

What is an MRI?



High-Field 1.5 MRI's provide the highest picture quality possible.

MRI is short for Magnetic Resonance Imaging. It uses a strong magnet, radio waves, and a computer to make detailed images of your body. For many conditions, MRI has become the imaging exam of choice, and gives your doctor a unique “window” to look inside your body without surgery or the ionizing radiation effects of x-rays.

What is special about our MRI?

- We have every capability that an MRI can offer, but our MRI also offers Diffusion Body Scanning. MRI has the potential to dramatically improve detection of lesions throughout the body. This technology provides PET-like imaging and sensitivity that revolutionizes the role of MRI in oncology studies, and eliminating the harmful effects of radiation.
- Our MRI offers Diffusion Weighted Imaging of the body.
- The scanner table is capable of supporting 350 lbs.




Village
Imaging Center
an affiliate of Radiology Associates

(214) 778-0101

Everything you need to know...


an affiliate of Radiology Associates



This booklet will help answer the following questions:

- What is Village Imaging Center (VIC)?
- What patient services do we offer?
- What do I need to know about an MRI?
- What do I need to know about a CT Scan?
- What do I need to know about an Ultrasound?
- What do I need to know about a Bone Mineral Density Exam?
- What do I need to know about a Mammogram?
- What do I need to know about an X-ray?

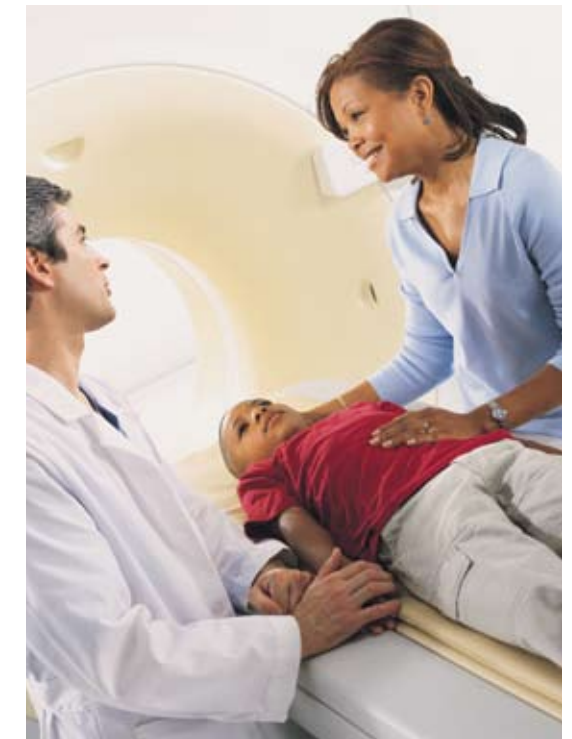
What is Village Imaging Center?

Village Imaging Center is Collin County's premier medical imaging facility for MRI, CT, Ultrasound, Bone Mineral Density Scans, Digital Mammography, and X-ray.

What patient services do we offer?

We strive to provide the highest quality possible while also maintaining the greatest level of patient comfort during your visit with us. We offer services such as:

- Quick & easy scheduling of appointments
- A patient friendly staff
- State-of-the-art equipment and imaging center
- Convenient location
- Accept most major insurances



What is a CT Scan?

A CT Scan is short for Computerized Tomography Scan. The scanner is shaped like a donut with the body placed in the central hole. The x-ray source rotates in a circle around the patient, sending x-rays through the patient which are recorded by detectors opposite the x-ray source. The detectors send the information into a computer. The computer processes this information into finely detailed images. Many images or “slices” make up the complete exam.

What is special about our CT?

- Patient-focused design for easy contact with technician should you have any in-scan needs
- High resolution images with optimized doses of contrast material and radiation
- Outstanding speed that provides extensive information in just minutes that takes less time out of your day and allows for faster reporting back to your primary care physician



Our GE Brightspeed CT scanners are very patient friendly.

What is an Ultrasound?

Medical Sonography is an Ultrasound-based diagnostic medical imaging technique used to visualize muscles, tendons, and many internal organs, their size, structure, and any pathological lesions with real-time tomographic images. It is also used to visualize a fetus during routine and emergency prenatal care. Obstetric Sonography is commonly used during pregnancy.

Ultrasound is one of the most widely used diagnostic tools in modern medicine. As currently applied in the medical environment, it poses no known risks to the patient.



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What is a Bone Mineral Density Scan?

A Bone Mineral Density (BMD) test measures the density of minerals (such as calcium) in your bones using a special X-ray and Computed Tomography (CT) scan. This information is used to estimate the strength of your bones in checking for osteoporosis.



Yearly mammograms are critical to early detection of breast cancer.

What is a Digital Mammogram?

Mammography is a specific type of imaging that uses a low-dose x-ray system to examine breasts. A mammography exam, called a Mammogram, is used to aid in the diagnosis of breast diseases in women.

Digital Mammography is a mammography system in which the x-ray film is replaced by solid-state detectors that convert x-rays into electrical signals. These detectors are similar to those found in digital cameras. The electrical signals are used to produce images of the breast that can be seen on a computer screen or printed on special film similar to conventional mammograms. From the patient's point of view, Digital Mammography is essentially the same as the screen-film system.

What is an X-ray?

An X-ray (radiograph) is a painless medical test that helps physicians diagnose and treat medical conditions. Radiography involves exposing a part of the body to a small dose of ionizing radiation to produce pictures of the inside of the body. X-rays are the oldest and most frequently used form of medical imaging.

A bone X-ray makes images of any bone in the body including the hand, wrist, arm, foot, ankle, knee, leg, or spine.



X-rays are very common procedures for discovering diagnosing structural ailments.

How can we help you?

We are here to help. Please feel free to give us a call at (214) 778-0101 for any questions about your exam, scheduling information, or any other needs. Our goal is that your experience here is as simple, convenient, and painless as possible.