



Name: Ayesha Kiani | DOB: 6/25/1985 | MRN: 68741392 | PCP: Chantel Strachan, MD | Legal Name: Ayesha Kiani

# PET-CT Skull Base to Mid-Thigh

Important Information About Your Test Results 

 Not yet reviewed by care team.

## Results

### Study Result

**Narrative & Impression**

EXAMINATION:  
PET CT SKULL BASE TO MID THIGH

CLINICAL INFORMATION:  
Tumor or Primary Diagnosis: Carcinomatosis, unknown primary.  
Indication: For initial staging for known malignancy; evaluation for initial treatment planning.  
Additional Clinical Information: Status post colectomy demonstrating multiple tubular adenomas.

TECHNIQUE:  
Blood glucose pre-injection measured 78 mg/dL. Approximately 50 minutes after intravenous administration of 10 millicuries of F18-FDG into the right antecubital vein, a CT attenuation-corrected PET scan from the canthomeatal line to the mid-thigh was acquired. Multiplanar PET-CT fusion images were constructed. SUV will be reported as maximum value.

COMPARISON:  
CT chest 11/05/2025  
CT abdomen pelvis 10/28/2025  
CT abdomen pelvis 01/31/2024

FINDINGS:  
HEAD and NECK:  
Lymph nodes:  
Few scattered subcentimeter FDG-avid bilateral cervical nodes.

CHEST:  
Lungs:  
Large portions of the lower lobes and right middle lobe are atelectatic adjacent to the pleural effusions.  
The upper lobes are relatively well-aerated. There is also atelectasis in the lingula.  
Pleura:  
Multiple FDG-avid pleural and pericardial deposits bilaterally SUVs ranging between 6 and 7.  
Persistent large layering bilateral pleural effusions.  
Airway: The trachea and bronchi are patent.  
Mediastinum, hila and lymph nodes:  
Many small FDG-avid bilateral axillary, supraclavicular, and mediastinal lymph nodes.  
Largest right axillary 1.8 x 1.1 cm SUV max 9.5.

Various mediastinal nodes are subcentimeter SUVs around 6.  
Heart, vascular structures and pericardium: The heart, major vessels and pericardium are normal.

**ABDOMEN/PELVIS:****Lymph nodes:**

There are innumerable FDG-avid upper abdominal, retroperitoneal, and bilateral iliac chain lymph nodes. These nodes measure up to 2 x 1.5 cm maximally in the pelvis. Upper abdominal nodes are smaller. SUVs of the lymph nodes measure between 8 and 10.

**Soft tissue/organs:**

Extensive carcinomatosis is present, with moderate volume ascites. The largest tumor conglomerate measures 8 cm in the right lower quadrant SUV max 15. There are innumerable implants. There is extensive omental caking.

A left adnexal cystic lesion is difficult to distinguish from background ascites (3:137) but was larger on the scan from 01/31/2024. It demonstrates FDG-avid elements at its periphery, difficult to distinguish from implants.

FDG-avid areas localized to both the endometrium SUV max 6.2 (4:146) and the uterine cervix SUV max 11 (4:152). An intrauterine device is present.

No hydronephrosis.

Status post colectomy. The rectum is still present.

**MUSCULOSKELETAL:**

3.0 x 2.5 cm low-density FDG-avid soft tissue lesion in the proximal aspect of the left arm SUV max 4.2 (4:23).

Various small FDG-avid soft tissue lesions are present within the musculature surrounding the chest wall.

**IMPRESSION:**

Extensive carcinomatosis with moderate volume ascites, bilateral pleural metastatic disease with persistent large layering bilateral pleural effusions, soft tissue metastases, and extensive cervical, thoracic, and abdominopelvic nodal metastases.

Suspect a gynecologic primary, either left adnexal, endometrial, or cervical.

Electronically Signed By: Mark Francescone on November 12, 2025 10:12 AM

I, Mark Francescone, have personally reviewed this report and concur with its findings and conclusions, as affirmed by my electronic signature.

**Scans on Order 983434344**

Scan on 11/11/2025 5:20 PM by Raphael, Lunes: PET CT HX

**Result History**

PET-CT Skull Base to Mid-Thigh (Order #983434344) on 11/12/2025 - Order Result History Report

**Images**

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



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