

## NEWS BRIEF

**Making ultrasound for everyone, everywhere a reality by enabling new uses, new users, and new geographies. At RSNA 2017, GE Healthcare Ultrasound is showcasing its continued advancements in Ultrasound technologies and solutions that realize this vision.**

**LOGIQ™ S8 XDclear™ 2.0:** This ultrasound system delivers superb images, from routine cases to the technically challenging. It is designed for a wide range of applications including abdominal, small parts, breast, vascular, OB/GYN, cardiology, pediatrics, musculoskeletal, urology and more. It balances performance with portability.

Chronic liver disease affects more than one billion people worldwide, with rates of incidents and deaths on the rise. Now integrated with Echosens' FibroScan® technology together with Shear Wave technology, the LOGIQ™ S8 XDclear™ 2.0 gives clinicians a new tool to quickly and non-invasively diagnose liver disease, assess fibrosis stage in chronic liver disease, and monitor treatment like never before.

**GE Healthcare will also showcase a comprehensive portfolio of ultrasound hardware and software solutions for a range of patient care solutions:**

**LOGIQ™ E9 XDclear™ 2.0:** From the pulse of the probes to the clarity of the pixels on the display, virtually every element of the imaging chain has been rethought. The LOGIQ™ E9 XDclear™ 2.0 system combines XDclear probe technology with the latest Agile Acoustic platform and display technologies. The system has already shown incredible advancements: 22% more contrast<sup>1</sup>; 99% improve spatial resolution<sup>1</sup>; 170% more image information.<sup>1</sup>

**LOGIQ™ P9:** Whether for immediate triage or a comprehensive exam, the budget-friendly LOGIQ™ P9 ultrasound system has an intuitive and personalized user interface which has 80% reduction in the number of physical keys.<sup>2</sup> This ultrasound system increases speed of exams by 32% and reduces keystrokes by 44%.<sup>2</sup> The system was recently enhanced with the ability to scan offline for up to 1 hour. This enables users to easily move the system for portable exams. Users also benefit from the system's on-board training tool, My Trainer, which helps keep staff up to date.

**Voluson™ E10 with electronic 4D, HDlive™ and Radiantflow technologies:** GE's latest Voluson™ system encompasses the most advanced imaging capabilities combined with efficiency and security features to help clinicians provide confident patient answers, faster. The curved matrix electronic 4D probe is designed specifically for OB/GYN in addition to new innovative imaging technologies, Radiantflow and the next generation of HDlive™.

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<sup>1</sup> As compared to GE's LOGIQ E9 with XDclear ultrasound system

<sup>2</sup> Internal GE engineering study using standardized protocols for an abdominal exam compared with prior version GE LOGIQ P6 ultrasound system.

## GE Healthcare at RSNA 2017 Ultrasound

**Venue™:** Venue™ ultrasound is a multi-purpose, point of care system that is also well-suited to help manage patients in shock. It includes automated tools to quickly get the information needed for clinicians to make fast decisions when triaging patients in medical shock.

**Vscan Extend™:** An innovative pocket-sized, handheld, highly portable ultrasound with Wi-Fi and DICOM® capabilities that help empower healthcare professionals. Vscan Extend™ is the first GE ultrasound system to leverage the cloud to personalize the device through the GE app ecosystem. Apps are hosted in the GE Marketplace, accessible over the internet on the system, allowing clinicians to enhance their practice with measurements and protocols to customize their device.

**Invenia™ ABUS:** Automated Breast Ultrasound (ABUS) breast imaging technology has shown a 55% relative increase in detecting invasive breast cancers in women with dense breasts over mammography alone.<sup>3</sup> The Invenia™ ABUS acquisition process uses 3D ultrasound technology to comfortably and quickly image women with dense breast tissue in approximately 15 minutes with features that conform to a woman's anatomy, which helps provide patient comfort.

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<sup>3</sup> Assessing Improvement in Detection of Breast Cancer with Three-dimensional Automated Breast US in Women with Dense Breast Tissue: The SonoInsight Study. Rachel F. Brem, MD, László Tabár, MD, Stephen W. Duffy, MSc, Marc F. Inciardi, MD, Jessica A. Guingrich, MD, Beverly E. Hashimoto, MD, Marla R. Lander, MD, Robert L. Lapidus, MD, Mary Kay Peterson, MD, Jocelyn A. Rapelyea, MD, Susan Roux, MD, Kathy J. Schilling, MD, Biren A. Shah, MD, Jessica Torrente, MD, Ralph T. Wynn, MD, Dave P. Miller, MS