrent myxofibrosarcoma, grade 2 in this material. The tumour is present at the deep and lateral/ peripheral margins, and <0.5mm from the longitudinal margins.

Dr Magnus Hallin/Dr Khin Thway

T soft tissue t Knee
m fibrosarcoma

Prof Bakal study 2