

PET CT Consultation for outside reading

Status: Final result

PACS Images & Report

(Link Unavailable) Show images for PET CT Consultation for outside reading

Study Result

Narrative & Impression

Exam Name

PET/CT Consultation for outside reading.

Clinical Indication

Metastatic lung adenocarcinoma, for evaluation.

Technique

We were asked to review an FDG PET/CT performed on 18 July 2024 at an outside facility with the provided corresponding report that was dictated by Dr. Doumit Daou.

IMPORTANT NOTE: This examination was not performed at our institution. Decisions about the scanning protocols or parameters utilized, which ultimately affect the overall quality of this study, were under the control of the outside facility. Furthermore, additional sequences and clinical information may be present at the original institution but are not in our possession. Consequently, this report is not a substitute for the report issued from the originating institution, which should be reviewed in conjunction with this opinion.

Comparison

None.

Findings

HEAD AND NECK:

There is a peripherally radiotracer-avid slightly hyperdense mass showing photopenic necrotic center in the right parietal lobe measuring 2.9 x 2.4 cm with surrounding vasogenic edema, metastatic. There is mild mass effect on the right lateral ventricle but no midline shift.

There is no significant lymphadenopathy.

The thyroid gland is unremarkable with normal homogenous attenuation on CT scan and no abnormal FDG uptake.

CHEST:

There is intensely radiotracer-avid spiculated mass at the posteromedial aspect of the left lung apex extending to thoracic aorta measuring 2.9 x 1.8 cm with SUVmax 23.3 (image 100), representing the primary malignancy.

There are multiple intensely radiotracer-avid enlarged left supraclavicular, left hilar, prevascular and AP window lymph nodes, metastatic. For example:

- Left supraclavicular lymph node measuring 3.4 x 2.3 cm with SUVmax 18.5 (image 90).

There are non-radiotracer-avid ground-glass opacities in the lung, nonspecific, to be followed up. There is no pleural or pericardial effusion.

ABDOMEN/PELVIS:

There is an intensely radiotracer-avid exophytic soft tissue mass in the upper pole of the right kidney measuring 2.9 x 2 cm with SUVmax 14.1 (image 184), biopsy-proven metastatic.

There is a non-radiotracer-avid hypodense lesion at segment VIII of the liver measuring 0.8 cm (image 150).

The spleen, pancreas, adrenal glands and left kidney are unremarkable on the non-enhanced CT and show normal FDG distribution on PET images. The gallbladder is present and shows no abnormal FDG uptake.

There is no significant FDG-avid lymphadenopathy.

There is diffuse increased radiotracer uptake of the gastric wall, likely inflammatory.

There is physiological uptake in the intestinal and genitourinary tracts.
 There are scattered non-complicated colonic diverticula.

MUSCULOSKELETAL:

There is no suspicious or FDG-avid bone lesion.
 There is homogenous radiotracer distribution in the bone marrow.

Impression

1. Large intensely radiotracer-avid spiculated mass in the left lung apex extending to the mediastinum, representing the primary malignancy.
2. Multiple intensely radiotracer-avid enlarged left supraclavicular, left hilar, prevascular and AP window lymph nodes, metastatic.
3. Radiotracer-avid slightly hyperdense mass showing a photopenic center in the right parietal lobe of the brain with surrounding vasogenic edema, metastatic.
4. Intensely radiotracer-avid exophytic mass arising from the upper pole of the right kidney, biopsy-proven metastasis.

Other findings

Is there a critical or an unexpected finding?

No

 **Result History**

PET CT Consultation for outside reading (Order #90043546) on 16/08/2024 - Order Result History Report - Result Edited

Signed by

Signed	Date/Time	Pager
Alain Sami Abi Ghanem, MD	16/8/2024 16:54	693

Exam Information

Status	Exam	Exam
Final [99]	Begun	Ended

 **External Results Report**

There is an external results report available.

 **Encounter**

[View Encounter](#)

Audit Trail

Order 90043546

Signed

by Alain Sami Abi Ghanem, MD on 16/08/2024 at 04:54 PM

Marked as Preliminary

by Interface, Ris Results In on 16/08/2024 at 04:12 PM

Updated Image Availability

by Interface, Ris Results In on 14/08/2024 at 10:53 PM

Status Changed

by Mohammad Nasreddine on 14/08/2024 at 03:27 PM

Synchronized Protocol

by SYSTEMGENERATED, DOCUMENTATION on 14/08/2024 at 03:27 PM

Order Released

by Mohammad Nasreddine on 14/08/2024 at 03:27 PM

Appointment Scheduled

by Mohammad Nasreddine on 14/08/2024 at 03:27 PM