

# PET CT Scanning

Evangelical Community Hospital has one of the only regional in-house PET/CT scanners from Harrisburg to upstate New York, offering efficient scheduling and convenience to both patients and physicians.

Positron emission tomography (PET) and computerized tomography (CT) are standard imaging tools that allow clinicians to pinpoint the location of cancer within the body before making treatment recommendations.



## How it Works

A PET/CT is a highly sensitive scan that can detect disease and monitor the progress of cancer therapy. In addition, cardiac imaging can be performed on patients to determine myocardial viability following a heart attack or other cardiac ailment. The scan uses a small injection of FDG (sugar water with a radioactive tracer) to produce an image. PET/CT offers the benefit of diagnostic confidence for patients who have or may have had cancer, reduced need for invasive procedures like biopsy or surgery, and monitoring of treatment progress.

## PET/CT Benefits

- Gives physicians important early information about cardiac and neurological diseases
- Earlier diagnosis
- Monitoring effects of therapy
- Elimination of invasive procedures
- Replacement of multiple tests
- Pre-surgical assessment
- Identification of distant tumors
- Can tell the difference between scar tissue and tumor recurrence

For more information about the in-house PET/CT scanner or to make a referral, please call 570-522-2539.