



## MRI — Magnetic Resonance Imaging

### What is MRI and how does it work?

The great advantage of using MRI technology is that there are no side effects. MRI uses magnetic signals to see through the body instead of radiation such as is used in an x-Ray. The magnet actually aligns itself with water cells in the body, then uses radio frequencies to send pictures and signals to the computer allowing technicians to “see” inside the body.

MRI has very high resolution and can show details which cannot be seen with other imaging techniques. The three pictures to the left show three ways MRI can “picture” the carotid artery to find an aneurism.

MRI technology is widely used to examine patients for injuries to bones and muscles, and in diagnosing neurological diseases or injuries to the brain and spine. It is also useful to evaluate conditions of the abdomen and pelvis, such as bladder dysfunction, kidney and liver disease, bowel obstructions, trauma to the abdomen and pelvis, and conditions affecting the male and female reproductive systems.

### Why should I choose Lincoln Hospital?

Lincoln Hospital, which has partnered with Inland Imaging of Spokane to bring MRI technology to Lincoln County, uses the GE LX MRI Ultra Short Bore Scanner. This scanner, powered by a 1.5 Tesla magnet, is state-of-the-art and is the same one being used by Inland Imaging at it’s Spokane imaging centers.

Because there is such a high demand for MRI, getting an appointment at an imaging center in Spokane often requires several weeks of waiting.

**By requesting your exam at Lincoln Hospital, you can often get service on the same week or week after your physician writes the order. More timely appointments mean fast results and a quicker diagnosis.**

MRI exams are done each Friday at Lincoln Hospital and exams work much the same as having an appointment at one of Inland Imaging’s facilities. Patients referred by their personal physician will schedule appointments by calling **(509) 725-2975**. A technologist will conduct the MRI study and electronically send the images to radiologists in Spokane to be read. The results will be forwarded to the patient’s personal physician immediately. Why travel when the best is right here at home?

**WE SEND MRI RESULTS TO ANY PHYSICIAN ANYWHERE!  
ASK FOR LINCOLN HOSPITAL RADIOLOGY — (509) 725-2975.**

