


PET-CT Skull Base to Mid-Thigh

Important Information About Your Test Results ▼

 Not yet reviewed by care team.

Results New

Study Result

Narrative & Impression

EXAM:

PET-CT SKULL BASE TO MID-THIGH

CLINICAL HISTORY:

Flushing, diarrhea, elevated Urine 5HIAA and elevated serum serotonin. History of appendiceal mucinous neoplasm s/p appendectomy in 2016.

TECHNIQUE:

PET/CT skull base to thigh - initial treatment strategy

Ga 68 DOTATATE dose: 5.23 millicuries

Injection site: RAC

Time of injection: 14:49

Time of emission scan: 15:48

Oral Contrast: diatrizoate meglumine-sodium (GASTROGRAFIN) 66-10 % solution 15 mL

The CT Protocol used for this PET/CT study is designed for attenuation correction and anatomic localization of PET abnormalities.

The standard uptake values (SUV) reported below are maximum values within a region of interest, expressed in gm/mL.

COMPARISON:

None.

CORRELATION:

CTAP 5/18/2016

FINDINGS:

Mean liver SUV: 10.4

HEAD/FACE: Physiologic DOTATATE avidity in the visualized choroid plexus of the brain and pituitary gland.

NECK: Physiologic DOTATATE avidity in the thyroid and salivary glands.

CERVICAL NODES: No abnormal DOTATATE avidity. Small bilateral cervical nodes, non avid, nonspecific.

HEART AND GREAT VESSELS: No abnormal DOTATATE avidity.

LUNGS: No abnormal DOTATATE avidity.

PLEURA/PERICARDIUM: No abnormal DOTATATE avidity.

THORACIC NODES: Low level DOTATATE avid ill-defined anterior mediastinal soft tissue measuring up to 0.7 cm in thickness, SUV 3.5 (image 84), possibly reflecting thymic hyperplasia.

Small bilateral axillary nodes with fatty hilum and low level DOTATATE avidity,

nonspecific, probably reactive.

HEPATOBIILIARY: Multiple bilobar DOTATATE avid hepatic ill-defined hypodense lesions, suspicious for metastases, for example:

- segment 2, 1.9 x 1.6 cm, SUV 48.7, image 152
- segment 6, 1.6 x 1.4 cm, SUV 28.0, image 178
- segment 6, 1.8 x 1.2 cm, SUV 22.6, image 167
- segment 7, 1.9 x 1.2 cm, SUV 24.4, image 133

SPLEEN: Physiologic DOTATATE avidity.

PANCREAS: Physiologic DOTATATE avidity.

ADRENAL GLANDS: Physiologic DOTATATE avidity.

KIDNEYS/URETERS/BLADDER: Excreted physiologic DOTATATE avidity is present.

ABDOMINOPELVIC NODES: No abnormal DOTATATE avidity.

BOWEL/PERITONEUM/MESENTERY: Prior appendectomy with focal DOTATATE avidity adjacent to the surgical suture, SUV 11.2, image 206.

DOTATATE avid right lower quadrant mesenteric lobulated mass, 3.9 x 3.4 x 2.6 cm, SUV 79.0, image 201.

PELVIC ORGANS: No abnormal DOTATATE avidity.

BONES/SOFT TISSUES: No abnormal DOTATATE avidity.

OTHER FINDINGS: None.

IMPRESSION:

1. DOTATATE avid right lower quadrant mesenteric mass and multiple bilobar hepatic ill-defined hypodense masses, suspicious for metastatic neuroendocrine neoplasm.
2. Prior appendectomy with focal DOTATATE avidity adjacent to the surgical suture, possibly reflecting site of primary disease.

The following terms are used to convey the radiologist's level of certainty for a given interpretation.

Consistent with > 90%

Suspicious for/Probable/Probably approx 75%

Possible/Possibly approx 50%

Less likely approx 25%

Unlikely < 10%

Electronically Signed By: Silvina Dutruel on June 20, 2025 06:58 PM

Scans on Order 912211845

Scan on 6/18/2025 2:10 PM by Chen, ZiYing: self pay form

Scan on 6/18/2025 3:15 PM by Chase, Sylvester: tech rad

Result History

PET-CT Skull Base to Mid-Thigh (Order #912211845) on 6/20/2025 - Order Result History Report

Images

Show images for PET-CT Skull Base to Mid-Thigh