Clinical summary

- Female 47 year-old perimenopausal presented with lower abdominal pain and distension with elevated CA125
- Ultrasound revealed bilateral ovarian masses and thickened omentum
- PET/CT scan performed for staging
PET/CT shows FDG-avid bilateral ovarian masses (Panel A); with multiple metabolically active peritoneal deposits around the liver (B); omental cake (C & D) and para-aortic node (E).
Clinical summary

- Female 57 year-old with ovarian cancer post debulking surgery
- Presents for staging PET/CT prior to further treatment
PET/CT findings

FDG PET/CT scan findings are consistent with metabolically active recurrent ovarian carcinoma in the peritoneum and liver.

http://humanhealth.iaea.org
Teaching points

• Staging of ovarian cancers is usually performed surgically.

• The routine use of PET in staging of ovarian carcinoma is not recommended, but it may be useful in selected patients to assess the extent of disease.

• The US National Oncologic PET Registry (NOPR) shows an impact of FDG-PET on intended management at initial staging of ovarian cancer in 16.1% of patients.