

TATA MEMORIAL HOSPITAL

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Case No. : CU/04873**Patient Name :** AMOL
NANDKUMAR
BHINGARDE**Regn. Date :** 15-02-2021**Sex/Age/Catg :** Male /44
yrs/ Pvt-B**Status :** Outpatient**Pri. Dr./Unit :** DMG -
THORACIC**Final Report for requisition no. WAAPT21017169****Reqn. Date :** 27-
10-2021**Report Date :** 31-
12-2021**Report By :**
AMEYA
PURANIK**Service Desc.** PET CT Scan Whole Body (IV Contrast)**Report :-**

18F-FDG PET/CECT done on 30/12/21

Indication: A case of carcinoma left lung, underwent chemo and radiotherapy (LD 17/7/21). Baseline PET/CT 06.02.21 suggested soft tissue lesion in left lung lower lobe, metastatic mediastinal and right supraclavicular nodes, metastatic marrow lesion in right iliac bone. Developed 4L nodal progression

Findings:

Post radiotherapy changes noted in lower lobe of left lung.

Discrete soft tissue nodules adjacent to radiotherapy consolidative changes measuring 9 mm in size.

FDG avid mediastinal nodes noted :-

AP window measuring 2.6 x 1.8 cm SUVmax (previously measuring 2.5 x 2.2 cm)

Bilateral upper paratracheal nodes largest measuring 1.9 x 1.5 cm SUVmax 11.12.

Left supraclavicular node measuring 1.9 x 1.6 cm SUVmax 12.12.

Left cervical level III measuring 1.2 x 1 cm SUVmax 10.59.

FDG avid lytic lesion noted in left iliac bone SUVmax 13.44.

The liver appears unremarkable.

Bilateral adrenals unremarkable.

No suspicious nodules noted in the bilateral lung fields.

Rest of the scan shows physiological tracer uptake.

**Report :-**

CT SCAN OF THORAX AND ABDOMEN DATED 18.09.2021: Contrast enhanced CT scan of the thorax and abdomen has been performed on a MDCT scanner from root of neck till ischial tuberosities. CLINICAL INFORMATION: This is a case of Ca lung on chemotherapy. Compared with prior PETCT dated 21.06.2021. FINDINGS: URGENT FINDINGS: Pulmonary embolus: Absent. Pneumothorax: Absent TUMOR BURDEN: Patchy densities are seen involving left lower lobe and this appears to be post RT pneumonitis. REGIONAL METASTASES: New enlarged necrotic node is seen in 4L station measuring 2.4 x 2.1 cm in size. DISTANT METASTASES: Pulmonary: Absent Lymphangitic spread: Absent Pleural Deposits/thickening: Absent Hepatic: Absent. Calcified granulomas are seen in segments VII and IVB. Adrenal: Absent Skeletal: Absent in the visualized abdomen. Pelvic cuts not included. EFFUSION: Pleural: Absent Pericardial: Absent

Impression :-

CT reveals -Patchy densities are seen involving left lower lobe and this appears to be post RT pneumonitis. -New enlarged necrotic node is seen in 4L station. Overall findings are suggestive of progression of the neoplastic disease process in view of new metastatic necrotic node at 4L station.

**Impression :-**

As compared to previous scan dated 18/9/21

Metastatic parenchymal discrete nodular lesion in lower lobe of left lung.

New onset metastatic mediastinal and supraclavicular nodes and left iliac bone lesion.

As compared to previous CT scan dated 18/9/21

No significant interval change noted in mediastinal AP window nodes.

New onset metastatic mediastinal upper paratracheal, left supraclavicular and cervical nodes.

New onset skeletal lytic lesion in left iliac bone.

Overall findings suggestive of progressive disease.

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