



RDC uses only the latest in state-of-the-art equipment, coupled with top radiologic interpretation and professional expertise for your exam.



PREPARING FOR THE EXAM

- No special preparation is required.
- If Xanax sedation is required, please arrive 45 minutes early.
- If IV sedation is required for pain or claustrophobia, patient needs to arrange for this at time of scheduling and must arrive 30 minutes early.
- MRI scans cannot be performed on people with a cardiac pacemaker, brain aneurysm clips, or metallic inner ear prosthetics.
- Music is available. You may bring your own cassette or CD if you prefer.



TWO LOCATIONS IN RENO, NEVADA TWICE THE EXPERTISE IN IMAGING



625 Sierra Rose Drive (SW Reno)



590 Eureka Avenue (6th and Wells)



Reno Diagnostic Centers

(775) 323-5083
1-(800) 422-2828

www.renodiagnosticcenters.com



MRI

PRECISION
WITHOUT X-RAYS



MAGNETIC RESONANCE IMAGING



Reno
Diagnostic
Centers



WHAT IS MRI?

RDC was the first to introduce Magnetic Resonance Imaging (MRI) to the state of Nevada in 1985. Invented in the early 1980s, MRI technology allows us to look inside the body without the use of X-Rays.

MRI uses the body's own energy (radio frequency waves) to produce 2 and 3 dimensional images. The magnet creates a strong, steady magnetic field many times the earth's magnetic pull that causes the protons in the atoms of your body to line up in the same direction. Using a series of smaller, rapid magnetic currents, the MRI equipment measures the radio frequency energy given off by the body. This combined with very sophisticated computers creates a high resolution image of your body. These rapid changes are what create the knocking sound during the MRI exam.

HOW THE EXAM WILL HELP YOU

MRI sees directly through bone, creating extremely precise pictures of soft tissue.

The exam is invaluable in the detection and diagnosis of:

- Brain and Nervous System Disorders
- Cancer
- Sports Medicine/Orthopedic Problems
- Spinal Disorders

In particular, MRI provides the most accurate visualization of the brain and spine. The exam itself is usually performed without injections or other invasive procedures. It is a convenient and safe diagnostic procedure, and the magnetic fields used are not known to be harmful.



WE WILL HAVE YOUR RESULTS BACK TO YOUR DOCTOR WITHIN 24 HOURS.

THE ADVANTAGES OF MRI



NEUROLOGICAL IMAGING

MRI provides the most precise, sophisticated visualization of the brain and spine available. MRI helps in the early detection and diagnosis of brain and nervous system disorders such as multiple sclerosis, tumors, spinal diseases, hydrocephalus, stroke, and traumatic injuries.



SPORTS MEDICINE/ ORTHOPEDIC IMAGING

MRI is superb at closely visualizing joints and the surrounding tendons, ligaments, and cartilage. This is particularly helpful with sports-related injuries.



BODY IMAGING

MRI is complementing CT in looking at anatomic and pathologic processes in the chest, abdomen, and pelvis. MRI is replacing invasive procedures such as angiography, and ERCP's in evaluation of the gallbladder and biliary ducts.



STATE-OF-THE-ART EQUIPMENT

Having three MRIs is convenient because it means less waiting time for your exams. Reno Diagnostic Centers has two high-field MRIs and one open MRI. The open MRI is best for patients who are either claustrophobic or require more space. The high-field MRI at Sierra Rose is also shorter in length, making it easier on people with claustrophobia.



CONTRAINDICATIONS

Although MRI is a convenient and safe procedure, there are some contraindications. Because the exam uses a strong magnetic field, contraindications include cardiac pacemakers, brain aneurysm surgical clips, inner ear prosthetics and pain spinal stimulator devices. Notify your technologist or physician if you feel any of these may be an issue for you.



For more information on this and any of our exams, visit us on the web at renodiagnosticcenters.com

