

CT Scan & MRI Imaging Services

OVERALL BENEFITS

Peninsula Regional Medical Center's MRI and CT departments are designed to provide outstanding care to patients while focusing on convenience and patient needs. Our two locations, one on Peninsula Regional's main campus and another at our Riverside Drive office in Salisbury, provide a variety of services to meet the needs of our patients. All radiology images are available on PACS (filmless department) and are provided to referring physicians on CD by request. We also offer Valet Parking at our main campus Outpatient Center.

Peninsula Regional has created a Centralized Scheduling Office (CSO) to simplify the scheduling process. Physician offices and patients may coordinate several appointments at one time, avoiding numerous trips to the Medical Center and several calls to individual departments. Our Riverside Drive location offers the newest technology with the "feel of a small outpatient center." All appointments may be scheduled by calling 410-543-7700.

CAT SCAN

Creating Better Visualization For Optimum Results

All of our General Electric CT scanners, three at the main campus and another at the Riverside Drive location, utilize slip-ring technology and spiral imaging to facilitate faster scanning while maintaining high resolution. This also reduces off-focal radiation, minimizing the overall dose to our patients. These scanners are all capable of 3D imaging for surgical and radiation planning and spinal reconstruction, useful when diagnosing spinal injuries. Automatic injectors allow for contrast injection at rates up to 4ml/second increasing the concentration of contrast in tissues and vessels creating better visualization.

Three scanners at the Medical Center allow us to meet the needs of emergency patients, inpatients, outpatients and stat add-ons 24 hours a day, 7 days a week. Biopsies, used to further assist in the diagnosis of unknown masses, are performed routinely. The newest of these scanners, the Lightspeed 16, produces outstanding resolution enabling us to visualize very small anatomy. Our CT angiography of the heart is a minimally invasive procedure used for measuring and reporting calcifications and/or stenosis in the coronary arteries. Experienced technologists, several with over 20 years dedicated to their profession, complete the CT experience assuring our patients are receiving optimum results. We perform over 42,000 procedures annually.



MAGNETIC RESONANCE IMAGING

Same Day, Evening and Weekend Services

Our Riverside Drive Siemens .2T OPEN MRI scanner is the only true "OPEN" scanner in the area. Completely OPEN on three sides, it all but eliminates the feeling of claustrophobia. The two General Electric 1.5T magnets at the Medical Center offer patients the largest opening available for a high field strength magnet. These three state-of-the-art scanners allow us to provide same day services as well as evening and weekend hours. The Medical Center magnets are both accredited by the ACR (American College of Radiology). We perform over 7,500 MRI procedures annually.

The G.E. scanners are equipped with the latest software resulting in best image quality available. Some software unique to these machines includes:

- **VIBRANT**
scans BOTH breasts using 1.2mm slices while retaining resolution
- **CAD Stream**
computer program that automatically processes images highlighting and color coding suspicious areas in the breasts, directing the radiologist to areas of interest
- **PROPELLER**
reduces motion artifacts when scanning heads on children or uncooperative patients

- **TRICKS**
allows for more accurate contrast enhanced imaging of vessels
- **Diffusion**
detects strokes literally minutes after occurrence
- **PV Coil**
provides the means to image arterial flow from the upper abdomen to the feet, in only 15 minutes, for evaluation for peripheral vascular disease

Our 14 board-certified radiologists are always available to consult with ordering physicians. They provide Peninsula Regional Medical Center with the ability to remain the only site in the area to perform MRI guided breast biopsies. Anesthesiologists make it possible to adhere to the strict state mandated guidelines when performing pediatric sedations in both CT and MRI. A noise suppression system decreases the level of noise created by the scanner, while allowing patients to listen to the music of their choice.

Peninsula Regional Medical Center's CT Scan and MRI imaging services set the standard for providing the ultimate quality care. State-of-the-art equipment, experienced staff and a commitment to excellence all combine to create a safe, convenient and pleasant experience for our patients and referring physicians with the dedication to service excellence that each expects and deserves.

CT SCAN AND MRI SCHEDULING
410-543-7700

OUR EXPERIENCE MAKES YOUR EXPERIENCE BETTER



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