Clinical summary

- Female 82 year-old with recently diagnosed biopsy-proven gastrointestinal stromal tumour arising from the greater curvature of the stomach.

- The lobulated exophytic cystic mass, representing the GIST tumour arising from the greater curve of stomach, shows mild to moderate peripheral FDG activity with central photopaenia.
PET/CT findings

Lobulated exophytic cystic GIST arising from the greater curve of stomach, shows peripheral FDG activity with central photopaenia.

FDG-avid left thyroid lesion is consistent with an incidental thyroid neoplasm.
Clinical summary

• Male 47 year-old presents with abdominal discomfort.

• Ultrasound revealed a mass in the left paraumbilical location and multiple liver lesions.

• Cytology from the liver lesion and the mass confirmed the diagnosis to be GIST with liver metastases.

• PET/CT performed for staging.
PET/CT findings

PET/CT shows FDG uptake in the mesenteric mass (A & B), multiple bilateral liver metastases (C & D).

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Teaching point

• A baseline FDG PET scan is recommended to determine tumour avidity for subsequent treatment and response evaluation.


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