

Date: 31.08.2024; 1403/06/10

Patient's Name: F.E

Responsible Physician: Dr. Esfandbod

Patient presentation: A 27-year-old woman with locally advanced cancer of the left breast (IDC, ER: 100, PR: 95, HER-2: negative, Ki67: 10-15%) undergoes work-up metastasis. CT scan of the lung shows a suspicious lesion of metastasis in the sternum and ribs, and MRI shows a suspicious lesion in T8, and the patient is subjected to a PET scan, which suggests the possibility of multiple bone and manubrium metastases. In review the PET scan, metastasis was seen in the ischium, pubis, sternum and ribs. The patient is currently undergoing chemotherapy and radiotherapy of the vertebra.

Question:

What is the next treatment plan?

Recommended plan:

- Local surgery with or without new PET CT scan

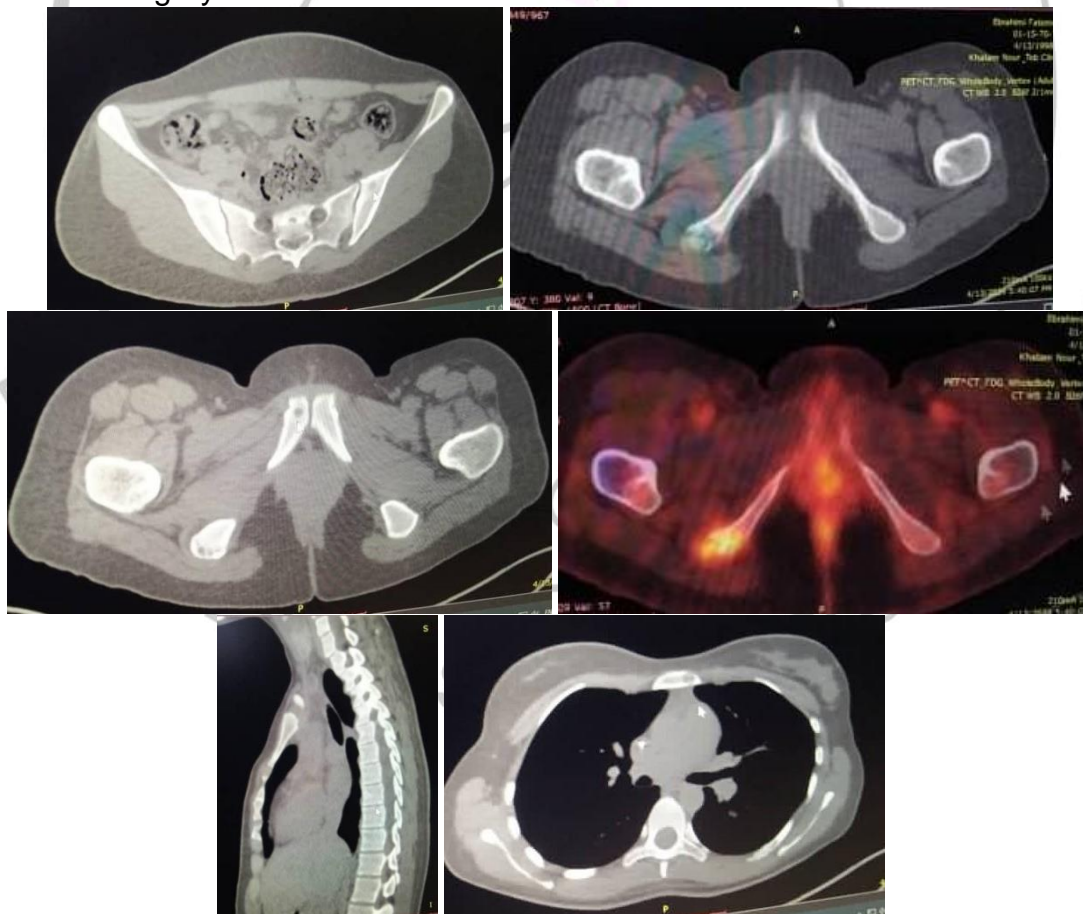


Figure 1, 2, 3, 4, 5 & 6: PET CT scan shows metastatic bone lesions in ischium, pubic, vertebra and manubrium of sternum.

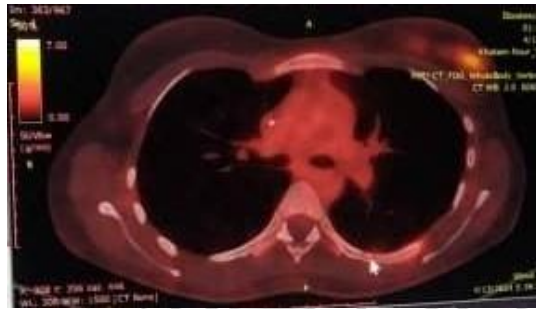


Figure 7: PET CT scan shows hyper metabolic lesion in Left breast

