BREAST MRI LOCATIONS

Roper Hospital
316 Calhoun Street | Charleston, SC 29401

St. Francis Hospital Medical Plaza
2145 Henry Tecklenburg Dr., Suite 150
Charleston, SC 29414

www.rsfh.com/imaging
Roper St. Francis is proud to provide comprehensive breast care services throughout the Tri-county area. We offer the latest in Breast MRI services, including image-guided biopsies and computer aided detection, or CAD, to further improve the efficiency and accuracy of your Breast MRI evaluation.

**WHAT IS BREAST MRI?**

Breast MRI uses strong magnetic fields to produce excellent images of the breast with no radiation. The technology requires a high quality magnet, a dedicated breast coil, intravenous contrast material and specialized software to optimize image acquisition and study interpretation.

**SPECIALIZED BREAST MRI**

Breast MRI is accurate in the detection and evaluation of breast cancer with significantly improved sensitivity compared to mammography. Roper St. Francis has a state-of-the-art MRI system at our Roper and St. Francis Hospital locations. We also offer state-of-the-art, three-dimensional (3D) “Computer Aided Detection” software, which enhances the MRI images and has been clinically shown to improve the efficiency and accuracy in Breast MRI evaluation.

**PATIENT INDICATIONS FOR BREAST MRI**

- Evaluation of patients with newly diagnosed breast cancer
- Screening of high risk patients
- Evaluation of silicone implants
- Evaluation of response to chemotherapy
- Evaluation of post-operative breast cancer patients
- Problem solving in conjunction with mammography, breast ultrasound and clinical findings
- Investigate metastasis of unknown origin
- Evaluation for residual, recurrent disease

**BREAST MRI**

Contra-indications for Breast MRI are the same as routine MRI including:

- Cardiac pacemaker
- Cerebral aneurysm clips
- Implanted devices (insulin pump, pain pump, nerve stimulator)
- Metal in the eye or eye socket
- Cochlear implant
- Pregnancy (especially during the first trimester)
- Weight greater than 300 pounds

Breast MRI is not a substitute for a screening mammography. All patients scheduled for a breast MRI should have a recent mammogram within one year of the breast MRI and that exam must be made available for the MRI interpretation by our board certified radiologists. If the patient has not had a recent mammogram, please schedule a mammogram in addition to the MRI. When scheduling a breast MRI, please write the order for the study as a bilateral breast MRI with and without contrast and with 3D post-processing.

**TO MAKE A REFERRAL**

For more information, please call our MRI department at (843) 724-2165. To schedule an appointment, please call (843) 402-5000.

For ease of scheduling, we have several dedicated appointments each day reserved just for our breast MRI patients.

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