

# INFORMATION *for* PATIENTS



DIAGNOSTIC  
IMAGING *of* SALEM

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**DIA**  
DIAGNOSTIC  
IMAGING  
ASSOCIATES, Inc.

# What is MRI?

Magnetic Resonance Imaging uses a computer, magnetic fields and radio waves to generate images of the body. It can be used for virtually all parts of the body, generating images of the specific area troubling you, and providing a quick and accurate diagnosis for your physician.

MRI does not utilize any form of ionizing radiation, so no special preparation is needed. You may eat normally and take your regular medication. Please wear comfortable clothing without zippers, metal buttons or snaps. This includes underwire bras as well. If needed, cotton scrubs will be available for you to use.

Because of the potentially harmful effects associated with all metallic objects in a magnetic field, you should check with your physician or MRI Technologist if you have:

- Pacemaker
- Ear implants
- Surgical staples
- Neuro-stimulator
- Aneurysm clip(s)
- Implanted drug infusion devices
- Worked as a welder or grinder of metal

*If you are or may be pregnant, please tell our patient representative and the technologist.*

## Open MRI

*Hitachi AIRIS Elite*

Unlike traditional MRI scanners, the open AIRIS Elite MRI system at Diagnostic Imaging of Salem has no tunnel; it is open on all sides. Claustrophobic patients, as well as larger patients, can have an MRI without feeling confined. The procedure will typically last 45-60 minutes, depending on the type of information required by your physician.



## High-Field Short-Bore MRI

*GE Signa 1.5T*

For some MRI examinations, higher field strength is required to achieve optimum results. Our GE Signa MRI includes a 60cm wide opening with an intercom, call button, music, lighting and ventilation for your comfort and convenience. The high-field MRI also results in shorter scan times. Talk with your physician to see which system is best for you.



# What is CT?

A CT (computed tomography) scan is a non-invasive medical test that uses special x-ray equipment to produce multiple images or pictures of the inside of the body and a computer to join them together in cross-sectional views of the area being studied.

CT scans of internal organs, bone, soft tissue and blood vessels provide greater clarity than conventional x-ray exams.

With some CT exams, a contrast medium is used to highlight these areas of the body and make them more visible. You may feel a slight warming sensation, metallic taste, and/or a slight feeling to urinate when the contrast medium is administered with a small IV. These will all subside within minutes.

Not all CT exams require contrast; however some require an oral contrast which may be used independently or in addition to the IV contrast. Your patient representative will let you know if any contrast will be used during your examination.

*If you are allergic to iodine or shellfish, please let a patient representative or technologist know; as this may affect your reaction to the IV contrast used.*

Preparation for All CT Examinations:

- Do not eat or drink for 3 hours prior to arriving for your exam.
- Please wear comfortable clothing and avoid metal or jewelry in the area of interest. If needed, cotton scrubs will be available for you to wear.
- Allow about 30 minutes for most examinations.
- Some CT exams require oral contrast. In this case, you will need to arrive 90-minutes prior to drink the provided oral contrast. A patient representative will let you know if this is necessary for your examination.

*If you are or may be pregnant, please tell our patient representative and the technologist.*

## Toshiba Aquilion™ CFX Series CT Scanner

Our CT scanning system by Toshiba expands our capabilities and allows us to provide you with superior diagnostic images in just seconds. For conventional CT, Diagnostic Imaging of Salem has the largest aperture and widest table design in Salem which will provide our patients with the most comfortable exam without losing image quality.



## What are X-ray and Fluoroscopy?

An X-ray (or radiographic) image is produced by sending a small amount of radiation through the body. An X-ray can be used to image bones, as well as organs and other tissues within the body. Fluoroscopy studies use X-rays to capture “real time” images of an organ while it is functioning. It is often used to observe the digestive tract or to guide injections.

The small amount of risk associated with the use of radiation is greatly outweighed by the information X-rays provide relating to the patient’s condition.

*For most X-rays:*

- No special preparation is required.

*If you are or may be pregnant, please check with your provider for any special instructions.*

## Kodak Computed (CR) X-ray & CMT Digital Fluoroscopy

Our radiography and fluoroscopy system provides superior quality images for the full range of diagnostic applications. Unlike film-based X-rays, the images produced by our digital computer system are available almost instantaneously.



## What is Bone Densitometry (DEXA)?

A Dual-Energy X-ray Absorptiometry (DEXA) test is a bone density study used to determine whether or not you have osteoporosis or low bone mass. It is a fast, safe and painless test that measures bone strength and can predict your risk for bone fracture. In some cases, DEXA is used to monitor response to specific medications.

In advance of your exam, please let the patient representative, radiologist or technologist know if you have had an MRI or CT scan within one (1) week of your scheduled appointment.

*If you are or may be pregnant, please tell our patient representative and the technologist.*

## Hologic Discovery C

Our Hologic Discovery is an advanced DEXA bone densitometer, combining the proven clinical value of Bone Mineral Density (BMD) measurement and vertebral fracture assessment for analysis of the two most important factors related to osteoporosis risk. Its advanced Computer-Aided Fracture Assessment (CADfx) provides our radiologists with added tools to assist in detecting tiny fractures.



# What is Ultrasound?

Ultrasound, or sonography, produces images of the inside of the body by generating high-frequency sound waves. As the sound waves bounce off internal organs and tissues, they create echoes. Then a computer translates these echoes into images on a screen, images that can show abnormalities (disease) within the body. The process is fast, painless and completely free of radiation or harmful side effects.



## *For Pregnancy, Pelvic or Kidney Examinations:*

- Your bladder must be full for this examination. Drink at least 32 ounces of water 30 minutes prior to your examination. We recommend you avoid caffeinated beverages.
- Please do not urinate until after your examination is completed. If you are very uncomfortable, please notify our staff when you arrive.
- Allow 45-50 minutes for the examination.

## *Abdominal and Aortic Examinations:*

- Nothing by mouth after midnight before your appointment.
- Allow 45-60 minutes for the examination.

## *Examination of any other part of the body:*

- No special preparation is required.

## Ultrasound

Our state-of-the-art Ultrasound scanner provides better and more detailed images than the majority of the ultrasound scanners in use today. For several important applications, it achieves faster results, and enables more precise biopsies, better comfort for OB/GYN exams and more. It is also one of the safest diagnostic imaging tests available for patients.



# What is Digital Mammography?

Mammography is an X-ray of the breast that is the best method of early breast cancer detection. It is designed to detect early stage breast cancer and to detect and diagnose breast disease in those experiencing symptoms such as a lump, pain or nipple discharge. Digital mammography is more effective at detecting certain cancers in breast tissue that may be more dense.



When preparing for your mammogram:

- Do not wear deodorant, talcum powder or lotion under your arms or on your chest on the day of the exam.
- Describe any symptoms or problems to the technologist during the exam.
- If possible, obtain prior mammograms and make them available to the radiologist at the time of the current exam.

*If you are or may be pregnant, please tell our patient representative and the technologist.*

## Hologic/Lorad Selenia Digital Mammography

Our Lorad Selenia full field digital mammography system from Hologic delivers quicker exam times, decreased radiation dose and less patient discomfort than any other mammography system available. And with computer aided detection (CAD) software, we can find breast cancer earlier than before.

At Diagnostic Imaging of Salem, we are doing everything we can to make this exam more comfortable. We have a dedicated women's waiting area, terry cloth robes instead of hospital gowns, and a soft foam padding to reduce the discomfort that can be associated with breast compression.



# Our Commitment To You

Your comfort, along with the highest quality of care in diagnostic imaging, is our priority. We are dedicated to making you feel at ease and providing your healthcare provider with quick, accurate and dependable reports.

Diagnostic Imaging of Salem utilizes the highest quality, state-of-the-art diagnostic scanning equipment, delivering superior image quality without sacrificing patient comfort. Our center is conveniently located near Salem's Capitol, and our goal is to make your short stay with us as pleasant as possible.

## For Your Convenience

Our center offers convenient hours including some Saturday appointments to meet the needs of your busy schedule. Please ask a patient for an appointment that is convenient for you.

Following a doctor's referral to Diagnostic Imaging of Salem, our staff will speak with you on the phone about insurance and medical history, as well as answer any questions you may have regarding your appointment. We invite you to visit our website for pre-registration, patient preparations, exam information, directions, information on our radiologists, and much more; [www.diagnosticimagingofsalem.com](http://www.diagnosticimagingofsalem.com).

### Reminders:

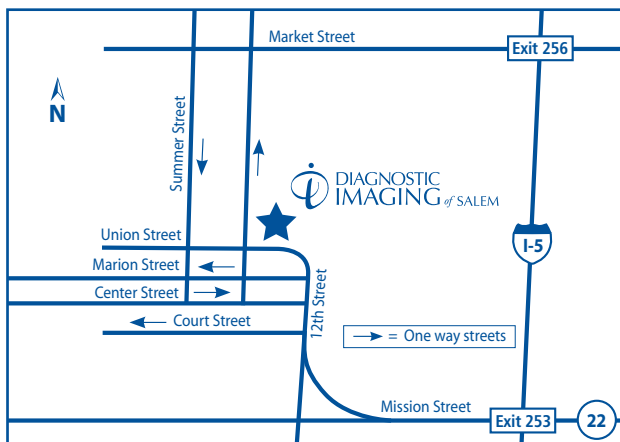
- Bring your insurance card with you to your appointment.
- Arrive 15 minutes before your appointment.
- You are welcome to bring a friend or family member to stay with you during your exam.
- Children are welcome, however all children under 12 must be supervised by another adult.

#### ***My Appointment:***

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Procedure: \_\_\_\_\_



## Directions

### Southbound I-5

- Market St exit #256
- Right on Market to Summer St (stoplight)
- Left on Summer St
- Left on Center St NE
- Left on 12th (becomes Union St NE)
- Center located on right just after curve

### Northbound I-5

- Hwy 22E/Detroit Lake exit #253
- Left on Hwy 22/Mission St
- Exit Right for Willamette University/City Center - 12th St
- Follow sign to 12th St/State Offices
- 12th St becomes Union St after Safeway
- Right into parking lot after the curve

### Hwy 22W/ West Salem

- Stay on Center St as you come over bridge
- Left on 12th St (just past McDonalds)
- 12th becomes Union St
- Right into parking lot after the curve



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