

# MEDICAL IMAGING

We offer the newest, state-of-the-art technology to meet your diagnostic imaging needs. Using premiere technology, our physicians and technologists ensure the highest quality images for the most accurate diagnosis possible.

## PET/CT SCANS

A cardiac positron emission tomography (PET) scan images the heart muscle using a small amount of radioactivity. Cardiac PET/CT provides improved accuracy, less radiation and increased efficiency in the detection of coronary artery disease compared to current modes of nuclear stress testing (SPECT). Cardiac PET/CT is particularly helpful in patients who have a high body mass or BMI or a large amount of breast/chest wall tissue, breast implants or pleural or pericardial effusions.

## VANTAGE TITAN™ MRI

Combining exclusive patient comfort features and excellent image quality, our system offers fast, comfortable exams for patients and outstanding images you depend on.

- **Quiet Technology & Monitoring** More comfort and easier communication between patients and techs. Equipped with a camera and speaker for close monitoring of the patient.
- **Widest MRI Opening** Easily accommodates patients up to 550 lbs and many exams can be performed feet first.
- **Superior Image Quality** Latest technology, relaxed environment and patient comfort result in better images for vascular procedures.
- **Contrast-Free Imaging** For patients with renal impairment, our scanner can perform many vascular studies without contrast.

## CT SCAN

Take advantage of the latest advances in CT imaging technology to provide increased speed and detailed information, better diagnostic care, greater convenience and improved patient comfort. Weight limit 600 lbs.

## X-RAY

Our full service X-ray, including fluoroscopy, can help to diagnose, monitor and treat a variety of medical conditions. Weight limit 600 lbs.

## NUCLEAR SCANS

- **Cardiac Scans** An imaging test using special cameras & tracer, a radioactive substance, to create pictures of the heart.
- **Lung Scans** An imaging test to look at lungs and help diagnose certain lung problems.
- **GI Scans** An imaging procedure to diagnose problems of the liver, gallbladder, bile ducts or gastric emptying.

## ECHOCARDIOGRAPHY

An echocardiogram uses high frequency sound waves to produce images of the heart. The test shows the heart beating and pumping blood, which can be used to identify heart disease. Myocardial strain imaging can be added for patients on chemotherapy or experiencing chest pain.

- **Stress Echocardiogram (STE)** A test using ultrasound imaging to show how well a heart and blood vessels are working at rest and under pressure.
- **Transesophageal Echocardiogram (TEE)** Available with 2D and 4D capability to further assess the heart structure.

## ULTRASOUND

- **Carotid Arteries** A carotid ultrasound examines the blood flow through arteries in the neck that deliver blood from the heart to the brain. This ultrasound tests for blocked or narrowed carotid arteries, which can increase risk of stroke.
- **Venous** A venous ultrasound uses sound waves to produce images of the veins in the body. It is commonly used to search for blood clots, especially in the leg.
- **Abdominal** An abdominal ultrasound tests for conditions affecting the organs in your abdominal area.



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