

MRI: MAGNETIC RESONANCE IMAGING

WHO CAN HAVE MRI?

Almost anyone can have an MRI, no matter the age, body type or fear of claustrophobia. It is a safe, non-invasive way of diagnosing disease without radiation. However, the strong magnetic fields created during an MRI can interfere with certain implants, particularly pacemakers.

Individuals with cardiac pacemakers cannot have an MRI and should not enter an MRI area.

You may not be able to have an MRI if you have any of the following metallic objects in your body:

- ▶ Brain aneurysm clips
- ▶ Certain artificial heart valves
- ▶ Inner ear (cochlear) implants
- ▶ Recently placed artificial joints
- ▶ Some older types of vascular stents

SCHEDULING YOUR MRI

To schedule an MRI,
call Ingalls Central Scheduling at:

708.915.3333

Appointments are available Monday through Sunday at all Ingalls locations. Times vary by location, but in general are offered between:

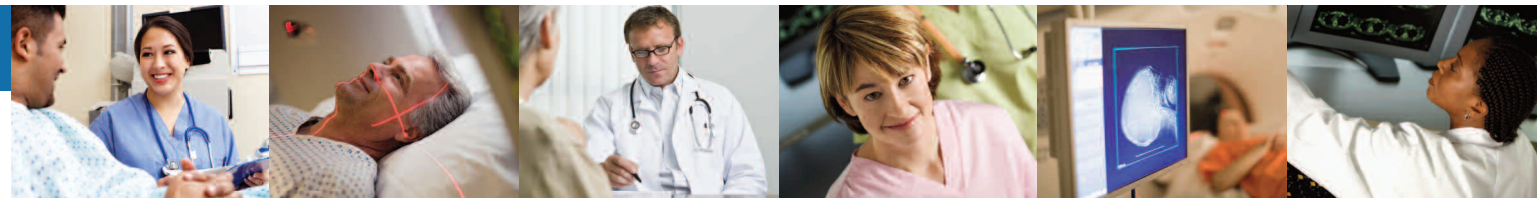
7 a.m. and 8 p.m.

For more detailed information about preparing for your MRI scan, please visit us at
www.ingalls.org/Imaging



RESULTS

One of our board-certified radiologists will study the MRI scans and help your doctor make a diagnosis. In general, we make results available to your doctor **within 24** hours of the scan.



INGALLS MRI LOCATIONS

Ingalls offers complete MRI services at four convenient locations:

- ▶ Ingalls Memorial Hospital in Harvey
- ▶ Ingalls Family Care Centers
 - ▶ Calumet City
 - ▶ Flossmoor (3T)
 - ▶ Tinley Park



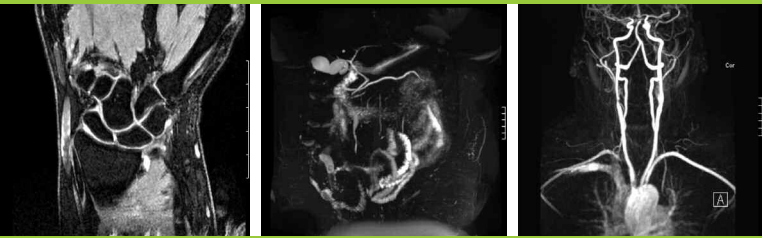
- ▶ The Most Powerful Technology
- ▶ The Clearest Pictures
- ▶ For All Types of Imaging



HARVEY • FLOSSMOOR • CALUMET CITY • TINLEY PARK

WHY CHOOSE INGALLS FOR YOUR MRI?

When the health of your family is at stake, it's important that your physician has access to the finest resources to make an accurate diagnosis. At Ingalls, we have a long history of offering the latest technology to diagnose and treat patients more effectively and less invasively, including through the most advanced magnetic resonance imaging (MRI) equipment available anywhere. For your comfort and convenience, we offer MRI at four locations throughout the south suburbs.



We also provide:

- ▶ Superior image quality that offers doctors the most detailed pictures of your anatomy
- ▶ Options with spacious openings and shorter bore lengths for maximum patient comfort, especially for patients with claustrophobia
- ▶ The right machine and seasoned staff for all your imaging needs
- ▶ Soothing lighting and décor
- ▶ Personal earplugs for listening to music
- ▶ Scheduling of your exam available within 2 days
- ▶ Results given to your doctor within 24 hours

You may have heard about vertical MRI for upright imaging, or particularly wide openings, but this technology may offer a substantially weaker magnet strength and have very limited use. **MRI at Ingalls is the most powerful available anywhere and can be used for all types of imaging.** With units that offer 1.5T and 3T magnet strength, Ingalls MRI provides the clearest, most detailed pictures of the body to assist your doctor in making an accurate, informed diagnosis.

WHAT IS MRI?

Magnetic resonance imaging (MRI) is a highly sophisticated way to look inside the body without using X-rays. Using a powerful but harmless magnetic field and radiowaves, MRI can obtain detailed images of bone, soft tissue, organs and most other internal structures.

The strength of MRI is measured in units called Tesla. A 3 Tesla (3T) magnet is nearly twice as strong as a 1.5T magnet and allows radiologists to obtain very precise images of even the tiniest abnormalities. However, because most abnormalities can be clearly seen with a 1.5T MRI, the 3T MRI may be specifically indicated for those with certain imaging needs.

USES OF MRI

Because MRI provides greater contrast within the soft tissues of the body than a CT scan, it is often used for imaging the brain, spine, muscle, connective tissue and the inside of bones.

MRI is especially valuable for diagnosing:



BRAIN AND NERVOUS SYSTEM DISORDERS

- ▶ Multiple sclerosis
- ▶ Tumors
- ▶ Certain diseases and conditions of the spine
- ▶ Hydrocephalus
- ▶ Stroke
- ▶ Traumatic injuries

MUSCULOSKELETAL PROBLEMS

MRI can detect injuries, disorders and diseases affecting tendons, ligaments, cartilage, bone marrow, etc. With the powerful 3T MRI available at our Flossmoor Family Care Center, we can evaluate ligaments in the smallest joints, such as the hand, wrist, ankle and foot with unmatched clarity and precision.

CANCER

MRI plays an important role in the diagnosis, staging and treatment planning of cancer. MRI allows doctors to distinguish between normal and diseased tissue to precisely pinpoint cancerous cells within the body. It is also useful for revealing the extent of the cancer.

FEMALE IMAGING

- ▶ Diagnose pelvic floor abnormalities
- ▶ Uterine and ovarian problems

ABDOMINAL IMAGING

- ▶ Bile ducts and pancreas
- ▶ Adrenal glands
- ▶ Kidneys
- ▶ Liver
- ▶ Vessels for hypertension and vascular disease