

Why Automated Whole-Breast Ultrasound Instead of Handheld Breast Ultrasound?

We choose Automated Whole-Breast Ultrasound for several key reasons:

Automated Whole-Breast Ultrasound	Handheld Breast Ultrasound
Consistency and Comprehensive Coverage	
✓ Scans entire breast in a single sweep	Quality and coverage depend on skill and technique of sonographer
✓ Standardized scan ensuring consistent, comprehensive coverage every time	Variability in how thoroughly certain areas of the breast are imaged
Efficiency and Speed	
✓ Automated, faster scans take approximately 20-30 minutes to complete	Exams may take longer
Advanced Imaging Technology	
✓ Offers a detailed 3D view of the breast tissue	Offers only 2D images

Automated Whole-Breast Ultrasound provides a consistent, comprehensive, fast and comfortable way to screen for abnormalities, making it an ideal choice for women with dense breast tissue.

Speak with your provider today to learn about our mammography and Automated Whole-Breast Ultrasound services, and to schedule your next appointment.



Automated Whole-Breast Ultrasound

Finding hidden cancers in women with dense breasts

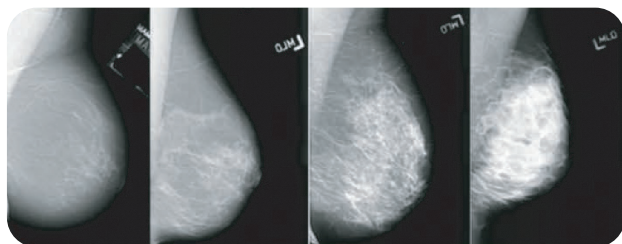


Women's Health Connecticut

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Not all breasts are the same...

Nearly 50% of women have dense breast tissue. Having dense breast tissue is normal, but puts you at higher risk of breast cancer and makes mammography less sensitive.



Fatty Breast → Dense Breast

For these women, mammography alone may not be enough to find breast cancer.

When used in combination with mammography, whole-breast ultrasound enhances the detection of cancer in dense breast tissue. The procedure takes approximately 20–30 minutes and does not require compression or radiation.

What is Whole-Breast Ultrasound?

A whole-breast ultrasound is another way of looking at the breast tissue to check for abnormalities. It uses high-frequency sound waves (ultrasound) to “see” the tissue. It’s typically performed with a screening mammogram, which uses X-rays to “see” the tissue.

In certain cases, an Automated Whole-Breast Ultrasound may not be suitable; in these instances, a handheld ultrasound may be offered as an alternative.

Who Is It For?

Whole-breast ultrasound is a good tool for women with dense breast tissue. Dense breast tissue can hide a cancer on a mammogram, but because the ultrasound uses a different method to “see” the tissue, these cancers are more easily detected using ultrasound.

What is Automated Whole-Breast Ultrasound (ABUS)?

Unlike traditional handheld ultrasounds that are performed by a sonographer, an Automated Whole-Breast Ultrasound (ABUS) uses a specialized system to scan the entire breast automatically. This innovative technology provides 3D breast ultrasound, capturing multiple cross-sectional images that are reconstructed into a three-dimensional view of the breast tissue. This ensures a comprehensive scan of the entire breast.

What to Expect During the Scan

The scan is simple and takes approximately 20–30 minutes. You will lie on your stomach on a specially designed table. After being positioned by our imaging specialist, your breast will be scanned using ultrasound technology embedded within the table.

