

MALIGNANT NERVE SHEATH TUMOUR OF THE DUODENUM WITH LIVER METASTASIS: A CASE REPORT

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Poster

Oesophagus

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A case report describes malignant peripheral nerve sheath tumour of the duodenum with liver metastasis in a 54-year-old female presenting with gastric outlet obstruction.

KEY POINTS

- The patient presented with gastric outlet obstruction and 5 kg weight loss over 2 months, with hemoglobin of 7.4 g/dl and unremarkable tumour markers.
- Imaging showed irregular wall thickening of the second part of the duodenum and two liver nodules up to 0.7 cm, with endoscopy revealing a large circumferential obstructing mass.
- Histopathology demonstrated high-grade spindle cell neoplasm with immunohistochemistry positive for S-100, SOX-10, and Ki-67 at 30-50 percent, consistent with malignant peripheral nerve sheath tumour.
- Liver biopsy confirmed metastatic spindle cell tumour, and the case was deemed unresectable, leading to palliative duodenal stenting and chemotherapy.
- The authors note that malignant peripheral nerve sheath tumour is extremely rare with no clear management guidelines and unclear prognosis, emphasizing the importance of multidisciplinary approach and immunohistochemistry.

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