LOGIQ E9

Breast Imaging Solutions

Increased confidence comes standard with every system

Use ultrasound in new ways. The LOGIQ® E9, powered by **Agile Acoustic Architecture**, offers an array of advanced features and tools to help detect and characterize breast lesions more efficiently and with increased certainty.

Imagine achieving greater image uniformity at high frequencies. Viewing your live ultrasound image next to the patient's previous mammogram or MRI study. Seeing planes previously unattainable with traditional 2D imaging. Minimizing patient anxiety through reduced scan time and less need for rescans. These are just some of the many benefits the LOGIQ E9 has to offer to help improve breast imaging.

Acquire extraordinary images with a high level of clarity

LOGIQ E9 **E-Series** matrix array high frequency transducer technology combined with Agile Acoustic Architecture give you more image uniformity, spatial and contrast resolution. The ML6-15 transducer has a broad bandwidth which helps when scanning both deep and superficial structures on any size patient. E-Series transducers help you to visualize even the smallest breast structures with amazing detail.

Easy workflow so you can focus more on your patient

LOGIQ E9 gives you tools to help efficiently complete quality breast exams in less time, without sacrificing patient care. **Multi-Modality Query Retrieve** puts an end to running back and forth to view previous breast MRI or digital mammography images. It allows you to view multiple modalities side-by-side with the real-time LOGIQ E9 ultrasound image to help you correlate the data.
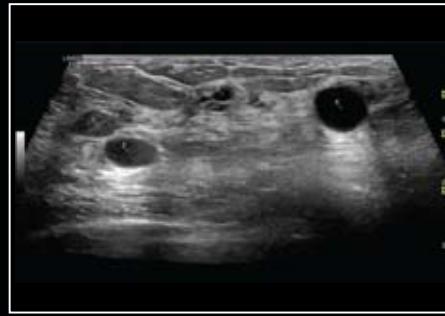
Raw Data is captured on every exam and allows you to separate acquisition from data from evaluation and interpretation:

- Modify gain and dynamic range
- Perform measurements and add/edit annotations
- Adjust time gain controls
- Apply image processing techniques after the scan
- Generate a volume data set from a cine loop and visualize the coronal plane
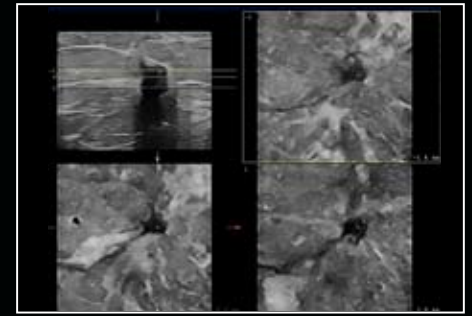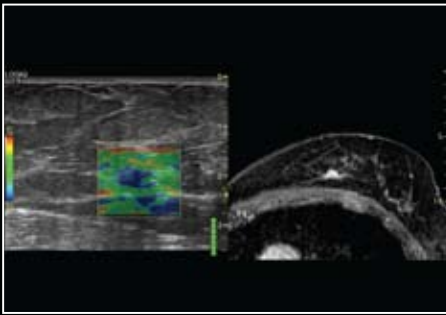
The volume of this breast mass is calculated using the VOCAL tool with the RSP6-16 high-frequency volume transducer
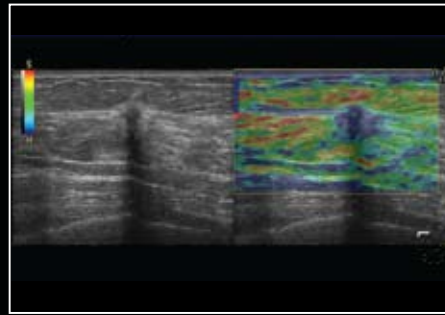

The high-frequency ML6-15 matrix transducer with CrossXBeam,™ Harmonics, and SRI-HD, is used to image this multi cystic breast with simple and complex cysts. The Volume Navigation GPS feature assists in lesion tracking and documentation

The spiculations on this malignant breast mass are easily visualized from the C-plane reconstructions using the RSP6-16 high-frequency volume transducer with TUI, SRI HD and Harmonics

This elastography image taken with the ML6-15 transducer is fused with the patient's previously acquired MRI using Volume Navigation correlating information from this suspicious lesion

This elastography image displays a stiff lesion pattern providing additional information about the extent of the lesion, using the ML6-15 transducer with SRI HD and Harmonics

The LOGIQ E9 onboard Multi-Modality Query Retrieve feature was used to correlate this fibroadenoma with the digital mammography finding

Expert tools for advanced breast care

LOGIQ E9 advanced tools can provide valuable information to further increase confidence for patient management decisions.

LOGIQ E9 **Elastography** is a new method to evaluate tissue stiffness which can provide additional diagnostic information. This tool incorporates features that help make Elastography easy to use and a more reproducible technique.

Volume Ultrasound allows you to see breast tissue in planes that have previously been unattainable. With the high frequency linear volume transducer, you can visualize the C-plane for better delineation of contours, margins and overall architecture of breast lesions.

Volume Navigation technology combines the advantages of Volume Ultrasound with an advanced navigation system. This combination enables you to perform advanced techniques such as **Fusion**, which fuses real-time ultrasound with previously acquired MR or ultrasound images. You can also visually track your position during a scan using **GPS**-like technology to help lesion monitoring and documentation.

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9900 Innovation Drive
Wauwatosa, WI 53226
U.S.A.

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