

U-SYSTEMS LAUNCHES FIRST-EVER REVERSE-CURVE CRYSTAL™ TRANSDUCER TECHNOLOGY AT SBI

Next Generation Transducer Technology and Breakthrough Soft-Touch™ Scanning Features Conform to Shape Future of Automated Breast Ultrasound Ergonomics

SAN ANTONIO, May 18, 2011 - U-Systems, the leader in automated breast ultrasound, launched a revolutionary new transducer technology designed to deliver unparalleled imaging performance and patient comfort. Reverse-Curve Crystal™ (RCC) Transducer Technology was designed and optimized for use with the U-Systems' somo•v® Automated Breast Ultrasound (ABUS) system. The announcement was made here at the 10th Post Graduate Course of the Society of Breast Imaging (SBI) Meeting, in San Antonio, May 18- 21.

As part of the launch, U-Systems introduced the C14-6XW (CXW) ultra-broadband transducer featuring Reverse-Curve Crystal™ Technology. The ergonomic RCC design conforms to anatomic curve of women's breasts for improved comfort and imaging performance during an automated 3D ultrasound exam. RCC Technology enables convergent scan line geometry, which allows ultrasound beams, or sound waves, to penetrate the skin perpendicularly, minimizing beam refraction, improving penetration and sharpening focus.

Additionally, the CXW transducer 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 CWX Reverse-Curve transducer matches the natural curve of women's breasts, providing greater tissue coverage, resulting in fewer contact artifacts and greater patient comfort," said Susan G. Roux, M.D., Medical Director of the Community Hospital of the Monterey Peninsula's Breast Care Center. "Better coverage, fewer artifacts, plus the improved detail resolution not only gives me greater confidence I'm viewing the entirety of dense breast tissue, it also increases my overall diagnostic confidence."

U-Systems also introduced its new 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.

In addition to the RCC transducer technology, the Company also showcased ABUS Scan Station and Workstation software improvements at the SBI Meeting. Developed to help radiologists simplify their reading protocol and reach higher levels of productivity, Release *One•6* features robust software improvements enabling easy and rapid access to prior exams and images, faster exam loading and customizable user- and session-specific protocols for improved workflow and batch reading efficiency.

"The transducer is such a critical part of the ABUS system. It was essential we got it right. With the Reversed-Curve technology, we are proud to address one of the issues plaguing wide field of view breast imaging for years," said Ron Ho, U-Systems president and CEO. "The CWX transducer has been specifically engineered to match the anatomical curve of a woman's breast. This will improve penetration and image quality, ultimately 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, the somo•v ABUS was developed as the foundation technology for U-Systems' ground-breaking, prospective SOMO•INSIGHT Clinical Study, the largest clinical study ever conducted by an ultrasound company.

The Study is designed to evaluate whether ABUS, in combination with digital mammography is more sensitive than a routine screening mammogram alone in detecting breast cancer in women with dense breast tissue. More than 15,000 women have participated in the study which is actively recruiting up to 20,000 women at multiple breast imaging centers nationwide. To date, the study has identified a significant number of cancers missed by mammography and detected by ABUS.

About U-Systems

U-Systems is the leader in developing automated breast ultrasound systems and the sponsor of the SOMO•INSIGHT multi-center study that will enroll up to 20,000 women at clinical study sites in the United States to determine the sensitivity of mammography and somo•v Automated Breast Ultrasound Systems (ABUS) together, compared to mammography alone for women with greater than fifty percent dense breast tissue. The U-Systems somo•v Automated Breast Ultrasound System (ABUS) is currently cleared under 510(k), indicated for use as an adjunct to mammography for B-mode ultrasonic imaging of a patient's breast when used with an automatic scanning linear array transducer. The device is not intended to be used as a replacement for screening mammography. For more information, please visit our website at <http://www.u-systems.com>.

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