



MEMORIAL BAHÇELİEVLER HOSPITAL

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Radiology Report

Report No:[575376].[2].[280445373].[(AN)-280445373].[2020]

Patient Name	VLAD ALEXANDRU CÎRCÎU	Protocol No	5250386
Surname Gender	Male	Date of Scan	16.07.2020 11:37
Date of Birth	04.04.2012	Report Approval	17.07.2020 18:42
LOINC Code	Date		Bahçelievler - Pediatric Hematology
Access Number		Ordering Physician	. ARIA FOROUZ, MD

Clinical Information

Diagnosis	C74.9 Malignant neoplasm of adrenal gland,
Indication	

Method

Name of Scan	Tumor FDG PET	Medium	
Device	Undefined	Administered	
Name/Brand/Model		Amount of Medium	
Dose Info Location		Route of Administration	

PET/CT REPORT

Medical Device: Siemens Biograph mCT 20 Ultra HD

Radiopharmaceutical: F-18 FDG

Imaging Protocol: Whole body imaging Pharmacological

Intervention: -

ICD-10 Code: C74.9

CLINIC INFO: The case with neuroblastoma diagnosis. After chemotherapy and surgery, it was evaluated in comparison with March 2020 dated study.

HEAD - NECK

There is a lesion concordant with residue tumor, extending from left lower cervical level IV level to thorax, there are calcific foci inside. It is mildly hypermetabolic (SUVmax: 3.1) and its trans-axial size is 1.6x0.9. In the previous study, it was 1.8x1.4 (SUVmax: 4.9). Its size and activity have reduced. In the previous study of the case, in this area, dense, brown fat tissue was observed, and metabolic activity of the lesion could not be evaluated optimally. Also, when compared to the mass lesion that was detected in this area in the January 2020 and October 2019 dated tests of the patient, its size and activity have reduced.

Other head and neck areas are normal.

THORAX

The lesion at left lower cervical area shows diffuse linear extension in thorax towards para-aortic area (SUVmax: 4, in the previous test, SUVmax: 11.4). The size and activity of the lesion have reduced. Its internal structure is heterogeneous. Left mediastinal extension was observed up to aorta curve level.

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At left lung lower lobe medial, pleural, mild hypermetabolic residue tumor areas (SUVmax: 2) was observed. It shows uptake at a 1 cm sized area. When compared to the previous test, the size of the tumor at this area has reduced. In the previous test, diffuse, pleural thickening was observed at a 3 cm sized area.

At intercostal area, at right hemithorax posteromedial, mass was not observed (SUVmax: 3.3), but hyper-metabolism was detected.

At mediastinal other areas, at pleural and parenchymal areas, the metastatic lesions that were observed in October 2019 dated test, were not observed in the current study.

No pleural fluid or thickening is observed.

ABDOMEN

The liver, spleen, pancreas exhibit normal size and metabolic activity, no space occupying or hypermetabolic lesion was detected.

The mass that was showing amorph calcifications in the right adrenal gland location was not observed. At this site, post-op materials were observed. It is mild. Inter-metabolism was observed at posteromedial section (SUVmax: 1.8). It does not show a mass outlook, but it could be observed related to reactive inflammatory changes. Residue malignancy could not be disregarded.

At renal hilus level, there are lesions concordant with metastatic lymph nodes with metabolic full response, that are multiple, with lobulated contours. They show peripheral calcifications. They are metabolically inactive. Calcifications are more evident than before. The largest one has 2.2x2.4 cm size. Their size is partially smaller than the previous test. These lesions were observed in the January 2020 and October 2019, and they look like conglomerated hypermetabolic lymph nodes.

The colonic and intestinal segments display normal diameter and wall thickness; their metabolic activities are within physiological limits. No free or loculated fluid is detected in the abdomen.

At para-aortic, aorta-caval area, at infrarenal level, there are mildly hypermetabolic, multiple, millimetric lymph nodes, and their activities have reduced (SUVmax: 1.9) from the previous test (SUVmax: 5.1). It could be evaluated as partial response.

MUSCOSKELETAL SYSTEM

At lumbosacral region, vertebral and paravertebral area, at the mass lesion area that was observed in the previous October 2019 dated test, no metabolic active focus was detected. Non-homogeneity at lumbar 5 and sacrum sacral 1 level, and diffuse sclerosis at lumbar 5 vertebra were observed.

At left thorax wall posterior medial, and as more evident at ribs and 4-5 and 6th costae (SUVmax: 3.3), hyper-metabolism was observed. These were evaluated as residue tissues of tumor foci at these areas that were observed in the October 2019 dated study. Its activity is reduced when compared to the previous test.

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At left lower cervical and mediastinal area, at pleura and ribs at left hemithorax, at para-aortic and aorta-caval areas, metastatic lesions which showed partial response findings when compared to the March 2020 dated study.

Mild hyper-metabolism at operated right adrenal gland site. It could be evaluated as related to post-operative inflammatory reactive changes. Residue malignancy could not be disregarded.

Regards,

imza:

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Medstar Antalya Hastanesi

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