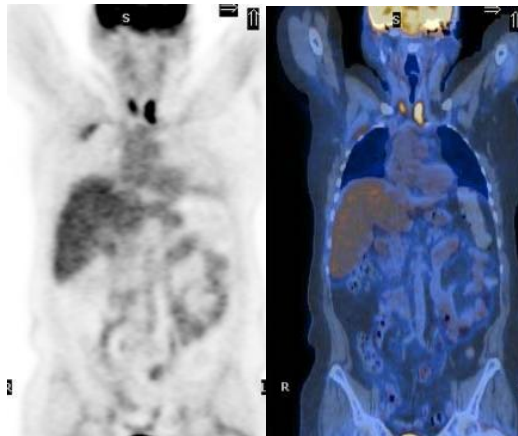


# PETIMAGING

## INTEGRATED PET/CT SCANNING CASE STUDY N<sup>o</sup> 84

### Breast Cancer Non-Responder

A 54 year old female is diagnosed with right breast cancer with metastatic disease to the brain. She is treated with right breast lumpectomy and axillary lymph node dissection followed by cranial irradiation and surgery for the metastatic disease. A PET/CT scan conducted for restaging shows a faint new focus of disease in the right anterolateral chest wall. The patient began treatment with Herceptin.



PET/CT ordered 4 months later reveals that the patient is not responding to therapy. The right chest wall lesion has increased in intensity compared to the previous PET/CT. The Herceptin is discontinued, and other treatment options are explored.

