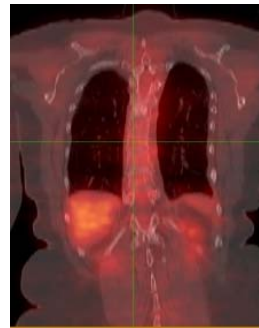
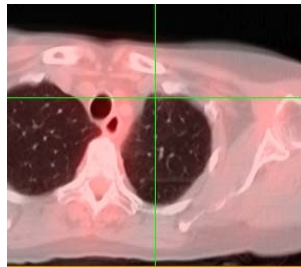


PETIMAGING

INTEGRATED PET/CT SCANNING CASE STUDY N^o 104

Ovarian Recurrence

A 54 year old female is diagnosed with ovarian cancer after which she undergoes a hysterectomy. She relapses seven years later and is treated with radiation therapy followed by chemotherapy. A PET/CT ordered to restage her cancer three months after the completion of chemotherapy reveals no evidence of active disease.



Three months later, she begins to complain of back pain. A new PET/CT identifies the interval development of a soft tissue density of the left pleural surface measuring 2.8 x 1.7 cm with an SUV of 4.5. In addition, numerous bony metastases are discovered. Chemotherapy is initiated.

