SIEMENS

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3D Total Breast Ultrasound

ACUSON S2000 Automated Breast Volume Scanner (ABVS) and *syngo*.Ultrasound Breast Analysis™ (sUSBA)

Answers for life.

All Women Are Different.
So why should their treatment be the same?

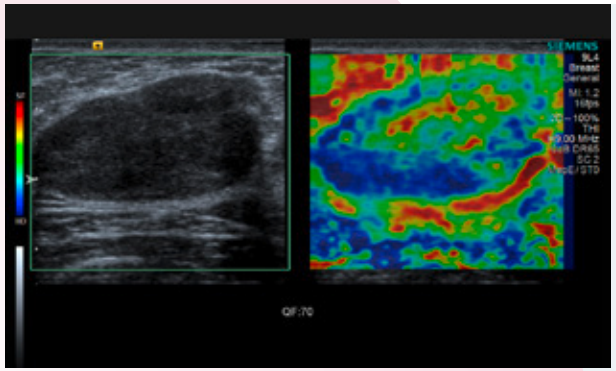
Mammography has been shown to have limited effectiveness in women with dense breast tissue.[1] Dense tissue is known to pose a higher risk than family history.[2]

3D Total Breast Ultrasound comprising the ACUSON S2000™ Automated Breast Volume Scanner (ABVS) and *syngo*® Ultrasound Breast Analysis (sUSBA), offers an industry-first solution.

It is the world's first multi-use ultrasound system which automatically and comfortably acquires full-field volumes of dense breast anatomy.

[1] Giuliano V, Giuliano C. Improved breast cancer detection in asymptomatic women using 3D-automated breast ultrasound in mammographically dense breasts. Clin Imaging. 2013 May-Jun;37(3):480-6.
[2] N Engl J Med 356;3. Boyd N.F. et Al., Mammographic Density and the Risk and Detection of Breast Cancer.

Key benefits for your patients, your practice and your bottom line

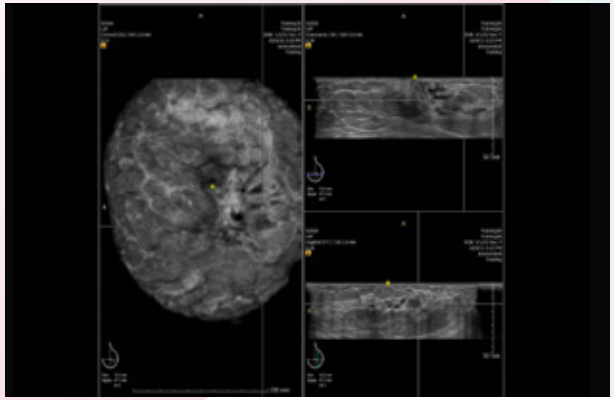


Realistic Reproducible Images

- Coronal view for a more relevant representation of breast structure
- Comprehensive full-field volume imaging from chest to nipple
- Tissue stiffness characterization with imaging and quantification

Consistency of Care

- Reduces operator dependence
- Reproducible, standardized result for accurate follow-up
- Flexible offline software solution



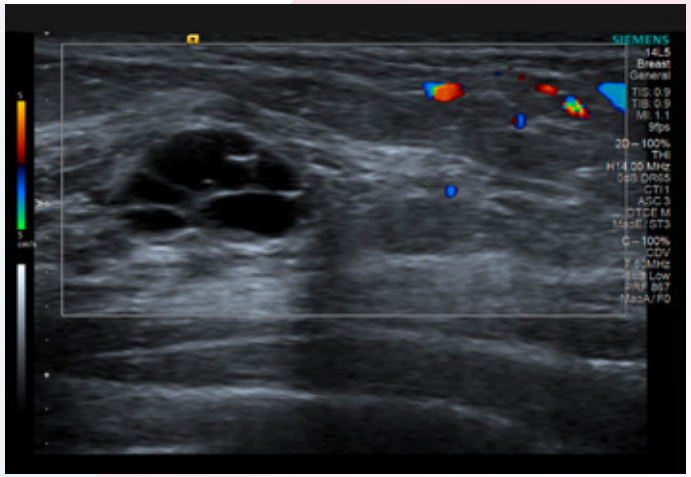
Complete Patient Service

- Multi-purpose system provides full asset utilization
- Efficient alignment of breast care continuum saves practice time
- Historical data comparison creates confident follow-up exams, leading to patient satisfaction and retention

Total 4-Quadrant Solution

2D Imaging

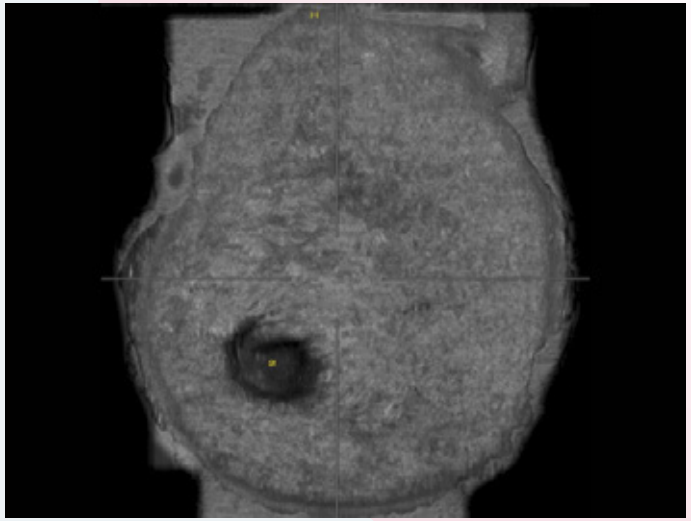
- Handheld imaging excellence from the state-of-the-art ACUSON S2000™ ultrasound system
- Excellent detail and contrast resolution for complex breast anatomy assessment and better representation of internal lesion architecture
- Biopsy-guidance and color Doppler
- Customizable optimization for specialized breast imaging or multi-purpose use, or both



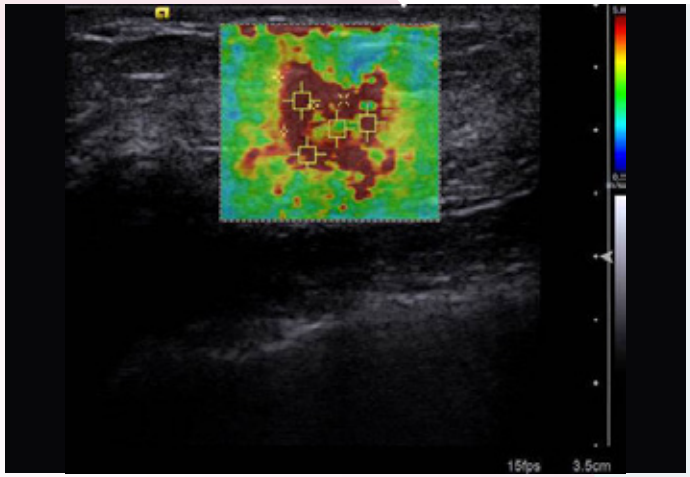
Complex loculated cystic lesion in dense breast tissue

3D Volume Imaging

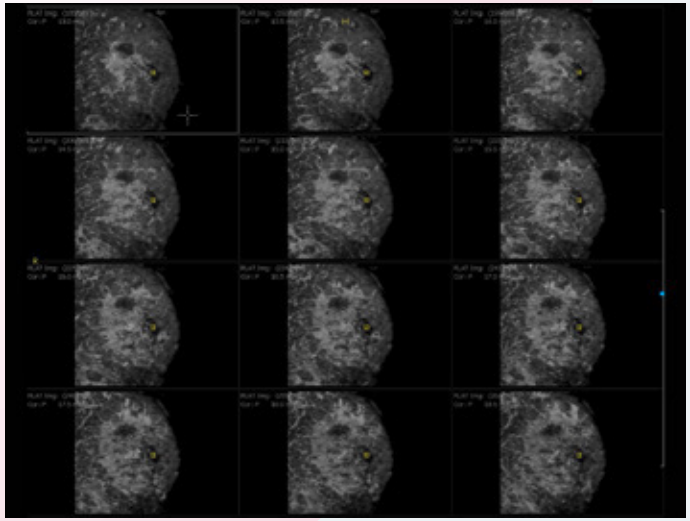
- Exceptional 3D image quality
- Unlike hand-held US, 3D allows for visualization of the coronal view of the segmental breast ductal system
- Provides context for surgical mapping



Coronal breast volume imaging



Spiculated lesion interrogated with Virtual Touch™ IQ


Lesion tracking with multi-slice coronal viewing

Pioneering Technologies

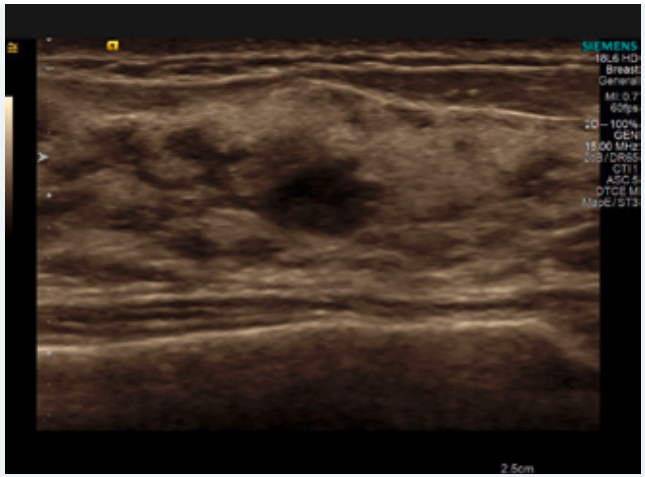
- Strain Imaging provides tissue stiffness information with industry leading technology eSie Touch™ elasticity imaging and Virtual Touch™ software
- Custom Tissue Imaging for tissue differentiation
- Multi-modality Review allows for the ability to compare to previous study results during the exam

Workflow Solution

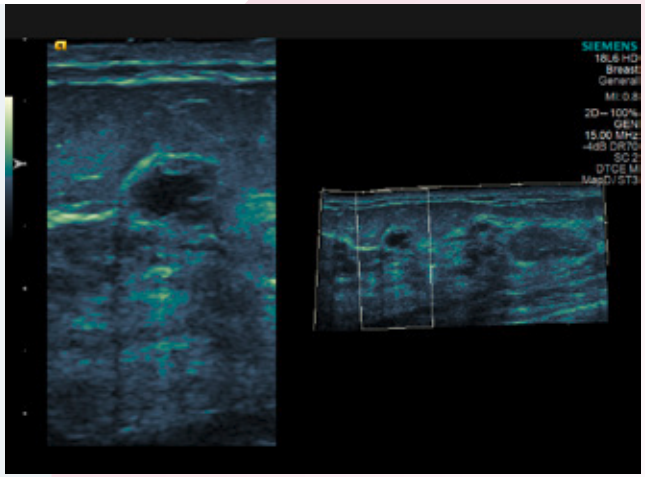
- The *syngo*.Ultrasound Breast Analysis (sUSBA) is a software – only solution with fixed or floating options for varied needs
- Allowing manipulation of acquired 2D and 3D data while providing comprehensive BI-RADS® US reporting capability
- Client-server flexibility for facilitated workflow

Total 4-Quadrant Vision

2D Imaging

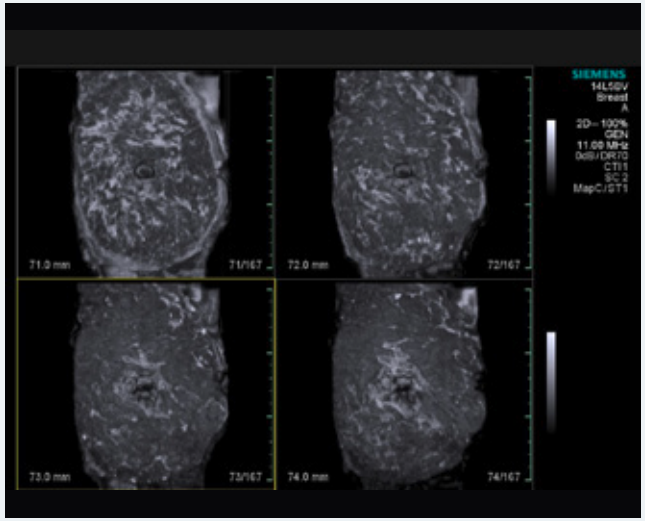


Inhomogenous lesion within dense breast tissue

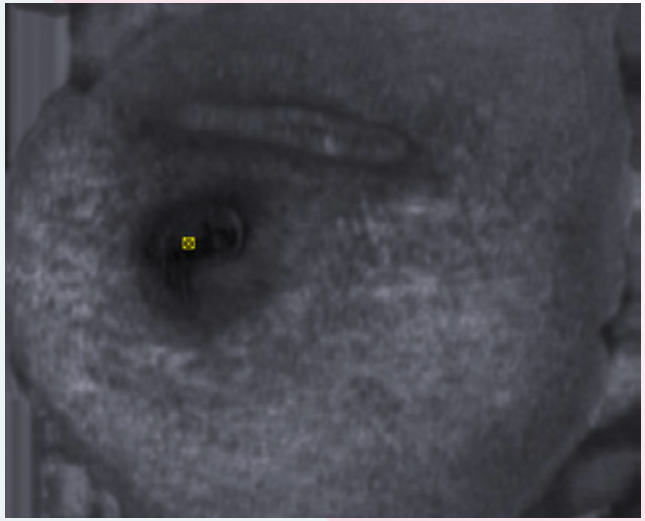


Localization of complex cystic lesion with cine panoramic imaging

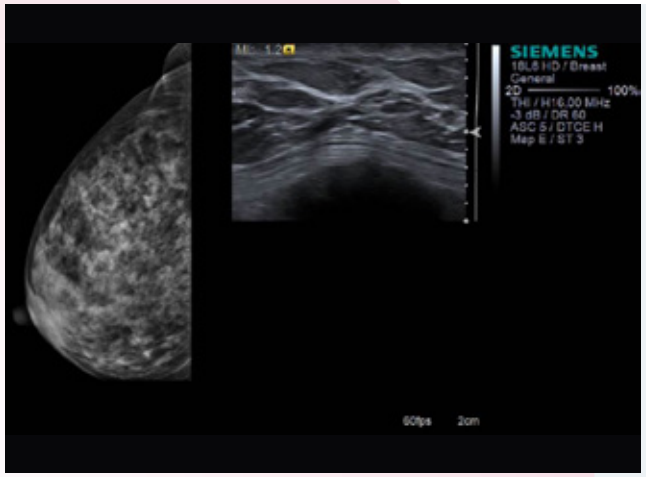
3D Volume Imaging



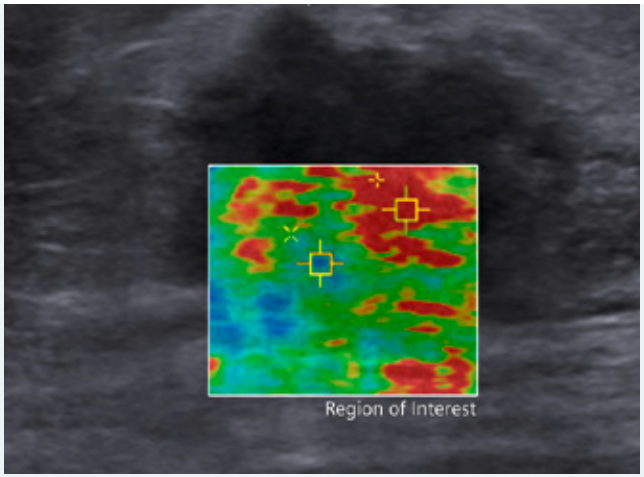
MultiSlice coronal sections at depth



Coronal breast volume imaging demonstrating breast scar

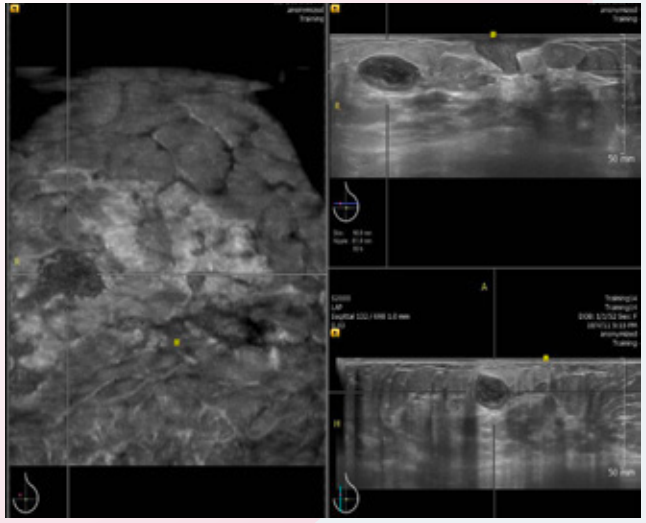


Mammography and real time ultrasound displayed side by side with Multi-modality Review

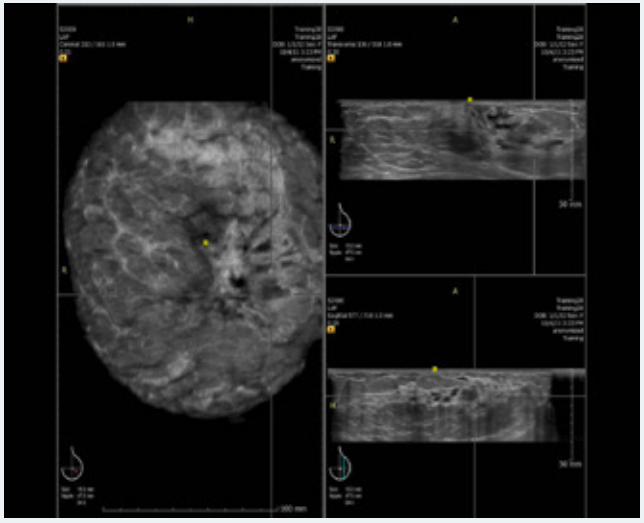


Spiculated lesion interrogated with Virtual Touch IQ

Pioneering Technologies



Ill-defined superficial complex lesion identified in orthogonal planes



Simultaneous multi-planar breast image visualization

Workflow Solution

The products/features mentioned in this document may not be commercially available in all countries. Due to regulatory reasons their future availability cannot be guaranteed. Please contact your local Siemens organization for further details.

Standalone clinical images may have been cropped to better visualize pathology.

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