

You Have a Choice...Choose Raleigh Radiology



Raleigh Radiology Open Bore MRI Locations:

Raleigh Radiology Blue Ridge

919-781-1437

Raleigh Radiology Cedarhurst

919-877-5400

Raleigh Radiology Cary

919-781-1437

Raleigh Radiology Clayton

919-877-5400

Raleigh Radiology Brier Creek

919-877-5400

Raleigh Radiology Wake Forest

919-877-5400

For more information on
Open Bore MRI, visit
www.raleighrad.com



Raleigh Radiology has pledged to put our patient's safety, health, and welfare first by optimizing imaging examinations to use only the radiation necessary to produce diagnostic quality images. At Raleigh Radiology, we image wisely. To find out more, visit www.imagewisely.org/Pledge.aspx



Open Bore MRI

A COMFORTABLE MRI EXPERIENCE



Clearly The Choice

An MRI (Magnetic Resonance Imaging) is simply an image of your body, created with a large magnet and radio waves. No x-ray or other high-energy radiation is involved. Doctors use MRI imaging to examine the brain, spine, abdomen, joints, pelvic region, breast, heart, and other body parts. An MRA (Magnetic Resonance Angiography) is a special type of MRI designed to look at arteries, veins, and flowing blood within them.

Perhaps you have heard that these examinations while safe and painless-are rather uncomfortable. This was true in the past of traditional MRIs. The patient was required to spend an extended period of time in a long, dark "tunnel" and was subjected to an extremely loud noise. At Raleigh Radiology, all of our MRI scanners offer Open Bore technology with your comfort in mind. This latest technology has reduced noise level and the actual bore is illuminated. This provides a pleasant experience for you and the highest diagnostic confidence for your provider.

What is Open Bore MRI?

An Open Bore MRI differs from traditional MRI by the size of the opening, or bore. In traditional MRI, the bore is only slightly larger than the patient, creating a very restrictive environment. Open Bore MRI provides the comfort of an open design with 2.3 feet diameter bore, and the shortest magnet available at 4 feet long.

What are the benefits?

The large design of our high-field Open Bore MRI scanner provides a more comfortable experience, helping ease anxiety and reduce claustrophobia. The high-field power of the 1.5 Tesla magnet delivers the same superior quality of traditional MRI.



What are the risks?

MRI is considered a very safe imaging option for many because it uses no ionizing radiation, posing no exposure risks to the patient. There are some cases where a patient is unable to undergo an MRI exam because of pacemakers, clips, recent surgeries, or implantable electronic devices. If you have any of these, please let your technologist know before continuing with your exam.

The Open Bore MRI Exam

Comfort From Every Angle

Many exams allow you to go in feet first with your head remaining outside the magnet, depending on the area of interest. For patients that enter the magnet head first. Generous headroom (1 ft.) is provided. There's also more elbowroom, a crucial difference, especially for those that are larger or claustrophobic.

If claustrophobia is a concern, a wash cloth can be placed over the eyes to ease mild claustrophobia. For more severe claustrophobia, oral sedation prescribed by your physician, or IV sedation may be an alternative. However, the spaciousness of the Open Bore MRI almost eliminates the need for sedation in most cases. If you have problems lying flat, cushions are available for your head or for bending your knees. For added comfort, headphones are available for most exams with XM radio.

Friendly for everyone

Open Bore MRI can accommodate patients up to 550 lbs (vs. 300 lbs with a traditional MRI). The wide open view eases those with mild claustrophobia, and helps young children and the elderly feel safe and relaxed. One of our registered technologists or your visitor can provide constant eye contact or even hold your hand for comfort and assurance.

raleigh radiology

Experience makes good medicine.