

Date: 14.09.2024; 1403/06/24

Patient's Name: M.G

Responsible Physician: Dr.Esphandbod

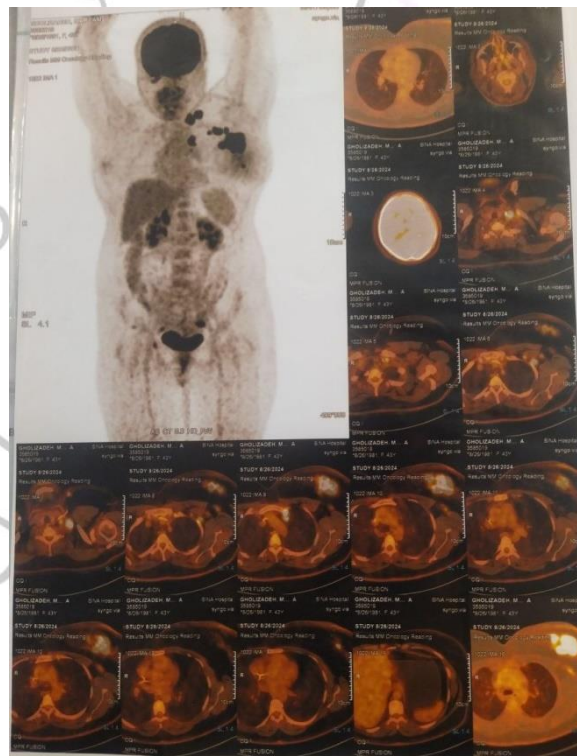
Patient presentation: A 40-year-old woman is undergoing surgery, chemotherapy, and radiation therapy and Tamoxifen treatment for right breast cancer. She is being treated with Diphereline and Aromasin for ovarian cyst three years ago. The patient underwent PET due to left breast cancer with involvement of axillary lymph nodes, and hypermetabolic lesions were reported in the left breast, axillary, internal mammary and left supraclavicular and suspicious mediastinal lymph node.

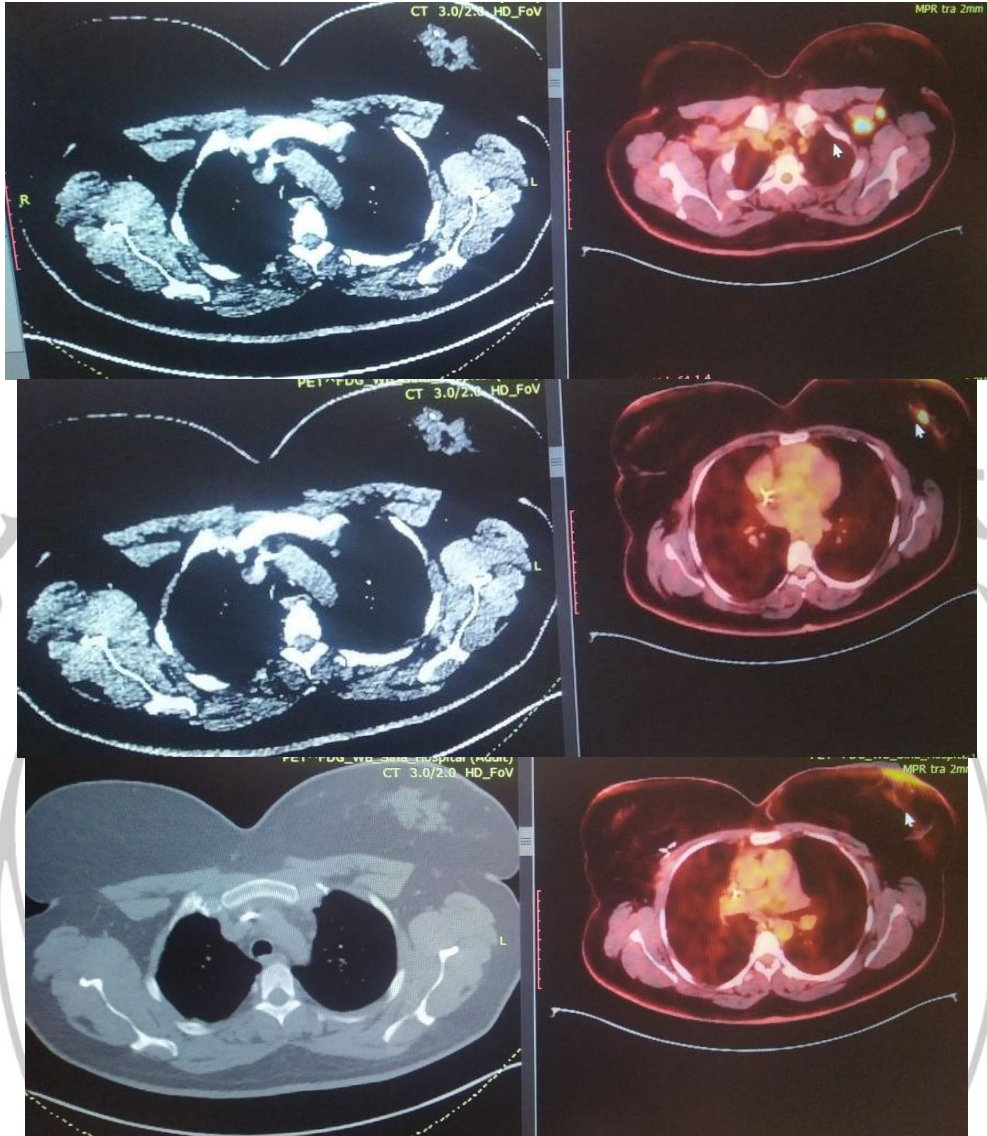
Question:

Is she diagnosed as Locally Advanced BC or Metastatic BC?

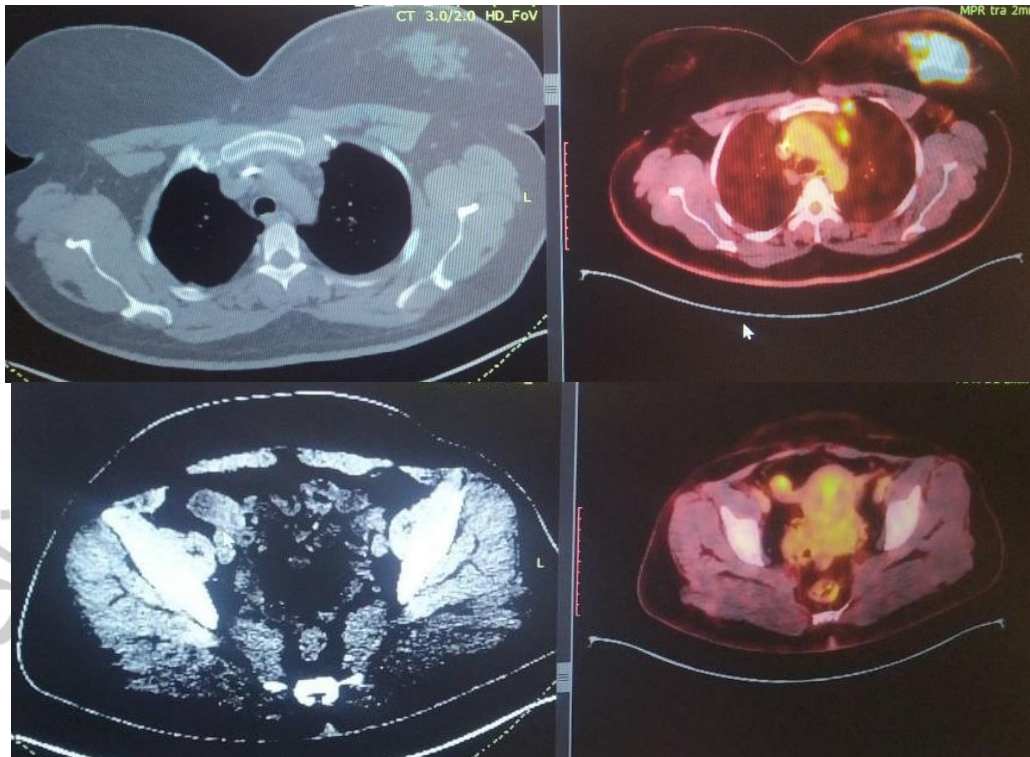
Recommended plan:

- 1- In the re-view of the PET CT scan mediastinal lymph node, it is not suspicious.
- 2- NAC is recommended, followed by mastectomy, BSO and genetic consultation.





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Figures: PET CT scan shows hyper metabolic lesions in in LT breast, axillary LN, LT internal mammary LN, adnexa (correlation with TVS was recommended).

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