Clinical summary

- Female 32 year-old with newly diagnosed Hodgkin’s Lymphoma.
- Outside PET/CT done for staging.
- Submitted for re-reading
PET/CT findings

PET/CT shows focal uptake in the right cervical and right supraclavicular lymph nodes.

Bilateral asymmetrical breast activity and uterine activity also noted.
What is the extent of disease?

A) Right Cervical adenopathy
B) Left Breast
C) Uterus
D) All of the above
E) A and B only
Answer: A) Right cervical adenopathy

- Additional history obtained from referring physician: post partum, breast feeding on left side only.
- This would explain physiologic activity in the uterus and left breast.
Teaching points

• History is always important.

• FDG uptake in the uterus post partum.

• There is high uptake in the lactating breast but no uptake is noted in the breast which is not suckled by the infant.

• There is minimal FDG activity in breast milk.

• Most of the radiation exposure of infant would be due to proximity to the breast tissue.