

PET/CT Scan – Oncology Scan

To Schedule: (319) 861-7778

Questions about your procedure: (319) 398-6050



701 10th Street SE
Cedar Rapids, IA 52403-1292
319 398-6011

What is a PET/CT Scan?

Positron Emission Tomography with Computed Tomography (PET/CT) scanning is a non-invasive, painless medical test that helps detect cancer and greatly aids in treatment decisions. PET/CT produces pictures of metabolism (cell activity), which cannot be obtained with CT, Magnetic Resonance Imaging (MRI) or conventional X-ray. While PET uses radioactive isotopes, its technology differs from that of Nuclear Medicine imaging. A PET/CT can find abnormalities such as tumors that might go undetected by other imaging methods now available locally. This information helps the provider determine which treatment would be most appropriate.

Preparation:

No food or fluids except for water for 6 hours prior to appointment. Tube feedings can be done up to 6 hours prior to the scheduled exam. Avoid all caffeine for 12 hours prior to your scheduled appointment. No insulin or oral diabetic medication for 4 hours prior to appointment. Consult your provider before stopping any medications. Fasting glucose level must be below 200mg/dl.

If you choose to eat breakfast the morning of the exam you must finish eating 6 hours prior to the exam. Breakfast is not necessary prior to the appointment. No strenuous or repetitive activity for 24 hours prior to the exam (i.e., Occupational or Physical Therapy, gum chewing). Drink at least two (2) 8 oz. glasses of water prior to your scheduled exam. All medications (except meds for Diabetes) may be given with water on their usual schedule. Consult your provider before stopping any medications.

You should wear loose comfortable clothes. Avoid wearing clothing with metal zippers, snaps, jewelry, and underwire bras.

COVID Vaccination/Lung Infection

If you have a lung infection that you will not be fully recovered from by the time of your exam or have had a COVID vaccination within the last 6 weeks prior to your test, please contact the physician that ordered the test to ensure they would like to proceed with your PET scan.

Procedure:

A Nuclear Medicine Technologist will test your blood glucose level prior to starting your exam. The Technologist will inject a small amount of radioactive material into your veins. You will be asked to remain in a recliner chair, refraining from repetitive

movement or conversation for 90 minutes. You will be placed on your back on the scanner where images will be taken for 15-25 minutes.

PLEASE BRING THE FOLLOWING TO YOUR APPOINTMENT:

A PHOTO ID TO VERIFY YOUR IDENTITY

A LIST OF CURRENT MEDICATIONS YOU ARE TAKING

Parking:

Address: 701 10th Street SE, Cedar Rapids, IA 52403

Park in the Hall Perrine Cancer Center lot which is located on the north side of Mercy hospital. Enter through the Hall Perrine Cancer Center main doors and follow the signs to "**Hall Radiation Center**". The Hall Radiation Center entry is located on the left side of the "**Reception**" desk. For your convenience, Valet Parking services are available from 8:00am to 4:30pm Monday through Friday.

Procedure Results:

A radiologist will review the images shortly after the exam is completed. A written report will be sent to the provider who ordered your exam. Your provider will discuss the results with you. Results will typically be available for your provider within two business days of the exam. Results will also be sent to your MyChart account.