

**ANADOLU MEDICAL CENTER**  
**NUCLEAR MEDICINE CLINIC**

Patient Nr. : 535012 Date : 23.11.2016  
Patient Name- Surname : David Barabadze Date of Birth : 01.07.1978 (M)

Exam Date and Description : 23.11.2016 – Tumor FDG PET study

**FDG PET/CT REPORT**

CLINICAL DATA:

Chemotherapy was administered with the diagnosis of Hodgkin's lymphoma. PET/CT was performed for evaluating treatment response.

TECHNICAL PROCEDURE:

Whole body PET and (for attenuation correction and determining location) CT images obtained by PET/CT scanner from vertex to mid-femur 60 minutes after intravenous administration of 8,6 mCi FDG (F-18 labeled fluorodeoxyglucose) component in the fasting state of ten hours with blood glucose level of 125 mg/dl. Contrast water administered to the patient immediately before and 30 min. after the injection for facilitating localization of the bowels. Axial, coronal and sagittal PET images obtained with iterative reconstruction were assessed with CT slices.

FINDINGS:

Pathologically increased FDG uptake is not present in several lymph nodes in the neck left jugulodigastric region, inferior cervical area and anterior mediastinum with the largest one of 11 mm.

Liver has uniform activity distribution (SUV: 3.5). Mild degree of increased activity observed in bone marrow is probably related to the changes secondary to chemotherapy. Activity distribution is physiologic in other body regions.

CONCLUSION:

\*Pathologically increased metabolic activity is not observed in several lymph nodes in the neck left jugulodigastric region, inferior cervical area and anterior mediastinum; there is no focus of increased metabolic activity suggesting the presence of malignant tissue in any parts of the body. Findings suggest favorable metabolic response to the treatment.

Best regards,

Kezban BERBEROĞLU, MD  
Nuclear Medicine

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