

Elizabeth Campbell 1120 20 729483 :,Miss

57 YEAR OLD FEMALE. PREVIOUS GASTRIC GIST, RESECTED. NOW IMAGING EVIDENCE OF RECURRENCE. THIS SPECIMEN: REVIEW OF OUTSIDE HISTOLOGY OF TRANSGASTRIC EUS FNA OF PERIGASTRIC LESION, FROM NOV 2018, PREVIOUSLY REPORTED DR DARWOOD AND DR MCLEAN: EPITHELIOID AND SPINDLE CELL GIST. NO PREVIOUS RMH HISTOLOGY.

MACROSCOPY

HISTOLOGY

The features are as previously described by Dr Dawood and Dr Mclean and show blood and fragments of cellular tumour composed of minimally to mildly atypical epithelioid cells with ovoid vesicular nuclei and moderate amounts of eosinophilic cytoplasm, as well as more spindled cells with essentially similar vesicular nuclei and cytoplasm.

The tumour is diffusely and strongly positive for DOG1 and CD117. There is multifocal strong SMA, with some focal, relatively strong AE1/AE3. The tumour is negative for desmin, myogenin, CD34, STAT6, S100 protein and SOX10.

The previous material is not available to review, but the findings would be in keeping with recurrent spindle and epithelioid GIST. Risk assessment is not performed in recurrent material. **Mutational analysis is awaited, with a further report to follow.**

Dr Magnus Hallin/Dr Khin Thway

T: soft tissue t abdomen m GIST, malignant