



Banner – University Medical Center South Introduces Cutting-edge PET/CT Scanner for Disease Diagnosis and Monitoring

Banner – University Medical Center South is proud to announce the availability of PET/CT scans using the state-of-the-art new scanner, which offers unparalleled accuracy, convenience and dependability.

Why PET/CT?

- Positron emission tomography (PET) scans are often used in the diagnosis and treatment of cancer. Radiopharmaceutical tracers injected as part of the PET/CT procedure are used to detect cellular changes in tissues before they are visible using other modalities such as magnetic resonance imaging (MRI) or computed tomography (CT).
- PET/CT images are beneficial because they combine two imaging techniques to provide more accurate diagnoses.
- The new all-digital PET/CT scanner uses a new digital detector to improve both image quality and sensitivity. It is the latest diagnostic imaging technology available for precise, non-invasive scanning of the body and brain.
- The scanner's large field of view results in shorter exam time while providing supreme sensitivity to evaluate diseases.

Nuclear Medicine and Theranostics Clinic at Banner - University Medical Center South

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Tucson, AZ 85713

More Information:

520.694.7410



Key Benefits

- High-resolution digital detector offers the highest sensitivity per centimeter
- Quick and accurate diagnosis or monitoring of most cancers using fluorodeoxyglucose (FDG).
- Unique tracers can evaluate specific diseases:
 - Prostate cancer with PSMA and Fluciclovine
 - Breast cancer with FES
 - Neuroendocrine cancer with DOTA-TATE
 - Alzheimer's disease with Amyloid scan
- Non-invasive precision imaging aids in personalized treatment planning.
- Improved operational efficiency and patient comfort provided in a state-of-the-art scanning system.

Appointments Now Available in Tucson

To provide the latest technology to patients in southern Arizona faster, Banner acquired a state-of-the-art new PET/CT scanner and installed it in a new mobile unit at Banner – University Medical Center South, allowing for immediate patient access. It is the only imaging center in Tucson that provides this cutting-edge technology and service.

Why Choose Us?

- Renowned Referral Center
 - Providers have come to expect the best clinical information and patient care from Banner – University Medicine. We continue to work hard to stay on top of the advancements in the field, making the best diagnostic imaging available to our patients.
 - Expert Team: Our multidisciplinary care team consists of board-certified physicians specializing in nuclear medicine and theranostics, hematology oncology, endocrinology, interventional radiology, radiation oncology, surgery; certified nuclear medicine technologists, nurses, nurse practitioners; a radiation safety team; and medical physicists.
 - Our nuclear medicine and theranostics center is officially designated as an SNMMI Comprehensive Radiopharmaceutical Therapy Center of Excellence. The Theranostic Center at Banner – University Medical Center Tucson is the first facility in Arizona to receive this prestigious designation.
 - Our mission is "Excellence in Patient Care and Precision Medicine."



To schedule an appointment call **520.694.7410**