

**CODE:** T6300 M8893

**ID NOS:** HX218208 118742

**DIAGNOSIS:** STOMACH – MALIGNANT GASTROINTESTINAL STROMAL TUMOUR

**CLINICAL HISTORY:** M/68. There was a three year history of intermittent gastrointestinal haemorrhages. Gastroscopy showed ulceration and biopsy showed a spindle cell tumour (at that time thought to be a smooth muscle tumour). Gastrectomy was performed. The patient subsequently developed multiple liver metastases and died.

**MACROSCOPIC:** The specimen consists of portion of stomach wall with a large tumour in the area of the fundus. There is ulceration of the overlying mucosa with evidence of haemorrhage. The capsular surface is slightly nodular with numerous blood vessels on the surface. The cut surface shows a varied appearance with yellowish areas of necrosis and haemorrhage.

**MICROSCOPIC:** The section shows a nodular tumour beneath the gastric mucosa (left image). At high power the tumour cells are plump and pleomorphic with prominent nucleoli and some mitotic figures. These tumours arise from the interstitial cells of Cajal, rather than from smooth muscle as previously thought.

