Clinical summary

- Female 60 year-old with serous adenocarcinoma of the ovary
- For restaging PET scan post-radiotherapy to pelvis
PET/CT findings

FDG PET scan is consistent with local metabolic response to pelvic radiotherapy but progressive metabolic disease in the abdomen, right axilla and right lung hilum

http://humanhealth.iaea.org
Clinical summary

- Female 69 year-old with history of ovarian serous adenocarcinoma
- Treated with total abdominal hysterectomy and bilateral salpingo-oophorectomy 12 months ago
- Presents post-chemotherapy and radiotherapy to the right axilla and upper abdomen for restaging PET/CT
PET/CT findings

Pre-treatment PET

Post-treatment PET

PET scan findings are consistent with minor metabolic response to local radiotherapy in the porta hepatis and retrocaval nodes but persistent disease elsewhere including the right axilla, thorax and peritoneal cavity.
Teaching point

- The use of PET/CT in assessing treatment response is potentially appropriate, but relevant prospective studies are limited.