

**AUSTIN
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Austin Radiological Association

(512) 454-5641

Innovation Excellence Partnership

Patient **HOWARD, BEVERLY**

Exam Date: **09 Apr 2013**

DOB 20 Jan 1943
ARA MR # 002443070
Exam Site: TEXAS ONCOLOGY
Site Phone #: (512) 447-2202
Site Fax #:
Exam Status: Finalized
Accession # 13866125

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PET - TUMOR IMAGING WITH CONCURRENT CT, SKULL BASE TO MID THIGH: 4/9/2013

COMPARISON: 12/11/2013

CLINICAL HISTORY: This is a 70-year-old male who presents for restaging of lymphoma

RADIOPHARMACEUTICAL: 15 mCi F-18 FDG was administered intravenously. The blood glucose level was 109 mg/dl

TECHNIQUE: The F-18 FDG injection was followed by a 60 to 90 minute uptake period. CT was then performed from the skull base through the mid thighs for attenuation correction, followed by positron emission tomography (PET) imaging in the same distribution. PET images were viewed in axial, coronal, and sagittal planes, along with reformatted CT images for anatomic correlation.

FINDINGS:

Neck: The previously characterized right mandibular and submandibular mass has markedly diminished in size and activity with a maximum SUV of 3.0, previously 12.5. It measures 2.2 cm in transaxial plane previously 3.4 cm.

The smaller submandibular nodes seen posterior to the and the contralateral submandibular node have resolved.

Chest: Right paratracheal lymph node measures 10 mm, previously measuring 3.1 cm and now demonstrates a maximum SUV of 2.4, previously 33 Abdomen: Physiologic distribution of activity.

Pelvis: Physiologic distribution of activity.

PET/CT

IMPRESSION:

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Marked positive therapeutic response with residual disease in the right submandibular lesion and right paratracheal lymph node.

The other findings have resolved.

No new lesions are noted.

Simon Trubek, MD

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