

# PETIMAGING

## INTEGRATED PET/CT SCANNING

### CASE STUDY N<sup>o</sup> 65

### Cutaneous Lymphoma

A 66 year old female is diagnosed with peripheral cutaneous B-Cell lymphoma. A recurrence three years later is treated with chemotherapy and external beam radiation. At that time CT of the abdomen and pelvis as well as a bone scan are negative for metastatic disease; however the radiation oncologist reports development of a new thyroid mass during follow-up exam and orders a PET/CT to restage the cancer. PET/CT reveals innumerable sites of intense hypermetabolic uptake in the subcutaneous tissues consistent with known history of lymphoma. The largest lesion is identified to the left of the thyroid cartilage measuring 4.6 x 4.0 x 4.8 cm. with an SUV of 13.4. These findings significantly alter the course of management for this patient.

