

OUR LOCATIONS



To Schedule A Mammogram Call:

256.840.4704

3D Mammography is offered at the convenient locations below.

Marshall Medical Center North

8000 Alabama Highway 69
Guntersville, AL 35976

Marshall Medical Center South

2505 US Highway 431
Boaz, AL 35957

*The Marshall Imaging Center is located on a tobacco-free campus.
Thank you for respecting the health of others.*



Visit us at mmcenters.com

MMC095 4/20

 An Affiliate of Huntsville Hospital Health System



3D MAMMOGRAPHY

3D mammography offers a 41% increase in detection rates.

That's why we made a 100% commitment to this technology.



Our investment in Marshall County is paying big dividends for local women.

The Hologic Genius™ 3D system offers the only 3D breast exam approved by the FDA as clinically superior to traditional mammography. With a 41% increase in detecting more invasive cancers, it's now the only screening method used by Marshall Medical.

This new technology is being hailed as the single greatest breakthrough in breast cancer detection in the last 30 years. The ability to adopt new technology quickly is a major benefit of Marshall Medical's role as a community-owned healthcare system.

Traditional mammography creates a single image. Due to overlapping layers of tissue inside breasts, those 2D images could produce unclear results causing false alarms or allowing cancer to be missed altogether. The new technology takes multiple images or X-rays of tissue to create a 3D picture of the breast for more accurate diagnosis.

Women with dense breast tissue in particular may benefit from clearer pictures in 3D mammography, making it easier for doctors to catch breast cancer early. It also makes the size of the cancer easier to see than on a regular mammogram. Exams done using the new equipment produce a series of detailed images allowing a better evaluation of breasts layer by layer. A mass will stand out in the scan rather than be camouflaged by dense breast tissue.

Greater accuracy means better breast cancer detection and a reduced chance of being called back for additional screenings.



What to Expect During Your Exam

The process of 3D mammography is the same as your conventional 2D exam. The technologist will position you, compress your breast, and take images from different angles. There's no additional compression required with the 3D mammography exam, and only requires a few extra seconds to receive a more accurate reading of the breast tissue.

The technologist will review the images of your breasts at the computer workstation to ensure quality images have been captured for review. A radiologist will then examine the images and report results to either your physician or directly to you.

Stereotactic Biopsy

Stereotactic breast biopsies use mammographic X-rays to locate and target the area of concern and to help guide the biopsy needle to a precise location. This technique helps ensure that the area biopsied is the exact area where the abnormality was seen on the mammogram. It is called stereotactic because it utilizes two images taken from slightly different angles of the same location. After the sample is collected it is sent to a pathology lab to determine if there are cancer cells present.

This procedure requires less recovery time than a surgical biopsy, and there is no significant scarring to the breast. It is normally done when the radiologist sees a suspicious abnormality on a mammogram that can't be felt in a physical exam.



For more details on the Hologic Genius™ 3D system visit mmcenters.com/technology.