



GE Healthcare

PRESS RELEASE

GE Healthcare Launches Enhanced LOGIQ Ultrasound Systems to Enable Next Generation of Volume Ultrasound; New Features Redefine Clinical Workflow

Real-time Volume Acquisition Enables Faster, More Consistent Patient Exams and Fewer Re-Scans

Düsseldorf, November 16th, 2005 -Continuing its commitment to annual breakthroughs in ultrasound imaging, GE Healthcare announced today new features for its industry-leading LOGIQ® systems that allow clinicians to acquire, optimize and analyze volumetric images to improve productivity and help increase exam accuracy. The new features redefine clinicians' workflow, modeling a "scan and read" workflow of magnetic resonance (MR) and computed tomography (CT). These new enhancements are on display this week at the 91st annual meeting of the Radiological Society of North America in Chicago.

New For LOGIQ 9

GE has re-imagined ultrasound image quality for its premium LOGIQ 9 ultrasound system with High Definition Speckle Reduction Imaging (SRI-HD), an adaptive, real-time software algorithm that reduces the speckle artifact inherent to ultrasound imaging and improves contrast resolution.

For the first time ever on the LOGIQ 9, GE is offering SonoErgonomics™ features such as a new flat panel monitor and a fully adjustable arm, offering clinicians the flexibility to position their screen for the most comfort while scanning.

GE is also introducing two new volume ultrasound transducers for the LOGIQ 9 system, the 4D16L and 4D8C. The 4D16L is the only high-frequency 4-D transducer available today, specifically designed for breast imaging. This new transducer enables clinicians to visualize the coronal plane and to acquire accurate measurements to better characterize a breast lesion. The 4D8C transducer is specially designed for neonatal and pediatric applications, which is especially beneficial to quickly and accurately scan a patient in the neonatal intensive care unit (NICU), a fragile environment where speed matters.

GE has enhanced its real-time 4-D ultrasound offerings with volume contrast imaging, inversion mode and volume calculations (VOCAL). These new offerings enable easier and more accurate volume ultrasound imaging. GE has also expanded its offerings for vascular ultrasound users with a new ergonomically designed, high-performance vascular transducer, the 9L, and a premium sound system, enabling clinicians to see and hear more in a vascular exam.



New for LOGIQ 7

For the first time on the LOGIQ 7 system, GE offers real-time 4-D imaging enabling clinicians to view all three planes simultaneously in real-time. GE also has enhanced its vascular offering by improving LOGIQ 7's exclusive B-Flow color, magnifying blood reflectors to show true hemodynamic flow in color without the color overwrite or frame rate impact experienced with traditional color Doppler. GE's LOGIQ 7 shared service system provides a full range of general imaging applications including abdominal, small parts, surgery and vascular, as well as a full suite of applications to support the growing number of cardiovascular procedures.

GE also is offering new SonoErgonomics features for the LOGIQ 7 including a new flat panel and adjustable arm options providing clinicians with more comfort during patient exams.

Additionally, GE offers a comprehensive set of quantitative tools to provide more precise methods for analyzing data, including Tissue Velocity Imaging (TVI), Tissue Velocity Doppler (TVD), and Q-Analysis, which use numerical scores and mapping techniques to help increase diagnostic confidence.

New for LOGIQworks™

Also available with both the LOGIQ 7 and LOGIQ 9 systems, GE's LOGIQworks workstation offers clinicians the ability to see more in less time with GE's Volume Imaging Protocol (VIP). In a busy ultrasound practice, clinicians are constantly balancing time and resources to review a large volume of cases. LOGIQworks integrates GE's exclusive LOGIQ® software and proven Centricity™ multi-modality DICOM workstation to give clinicians a single integrated system, offering unprecedented clinical efficiency, flexibility and productivity.

By popular demand, GE also is introducing LOGIQworks FX, a software plug-in that brings the special effects of LOGIQworks to an existing RA600 workstation. This offers clinicians the power of raw data and volume image processing without the need for an additional workstation.

“GE Healthcare's annual technology breakthrough strategy allows LOGIQ customers to stay at the forefront of ultrasound and patient care. This year's breakthroughs are focused on dramatic improvements in image quality, increasing clinician & sonographer comfort and enhancing productivity,” said Terri Bresenham, vice president and general manager of GE Healthcare's global Diagnostic Ultrasound and IT business. “These product innovations make our LOGIQ ultrasound systems a smart technology investment today and in the future.”