



PET/CT Tumor Skull Mid-Thigh Initial

Patient: KUMAR,
BALWINDER KAUR **DOB:** 

Radiology Report

EXAM: F-18-FDG PET-CT

EXAM DATE: 5/5/2023 7:03 AM PDT

INDICATION: "Malignant neoplasm of gallbladder";

COMPARISON: PET/CT 3/27/2023 and 1/24/2023.

TECHNIQUE: PET-CT scan was performed from the vertex of the skull to the mid thighs following intravenous administration of 18-F-deoxyglucose. Fingerstick glucose was measured prior to the exam. No complications were encountered during the uptake phase or scanning. No IV or oral contrast was administered. The CT scan data were used for attenuation correction of the PET images.

RADIOPHARMACEUTICAL: 10.27 mCi injected in the left forearm region

FINGERSTICK GLUCOSE: 113 mg/dl

UPTAKE TIME: 60 minutes

LIMITATIONS: None

ONCOLOGIC FINDINGS:

Reference mediastinal SUV: 2.7 g/ml. Prior: 2.5 g/ml.

FINDINGS:

Head and neck: Unchanged nonspecific moderate supratentorial white matter disease. No intracranial mass, midline shift, or hydrocephalus. Paranasal sinuses are clear. Unchanged subcentimeter normal uptake lateral to the right thyroid lobe SUV max 4.2, previously 4.1.

Thorax: Unchanged right upper lobe nodular opacities, for example a 1.1 x 0.7 cm posterior right upper lobe nodule (3/112) SUV max 0.9. Unchanged 0.9 cm short axis right paratracheal node with moderate metabolic activity SUV max 6.1, previously 6.4.

Unchanged small nonhypermetabolic pulmonary nodules, for example measuring 0.3 cm in the posterior left upper lobe (3/29). Unchanged bilateral heterogeneous groundglass opacification. Unchanged medial right lower lung scarring. Nonenlarged partially calcified mediastinal nodes.

No cardiomegaly, thyroid lesions, or esophageal obstruction. Right upper chest portacatheter with its tip in the SVC.

Abdomen and pelvis: Cholecystectomy, partial hepatic resection and right hemicolectomy. Decreased size of 3.8 x 2.4 cm hypermetabolic mass in the gallbladder fossa SUV max 15.9, previously 6.6 x 3.9 cm SUV max 17.4.

No free air or free fluid, colitis, constipation, bowel or colon obstruction, adrenal nodules, AAA, splenomegaly, or urinary tract obstruction.

Musculoskeletal / soft tissues: Bone marrow uptake is normal. No focal bone lesions on PET or CT.

IMPRESSION:

1. Cholecystectomy, partial liver resection and right hemicolectomy. Decreased size of a surgical bed 3.8 cm hypermetabolic mass, previously 6.6 cm.
2. No new hypermetabolic disease
3. Unchanged nonhypermetabolic pulmonary nodules and cervicothoracic lymph nodes.