

## PET/CT Services:

- PET/CT (Non-Diagnostic CT)
- PET/CT with Diagnostic CT
- PET/CT for RT Planning
- PET Brain
- Myocardial Viability

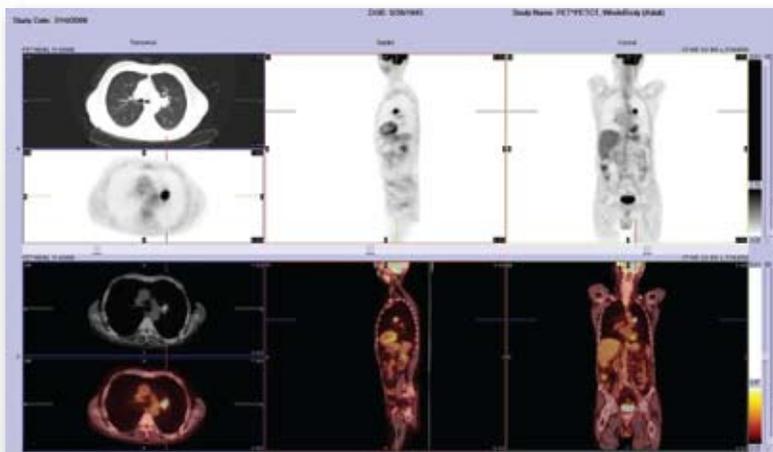


- Identify diseases or tumors previously undetected by conventional scans.
- Indicate primary diagnosis and initial staging or surveillance of disease.
- Confirm the presence of tumors or detect recurrence of cancer with pinpoint accuracy.
- Enhance the diagnosis of disease, revealing more effective therapy options.
- Monitor response to therapy.
- Reduce need for some additional surgeries.

A Tower PET/CT is a powerful tool that can aid you in diagnosing, staging or restaging many types of diseases and neurological problems such as:

***Lung Cancer***  
***Breast Cancer***  
***Colon Cancer***  
***Skin Cancer***

***Esophageal Lymphoma***  
***Epilepsy***  
***Alzheimer's Disease***  
***Brain Tumors***



### ***How does PET/CT work?***

PET/CT works by revealing changes in your body's chemistry. In cancer, these changes can occur before a mass or tumor starts to organize and form. Before the exam, patients are given a small amount of radioactive glucose. Approximately an hour later, when the scan begins, the PET/CT exam will reveal where the glucose has been metabolized, indicating the function and malignant potential of cancer cells, or lesions. In most cases, the PET/CT exam can identify cancer cells before they become a tumor. In a single PET/CT scan, your physician may be able to determine:

- If a mass is malignant or benign
- If treatment is effective or needs modifying
- If there are more tumors unseen by conventional imaging

### ***Will an interpretation be provided in a routine PET/CT?***

No. The CT portion of the PET/CT exam is utilized for attenuation correction and anatomical reference.

### ***Is CT contrast administered in a routine PET/CT?***

No.

### ***Can a patient receive sedation?***

Yes. If the patient is anxious or claustrophobic, we can administer sedation. The patient must bring a driver if sedation is given.

### ***Can a diagnostic CT be performed during a PET/CT exam?***

Yes. Please indicate anatomical area for diagnostic CT exam.

### ***Do diagnostic CT's require additional authorization?***

Yes. Please provide authorization for diagnostic CT's ordered.

### ***Does Tower provide PET/CT imaging service for clinical research?***

Yes. If you have a clinical research study that requires a PET/CT or any other radiology exams, please contact your marketing representative for more information.