

 5228 20 697097 ;Mrs

70 year old female. History of excision of right pelvic mass, with Right tube and ovary in nov 2017: Smooth muscle tumor attached to but separate from ovary with moderate nuclear atypia and atypical mitoses, best regarded as Grade 2 leiomyosarcoma (case also seen by Prof Cyril Fisher). Separate ovary and fallopian tube free of malignancy (14768/17). This specimen: Laparotomy for resection of recurrent pelvic sarcoma. Operatively, there was one mass with two lobes.

#### MACROSCOPY

#### HISTOLOGY

Sections show fibroadipose tissue, with fibrous tissue containing focally necrotic, cellular tumor, composed of loose to intersecting fascicles of spindle cells with predominantly mildly to moderately atypical elongated or ovoid nuclei, and relatively abundant eosinophilic cytoplasm. Focal markedly atypical/ bizarre or multinucleate tumor nuclei are intermingled. The mitotic index is variable, but focally up to 9-10/10hpf.

The features are consistent with recurrent leiomyosarcoma, grade 2. The tumor appears excised, although is focally approximately 0.1mm from the peripheral margin, and <0.2mm from the longitudinal margin, being separated from both by a thin layer of connective tissue.

Dr Magnus Hallin/Dr Khin Thway

T: soft tissue t pelvis m leiomyosarcoma

Prof Bakal study 6