Clinical summary

- Female 91 year-old with moderately differentiated ovarian adenocarcinoma
- Treated with surgery and chemotherapy
- Presents with cervical stump local recurrence for restaging
PET/CT findings

FDG PET shows local tumour recurrence at the cervical stump with local extension into the recto-sigmoid (Panel A) and left sided peritoneal metastases (Panel B).
Clinical summary

- Female 48 year-old with adenocarcinoma of the ovary
- Post treatment status – surgery followed by adjuvant chemotherapy
- Presents with rising tumor markers for restaging
PET/CT findings

FDG PET shows hypermetabolic peritoneal deposits on the surface of the liver, best seen on the MIP image (A)

http://humanhealth.iaea.org
Clinical summary

- Female 66 year-old with mucinous adenocarcinoma of the ovary
- Treated with hysterectomy & bilateral salpingo-oophorectomy
- Presents with rising tumor markers for restaging
PET/CT findings

FDG PET shows multiple hypermetabolic peritoneal deposits on the surface of the bowel loops (best seen in the axial slices above)
Teaching points

• PET/CT is appropriate for suspected recurrence.

• PET/CT is potentially appropriate for restaging of ovarian carcinoma.

• The use of FDG PET changed the intended management plan in 37.7% of the cases where it was used in restaging and in 44.5% of the cases where it was used in detection of recurrence.