Clinical summary

- Female 40 year-old presented with bleeding and PV discharge.
- Ultrasonography revealed a large mass involving the cervix extending to involve the lower uterine body and the upper vagina.
- PET/CT study for staging and post-treatment evaluation was performed.
Diffuse thyroid uptake is unchanged in both studies may be consistent with thyroiditis.
Carcinoma of the cervix - complete metabolic response post radiotherapy

Pre-radiotherapy

Post-radiotherapy

http://humanhealth.iaea.org
Teaching points

- PET/CT is possibly appropriate for assessing treatment response to chemoradiotherapy.

- Persistent FDG avidity seems to be related to unfavourable outcome.