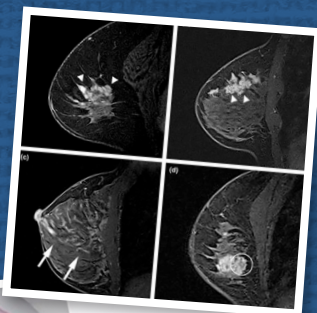


## Breast MRI Benefits:

- MRI is a noninvasive imaging technique that does not involve exposure to ionizing radiation.
- MRI has proven valuable in detecting and staging breast cancer.
- MRI as an addition to mammography has been shown to be useful in evaluating women at high risk for breast cancer.
- MRI can successfully image the dense breast tissue common in younger women, and it can successfully image breast implants.
- If a suspicious lesion is seen with MRI only, MRI can provide guidance for biopsy.
- The contrast material used in MRI exams is less likely to produce an allergic reaction than the iodine-based contrast materials used for conventional x-rays and CT scanning.



Scheduling: 317.621.7706 or 317.806.8265

[www.radiologyofindiana.com](http://www.radiologyofindiana.com)  
[www.ecommunity.com](http://www.ecommunity.com)

*Breast Diagnostic Center North*



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# BREAST MRI

Breast MRI is advanced technology that uses a magnetic field to provide three dimensional images of the breast.



*Breast Diagnostic Center North*



## What is Breast MRI?

MRI is a sophisticated technology that uses a magnetic field to provide three dimensional images of the breast. Mammography remains the test of choice in the initial screening for breast cancer, though in certain very high risk women, MRI may be helpful. MRI doesn't replace mammography – it's a different imaging technique that provides additional information for the detection and characterization of breast disease.

## Who Should Have Breast MRI?

- Women recently diagnosed with breast cancer.
- Women at especially high risk for breast cancer, including:
  - Those with altered BRCA1 and BRCA2 genes.
  - First degree relative of altered BRCA1 and BRCA2 genes.
  - Women with increased risk of breast cancer based on relatives diagnosed with breast cancer, history of ovarian cancer, and other factors.
- Women treated for breast cancer, to evaluate response to treatment.
- Women concerned about rupture of a silicone implant.

## What is a breast MRI exam like?

The MRI at Breast MRI North is designed specifically for your comfort as a woman. During the exam, you will lie on your stomach with your breast placed in openings in the examination table so that they're suspended away from your chest. Unlike conventional x-ray mammography, Breast MRI doesn't require your

breast to be compressed, so you shouldn't experience that discomfort. Plus, you'll enter the machine feet-first which reduces feelings of claustrophobia sometimes associated with full-body MRI scanners.

A small intravenous catheter will be placed, usually in the arm. An initial scan will be taken and then repeated after the I.V. injection of a contrast enhancement agent called gadolinium. The gadolinium helps to highlight various structures in the breast tissue. For best results, you should lie very still, relaxed and breathe normally. The technologist can see and hear you at all times. The entire exam takes about 45 minutes to an hour.

## How do I prepare for the test?

- If you are having menstrual periods, report where you are in your cycle when scheduling your MRI, for optimal timing of the exam.
- On the day of your exam, you can eat, drink, and take your usual prescription medications.
- Plan to arrive about 30 minutes before your appointment time.
- Bring any previous mammogram and Breast MRI studies with you.
- We'll ask you questions before you enter the MRI exam room to confirm that you don't have any metal in or on your body, including metal implants, a cardiac pacemaker, or other metal objects. You'll have to remove all metallic objects such as jewelry, glasses, hairpins, hearing aids and dentures.



*MRI doesn't replace mammography – it's a different imaging technique that provides additional information for the detection and characterization of breast disease.*

## What is Abbreviated Breast MRI (AB-MRI)?

An Abbreviated Breast MRI (AB-MR) is an MRI of the breasts with a shortened protocol that is used as a valuable supplemental screening option for asymptomatic women with dense breast tissue offered at a low cost.

The lower cost and shorter scan time sets Abbreviated Breast MRI apart from traditional Breast MRI, making this a favorable choice for women seeking additional screening options.

## What is the requirement to have this exam:

- You must have a physician's order
- You must be at least 40 years old
- You have to have had a mammogram within the past 12 months
- You have to have been identified with having dense breast tissue
- You must be asymptomatic (no breast problems such as a lump, pain, nipple discharge, etc.)
- Routine screening Breast MRI recommended for high-risk patients that have a calculated lifetime risk of breast cancer of 20% or greater or a genetic predisposition.