LOGIQ Fortis

Powerfully Streamlined.

Breast imaging and decision support for answers patients can trust

Clinical challenge

Detecting and characterizing breast disease, especially in women with dense tissue, can be challenging. Radiologists and sonographers need the highest quality imaging combined with productivity tools to provide definitive answers as efficiently as possible.

GE solution

The LOGIQ Fortis™ helps you make a real difference in the lives of patients with breast disease. The systems' cSound™ Architecture provides images of excellent detail and contrast resolution for greater diagnostic confidence, while new AI-based workflow tools help increase exam efficiency.

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Clinical Expectations: EXCEEDED

The LOGIQ Fortis enables clinicians to acquire extraordinary images across a broad spectrum of patients combined with extended flexibility. The system's next-generation image platform delivers high penetration power.

Auto-optimized images: The cSound Imageformer combined with new Advanced Speckle Reduction Imaging (SRI) — continuously delivers top-to-bottom focus, with high spatial and contrast resolution. Images of extraordinary quality are quickly acquired, with an efficiency that particularly benefits technically challenging cases.

Micro Vascular Imaging (MVI): High-definition flow mode helps clinicians identify tiny vessels in lesions and lymph nodes.

Variety of high-performance probes: Select from E-Series and XDclear™ probes, including high-frequency and matrix probes designed for breast applications.

The LOGIQ Fortis provides robust tools that give clinicians a new level of confidence in their diagnostic decisions.

2D Shear Wave Elastography: Enables non-invasive assessment of lesion stiffness in breast while integrating smoothly with department workflow. Now available with a Shear Wave Elastography Quality Indicator to support confident measurements. Strain elastography is also available for semiquantitative tissue assessment.

Compare Assistant: Enables clinicians to easily view a prior study – ultrasound, mammography, CT or MR – and compare with current images in real time via a split screen on the monitor, helping to improve confidence and exam efficiency.

Volume Navigation with Fusion Imaging: Merge real-time ultrasound with a volume DICOM® MR dataset to facilitate second-look examinations and fusion guidance of biopsies of masses seen on MRI but not on ultrasound. Datasets from Invenia™ automated breast ultrasound system (ABUS) can also be merged via Fusion Imaging.

Contrast-Enhanced Ultrasound: Get a clear picture of tissue structure and suspicious mass vascularity by optimizing the balance between penetration and resolution for improved contrast sensitivity. Using TIC and the raw data cine clip, clinicians can easily analyze the speed, intensity and dispersion of contrast microbubbles to assess wash-in/wash-out curves of multiple regions of interest.
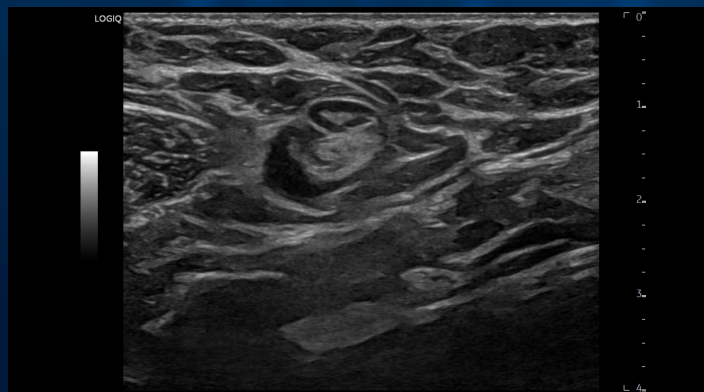
B-Mode with Advanced SRI axillary lymph node, ML6-15-D

Productivity & workflow: OPTIMIZED

The LOGIQ Fortis can help breast imaging departments reduce the time required for evaluation of breast lesions while improving standardization in the reporting process.

Breast Productivity Package: This software automates the labeling, measuring, and description of breast lesions; integrates the BI-RADS® lexicon to enhance structured reporting; auto-populates exam findings; and creates a summary report with relevant information for easy review.

Breast Assistant, powered by Koios DS™: This AI-based decision support tool provides quantitative risk assessment aligned to a BI-RADS category.*

Auto Lesion Segmentation: This AI-based productivity tool automatically traces lesion boundaries and generates two-dimensional measurements with just a few keystrokes.

EZ Imaging: Enhance workflow with customizable probe pre-sets, simplified touch panel to reduce operator interactions, and quick patient set-up, resulting in 32% less time with 38% fewer keystrokes.[1]

Raw Data: Users can apply a wide variety of image processing and quantification after the exam and while using Compare Assistant.

DICOM® SR/linked image: Structured reporting formats feature embedded measurements and link directly to ultrasound images to add efficiency and precision to workflow.

*Not available in all regions.
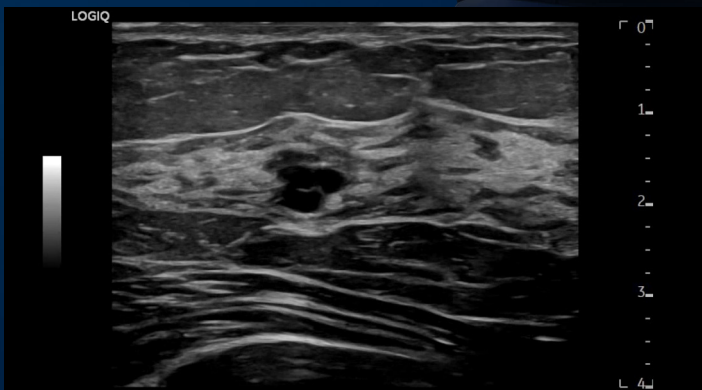
B-Mode breast lesion in dense tissue, L3-12-D
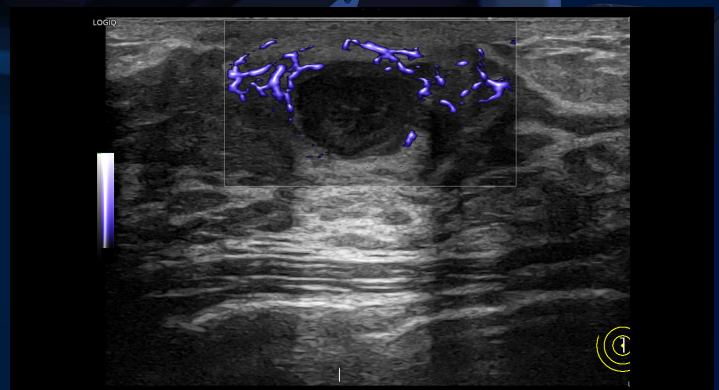
MVI with Radiant*flow* around a breast abscess, ML6-15-D

Your investment: MAXIMIZED

LOGIQ Fortis helps clinicians streamline their workflow, ensure accurate results, and enhance patient comfort. Its productivity tools help facilitate diagnoses and its design makes it easy to clean and simple to operate

A to A digital platform: Stay at the forefront of clinical imaging with our A to A digital platform, specifically engineered so you can add next-generation capabilities in the years ahead.

Familiar user interface: The new LOGIQ Fortis offers greater functionality while maintaining the ease of operation and satisfying user experience that has become a hallmark of LOGIQ interface design.

SonoDefense: GE Healthcare's multi-layer approach to cybersecurity helps keep the systems safe and functional in the face of cyberthreats and helps protect patient data from unauthorized access.

Lifecycle solutions: Wide choice of efficiency tools to help users, administrators, and operations staff improve productivity, including remote preset management, performance analytics, software/security updates, live clinical training, and advanced system diagnostics.

1. Based on an internal GE study. Data available upon request.