



RAJIV GANDHI CANCER INSTITUTE AND RESEARCH CENTRE

IMAGING SCIENCES:
X-RAY/US/CT/PET/MRI/NM

Sector 5, Rohini, Delhi- 110085
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NUCLEAR MEDICINE

OrderNo	: DIRRGCI2292143	Order Date	: 05-Feb-2016 2:31 PM
CR. No.	: 196870	Age/Sex	: 037Y/F
Name	: SUNI JOSHI SHRESTHA	Study Date	: 5-Feb-2016 2:35 PM
Referred By		Status	: O

WHOLE BODY PET CT WITHOUT DIAG. CT

PT Report

Purpose of Scan:

Ca lung. For staging.

Ref.: PET/586/16

POSITRON EMISSION TOMOGRAPHY AND NON DIAGNOSTIC CT:

296-370 MBq 18F-FDG was administered I.V. & Images were taken after 1hr. from skull base to mid thigh. CT scan was done for attenuation correction & localization. Images of the brain were also acquired.

Finding:

Left lung lower lobe basal segment shows metabolically active ill-defined soft tissue mass (SUV max 7.6) associated with peripheral consolidation and minimal effusion. Left lung lower lobe also shows ground glass opacities.

Right lung is unremarkable.

Trachea and main stem bronchi appear unremarkable.

Metabolically active subcm and enlarged lymphnodes are seen in the right paratracheal, left lower paratracheal, left internal mammary, subcarinal, left hilar (2.5 x 1.8cm, SUV max 6.6), and left paraesophageal (1.3 x 1.1cm, SUV max 4.1) regions.

Mild diffuse tracer uptake is seen in the uterine cavity and bilateral adnexal regions, appear physiological in nature.

Brain parenchyma shows physiological tracer distribution. No metabolically active focal abnormal areas were noted.

No metabolically active lesions were seen in nasopharynx, oral cavity, oropharynx, larynx and hypopharynx.

Major salivary glands appear unremarkable. No metabolically active lesion was seen in the thyroid.

No significant metabolically active cervical lymphadenopathy was seen.

Liver shows physiological tracer distribution. No significant metabolically active lesions were seen in both lobes of liver.

Gall bladder is visualised. No significant metabolically active abnormalities were seen in the gall bladder.

Spleen shows physiological tracer distribution. No metabolically active lesions were noted.

No metabolically active abnormality was seen in the pancreas.

Bilateral adrenals and kidneys are unremarkable and show physiological tracer distribution.

Stomach is not well distended. No metabolically active abnormality was seen in stomach bed.

Small and large bowel shows physiological tracer distribution.

Entered By :

Printed By : Dr. Manoj



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No metabolically active abnormalities were seen in the mesentery.

Rectum shows physiological tracer distribution.

No significant metabolically active pelvic lymphadenopathy was noted.

Both axial and appendicular skeletal system show physiological tracer distribution.

Urinary bladder is not well distended and shows physiological tracer distribution.

Rest of the body shows normal physiological tracer uptake.

IMPRESSION:

1. Metabolically active left lung lower lobe lesion with lymphnodal involvements as described.
2. No other metabolically active disease elsewhere in the body.

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Approved by : Dr. Manoj 8-Feb-2016 1:45PM
Validated by : Dr. Manoj 8-Feb-2016 1:45PM

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05 FEB. 2016