

modality in detecting invasive breast cancer. MRI is superior at demonstrating the size and extent of a breast tumor prior to surgery. In addition, it is beneficial for screening patients at particularly high risk for breast cancer due to genetic predisposition or strong family history, diagnosing breast implant rupture, staging breast cancer and planning treatment.



Women's Ultrasound

Ultrasound is commonly used for assessment of the uterus and ovaries and is therefore a mainstay of women's imaging, used not only in pregnancy but also to evaluate irregular menstruation, pelvic pain and postmenopausal bleeding, among other issues.

About Quakerbridge Radiology

For more than 30 years patients have benefited from a team of dedicated and recognized experts in utilizing imaging to promote women's health. Our Board Certified radiologists and specialized staff use the newest tools available to help screen and diagnose a spectrum of conditions affecting women.



Mission Statement: *Our mission is to provide our patients and referring physicians with superior diagnostic, therapeutic, and interventional radiological services in a courteous, compassionate, and accessible fashion.*

For more information, visit our website at www.qbradiology.com.

Immediate appointments, including same-day, weekend and nights.

Locations

Quakerbridge Radiology Associates

Imaging and Women's Center at Mercerville

8 Quakerbridge Plaza Drive
Mercerville, NJ 08619

- High Field MRI
- Open MRI
- Breast MRI
- DEXA
- Ultrasound
- X-Ray
- CT Scan
- Digital Mammography with CAD

Hours:

Monday through Friday 6:30AM to 9:30PM
Saturday 8:00AM to 4:00PM

MRI Center at Lawrenceville

21 Lawrenceville-Pennington Road
Lawrenceville, NJ 08648

- High Field MRI
- Breast MRI

Hours:

Monday through Friday 8:30AM to 4:30PM

Phone 609.890.0033



QUAKERBRIDGE
RADIOLOGY
We're Proud of Our Image



- THE SUITE -
For Women's Health

(609) 890-0033
www.qbradiology.com

What is Digital Mammography?

Digital mammography uses computers and digital detectors specifically designed to produce an image that can be displayed on a high-resolution computer monitor, transmitted and stored just like computer files.

From a patient's point of view, having a digital mammogram is very much like having a conventional mammogram. Both film-based and



digital mammography use compression and X-rays to create clear images of the inside of the breast. During all mammography exams, the technologist positions the patient to image the breast from different angles and compresses the breast with a paddle to

obtain optimal image quality. Unlike film-based mammography, digital mammograms produce images that appear on the technologist's monitor in a matter of seconds. There is no waiting for film to develop, which can mean a shorter time spent in the breast imaging suite.

The Benefits of Digital Mammography

Unlike the other parts of the body, the breast is composed mainly of soft tissue. When breast tissue is X-rayed, it creates an image that looks

Early Detection is Key!

Call today to schedule your annual mammogram.

something like a smoky haze, making it difficult to see tiny "spots" called microcalcifications, and other subtle signs of early cancer.

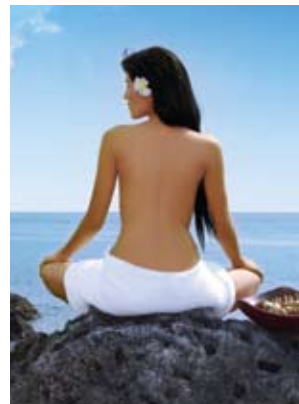
With digital mammography, the radiologist reviews electronic images of the breast, using special high-resolution monitors. The physician can adjust the brightness, change contrast, and zoom in for close-ups of specific areas of interest. Being able to manipulate images is one of the main benefits of digital technology.

Another convenience of digital mammography over film-based systems is it can greatly reduce the need for retakes due to over or under exposure. This potentially saves additional time and reduces your exposure to X-rays. Because they are electronic, digital mammography images can be transmitted quickly across a network. Digital images can also be easily stored, copied without any loss of information, and transmitted and received in a more streamlined manner, eliminating dependence on only one set of "original" films.

Bone Densitometry (DEXA)

Did you know over 10 million Americans suffer from osteoporosis, and 77% are not even aware they have the disease? The next time your doctor writes you a prescription for a routine mammography screening, ask them to also add a prescription for a DEXA scan.

This completely non-invasive study that measures bone density detects signs of osteoporosis and is the first step in prevention or treatment.



Breast Ultrasound

Ultrasound is one of the tools used in breast imaging and is a painless and radiation-free procedure. Ultrasound may be used to evaluate palpable findings from a mammogram or physical exam, or as an added study to mammography. A breast ultrasound is used to see whether a breast lump is filled with fluid (a cyst) or if it is a solid lump. An ultrasound does not replace the need for mammogram, but is often used to check abnormal results from a mammogram.

Breast MRI

We are proud to offer our patients the newest technology, including Computer Aided Diagnostic (CAD) software and



dedicated bilateral breast coils. Breast MRI is a sophisticated technology that uses a computer, magnetic field and radio waves instead of X-rays to produce images of the soft tissues in the body. When used in conjunction with screening and diagnostic mammography, it can provide valuable information for the detection and characterization of breast disease.

If MRI is used, it should be in addition to, not instead of, a screening mammogram. Breast MRI may also be helpful in patients recently diagnosed with breast cancer who desire breast conservation therapy or in patients with prior history of breast cancer where there is concern for tumor recurrence. Breast MRI has been proven to be more sensitive than any other