

PET - CT REPORT

Name: Bimal Krushna Panigrahy

Sex: Male Age: 43 Years

Referring Physician: Dr. G. S. Biswas.

UH No: 2018000679

Date: 04.08.2018

Clinical History and Indication: Case of treated carcinoma stomach for restaging.

PROCEDURES/ACQUISITION PROTOCOL

Scanner: GE Optima 560 PET-CT

Radioisotope: 18 F FDG (7 mci)/60 minutes uptake period

Study Mode: PET-3D mode, Ultra HD & CT: 140 Kv in auto mA Mode, motion free acquisition.

Extent of Study: Vertex of the Skull to mid thighs

Special acquisition: HRCT Chest

Contrast: Oral and Intra venous contrast was given.

Semiquantitative analysis of FDG activity: Calculated as SUV BW g/ml.

Blood glucose level: 91 mg/dl.

Serum Creatinine: 0.8 mg/dl.

FINDINGS

- *Biodistribution of the FDG appears to be within normal limits.*
- *Brain parenchyma appears normal. No abnormal increased / reduced tracer activity, abnormal contrast enhancement or space occupying/mass lesion seen in the brain parenchyma.*
- *No evidence of abnormal hypermetabolic cervical or supraclavicular lymph nodes.*
- *No evidence of any focal abnormal FDG uptake or lesion in oropharynx/nasopharynx/hypopharynx.*
- *Thyroid gland appears unremarkable.*

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- *No focal abnormal FDG uptake or soft tissue density nodules seen in the bilateral lungs. No evidence of pleural effusion is seen. No abnormal hypermetabolic mediastinal or axillary lymph nodes are seen.*
- *Post surgical changes of gastrectomy and EJ anastomosis are seen. No evidence of abnormal metabolic activity ate the anastomotic site. No evidence of abnormal hypermetabolic perigastric or peripancreatic lymph nodes or any omental or peritoneal deposit.*
- *GE junction and esophagus appear unremarkable.*
- *Liver appears enlarged in size (20 cm). There is no evidence of focal abnormal FDG uptake or hypodense lesions. Gall bladder and biliary tree appears normal. No evidence of IHBR or portal vein dilatation seen. The pancreas appears normal. Bilateral adrenal glands appear unremarkable with no focal abnormal FDG uptake. Spleen appears unremarkable with no abnormal FDG uptake. No free fluid is seen in the abdomen and pelvis.*
- *No evidence of abnormal hypermetabolic abdominal / pelvic / retroperitoneal / inguinal lymph nodes seen.*
- *Bilateral kidneys appear normal in shape and location with no evidence of focal abnormal FDG uptake is seen. No evidence of hydronephrosis or calculi found. Urinary bladder appears to be normal.*
- *Prostate appears normal in size with no focal abnormal FDG uptake or hypodense lesion. Physiological tracer uptake is seen in the bilateral testicles.*
- *No significant abnormal tracer activity or lytic/sclerotic lesion seen in the entire visualized axial and bilateral appendicular skeleton.*

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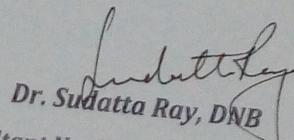
- No abnormal tracer activity or significant structural abnormality seen in the rest of the scanned segments of the body.

Impression:

In context of clinical history of treated carcinoma stomach, present scan findings show no abnormal metabolic activity or irregular wall thickening at the esophago-jejunal anastomotic site. No evidence of local recurrence.

No evidence of hypermetabolic perigastric or abdominal lymph nodes.

No evidence of abnormal hypermetabolic distant metastases.



Dr. Sudatta Ray, DNB

Consultant Nuclear Medicine & PET CT