U-SYSTEMS TO SHOWCASE FIRST-EVER REVERSE CURVE SOFT TOUCH TRANSDUCER TECHNOLOGY AT RSNA

New Class of Transducer and Breakthrough Soft-Touch Features Conform to Shape Future of Automated Breast Ultrasound Ergonomics

SUNNYVALE, Calif., November 17, 2011 - U-Systems, the leader in automated breast ultrasound, will showcase its revolutionary new transducer technology designed to deliver unparalleled imaging performance and patient comfort at the upcoming Radiology Society of North America (RSNA) meeting. Developed and optimized for use with the U-Systems' somo•v® Automated Breast Ultrasound (ABUS) system, the Reverse Curve™ Technology will be shown at RSNA (Booth #9100 - North Hall) for the first time.

The ergonomic Reverse Curve Technology design conforms to anatomic curve of women's breasts for improved comfort and imaging performance during an automated 3D ultrasound exam. The Reverse Curve Technology enables convergent scan line geometry, which allows sound waves to penetrate the skin perpendicularly, minimizing beam refraction, improving penetration and sharpening focus at depth. Additionally, the Reverse Curve Technology creates uniform compression thickness across the entire breast. Greater image overlap ensures entire field-of-view imaging, increasing confidence of viewing entire breast and minimizing refraction artifacts at tissue interface.

The highlighted Reverse Curve Technology also incorporates the Soft Touch Floating Compression Membrane. Designed specifically for use with the somo•v ABUS System, the Soft Touch Membrane provides the highest exam quality with a greater level of patient comfort. It is designed to instantly adapt to woman's unique anatomy and evenly distribute pressure across the breast for a quick, comfortable exam. The anatomic shape will also expedite patient positioning for improved workflow.

"Designed to match the natural curve of women's breasts for improved comfort and image quality, the Reverse Curve Technology addresses one of the issues plaguing wide field of view breast imaging for years," said Ron Ho, U-Systems president and CEO. "Initial clinical experience with the new Reverse Curve technology has demonstrated better coverage, fewer artifacts, and improved detail resolution, resulting in more accurate automated breast ultrasound exams and increased diagnostic confidence."

The somo•v ABUS incorporates the latest, state-of-the-industry automated ultrasound technology delivering uncompromised image quality, streamlining clinical workflow, and providing unprecedented clinical confidence. FDA-cleared for adjunctive diagnostic use with mammography and in process of seeking FDA approval for screening, the somo•v ABUS is the first and only ultrasound system designed specifically for breast cancer screening.

About U-Systems
As the leader in automated breast ultrasound technology U-Systems is establishing the standard for breast ultrasound screening. The U-Systems' somo•v Automated Breast Ultrasound (ABUS) system and somo•VIEWer Advanced 3D Workstation are FRA cleared under 510(k) for diagnostic use as an adjunct to mammography. For more information about U-Systems, please visit our website at **http://www.u-systems.com**.

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