

x-ray services

X-rays are a form of ionizing radiation that can be focused into a beam. When x-rays strike a piece of photographic film or a digital sensor, they produce a gray scale picture. Dense tissues in the body, such as bones, block (absorb) many of the x-rays and appear white on an x-ray. More x-rays pass through less dense tissues, such as muscle, which appear in shades of gray. X-rays that pass only through air, such as x-rays of the lungs, appear black.



Digital x-ray is a form of imaging where digital sensors are used instead of traditional photographic film. Advantages include time efficiency, through bypassing chemical processing, and the ability to digitally transfer and enhance images. While conventional x-rays are viewed on a "view box," digital x-rays are viewed on a computer monitor. Digital x-rays are saved as a digital file and are part of a patient's medical record.

Midwest Imaging Specialists is proud to offer the latest x-ray technology by using a Siemens tube, Fuji software, and a portable wireless cassette. This advanced technology creates significantly increased image quality, better image detail and ultimately better visualization for interpretation of fractures and other maladies.



MIDWEST IMAGING SPECIALISTS

Patient's Name

Date of MRI

Time

Hours of Operation:
Monday-Friday, 8am-4pm

201 S. Mt. Auburn Rd., Suite B
Cape Girardeau, Missouri 63703
p. 573.381.0790 f. 573.803.4258



Midwest Imaging Specialists is pleased to provide 3T MRI. Our state-of-the-art Siemens MAGNETOM VERIO 3T offers higher resolution images, with shorter scan times in a comfortable 70cm wide-bore open MRI environment.

mission

Midwest Imaging Specialists strives to provide patient-centered health care in a compassionate, relaxed environment. We are committed to providing the most advanced technology available. Our professional staff and registered technologists are committed to providing effective, efficient patient care.



Midwest Imaging Specialists
is an
American College of Radiology (ACR)
accredited facility.

what is mri?

MRI (magnetic resonance imaging) is a state of the art imaging technique that allows physicians to visualize structures and anatomy within the body with amazing detail. This is accomplished without radiation exposure; instead MRI utilizes a magnetic field and radio frequency pulses. The procedure is painless. Occasionally, an injection of contrast may be used to provide better detail. The contrast is a natural earth element and is introduced intravenously similar to a blood test.

precautions

Patients with certain implanted devices (i.e. pacemakers, defibrillators, aneurysm clips or neurostimulators) and women who are pregnant or may be pregnant may not be good candidates for MRI. Prior to your exam, you will be given a detailed questionnaire to ensure that you are properly screened for the procedure. Your technologist will review your information prior to your scan and can address any questions or concerns you may have to provide you with a safe and comfortable MRI experience.



exam preparation

Generally there is no preparation for the MRI exam. Eat, drink and take medications as usual. It is advised that you wear comfortable clothing with as little metal as possible. Patient gowns and scrub shorts are provided if needed. Leave all valuables including jewelry at home. Lockers are provided prior to your exam for any personal belongings.

Please bring a valid photo ID and insurance cards with you. Federal regulations require that a photo ID be presented at time of service. You will be asked to arrive promptly and up to 30 minutes prior to your actual scan time in order to fill out appropriate paperwork and screening forms. Your MRI exam will take approximately 30 minutes to one hour (occasionally longer if multiple exams are requested).



Midwest Imaging Specialists of Cape Girardeau is looking forward to serving your imaging needs. We thank you for choosing us!