



RSNA Booth #8144, North Hall

ZONARE INTRODUCES L20-5 HIGH FREQUENCY ULTRASOUND TRANSDUCER AT RSNA

Company Also Showcases New Upgrade to ZS3 Platform

Chicago – December 2, 2013 – ZONARE, a leading developer of new generation ultrasound technology, will introduce the new L20-5 ultrasound transducer at the annual Radiology Society of North America (RSNA) being held in Chicago, December 1 – 5, 2013. This breakthrough transducer, based on ZONE Sonography™ Technology (ZST), has unsurpassed image resolution for a wide variety of clinical applications.

“The L20-5 is continuously focused on both transmit and receive,” said Glen Mclaughlin, PhD, chief technology officer and founder of ZONARE. “Based on next generation ZST, this new light weight, ergonomically designed transducer provides motion compensated persistence to maintain image crispness in a dynamic environment. The superb resolution of this versatile probe provides an optimally focused image from the first millimeter to the last enabling new performance levels.”

The L20-5 transducer has a 32 millimeter aperture and up to five centimeter penetration. It supports B-Mode, compounded harmonics, spatial compounded harmonics CD-Mode, PDI, dPDI, PW-Mode, HPRF, M-Mode, elastography and CEUS. It provides excellent imaging for pediatric, musculoskeletal, breast, testicle, interventional, vascular, contrast enhanced ultrasound (CEUS), advanced research and other applications.

ZST is an innovative approach to echo data acquisition and image formation. Using a small number of large “zones,” ZST acquires ultrasound data up to ten times faster than conventional ultrasound and extracts more information on each transmit receive cycle. Since the speed of sound traveling through tissue is a physical constant, ZST has a significantly faster acoustic acquisition time enabling superior imaging quality.

ZST is a Living Technology which delivers ultrasound imaging excellence based on a dynamic and open architecture that allows continual platform evolution. To this end, the company is also showcasing a significant new upgrade for its ZS3 ultrasound platform.

“The upgrade provides a number of additional enhancements, transducers and clinical options,” said McLaughlin. “For example, there are several cardiology and advanced vascular options. It also enables CEUS imaging for SonoVue GI and Definity cardiac contrast agents.”

The Cardiac Option provides cardiac calculations, CW imaging on several transducers, auxiliary CW, ECG and respiratory functions. Imaging enhancements include B-mode imaging with improved spatial and contrast resolution as well as better needle visualization and image uniformity. New transducers are the C8-3 3D, E9-3 3D/4D, P8-3 TEE multi-plane and the enablement of 5 MHz and 2MHz Aux CW transducers.

About ZONARE

ZONARE is solely dedicated to ultrasound excellence through its innovative, award-winning next generation technology which provides the platform for the company’s Living Technology designed to meet its customers evolving imaging needs. The patented design and Zone Sonography™ Technology (ZST) architecture of the z.one ultra and ZS3 platforms deliver high-end image quality and clinical versatility. ZONARE is now an independently run, wholly owned subsidiary of Mindray Medical International. For more information, visit www.zonare.com.

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