3D WHOLE BREAST ULTRASOUND SCREENINGS

SimonMed uses the new 3D Volumetric Breast Ultrasound technology.
When combined with mammography this helps our radiologists provide more accurate and reliable diagnoses and a better chance to diagnose breast cancer early at a more treatable stage. This is the ideal imaging choice for women with dense breast tissue.

ADVANTAGES

No radiation

15-30 min quick, painless, and comfortable exam

Reproducible and reliable automated 3D whole breast imaging designed for accuracy and follow-up

Comprehensive full-field 3D volumetric imaging and unique anatomical coronal view.

40% of women age 40 and over have dense breast.[1]

Cancer is **4-6 times more likely** in women with extremely dense breasts than in women with fatty breasts.

Mammograms can miss more than 50% of cancers in women with dense breast.

Breast Ultrasound found 7.1 more cancers than 2D Mammograms and 3.1 more cancers than 3D Mammograms.[2]

[1] *Breast density information [Internet]. American College of Radiology [Cited 2016 June]. Available from:http://densebreast-info.org/TechnologyMammography.aspx*
[2] *http://ascopubs.org/doi/abs/10.1200/JCO.2015.63.4147*

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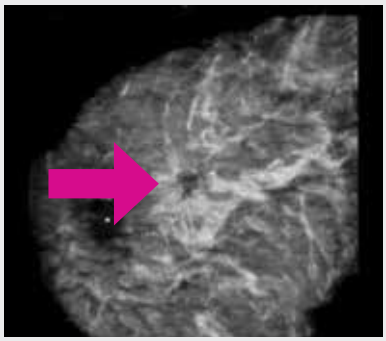
3D ULTRASOUND CASE STUDY

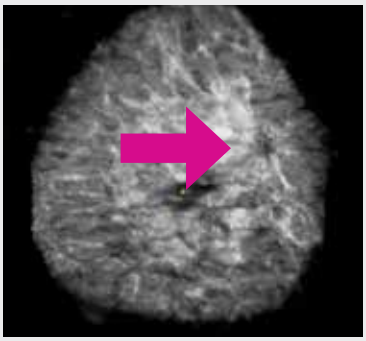
Normal Mammogram

61-year-old female
Heterogeneously dense breast

Positive 3D Whole Breast Ultrasound



Positive 3D Oblique View

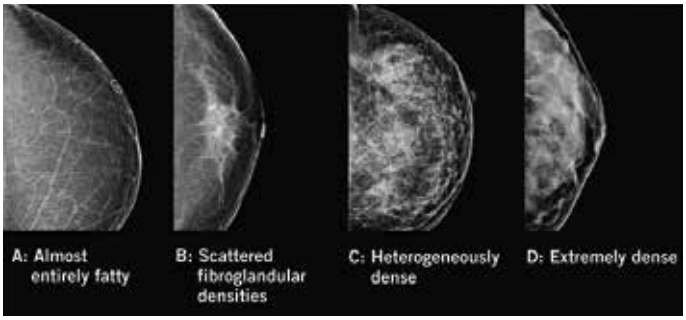


Positive 3D Frontal View

LEFT BREAST CANCER FOUND ONLY ON 3D WHOLE BREAST ULTRASOUND

ALL BREASTS ARE NOT THE SAME

Breast Density is determined through a woman's mammogram and is classified in one of four categories: A,B,C, and D. Breasts that are within the category C (heterogeneously dense) or category D (extremely dense) are considered dense.



SimonMed utilizes PowerLook, an automated breast density assessment tool for accurate and objective breast density scoring. This standardizes breast density assessment between radiologists by delivering automatic and consistent breast density results across patient populations.