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General interest press release

Acuson S3000 Ultrasound System Soars to the Top of its KLAS

Oakville, ON., February 25, 2015

Siemens Canada Limited, Healthcare (Siemens Healthcare) announces the annual KLAS report has named Siemens Acuson S3000 Ultrasound System as best in KLAS industry award winner for General Imaging in 2014.

The annual KLAS report, compiled from the feedback of thousands of healthcare providers at hospitals, clinics and physician offices throughout the U.S. and Canada issues an annual KLAS Product Comparison Report ranking vendor performance to provide impartial product ratings to help healthcare providers make informed purchase decisions.

Siemens' pioneering advances in HD imaging, ergonomics and workflow automation scored high in reliability and image quality in healthcare provider interviews. The Acuson S3000 is the latest product in the Helix Evolution – the newest iteration of the Acuson S Family of ultrasound imaging systems from Siemens.

Enhanced Image Quality along Signal Processing Pathway

The Acuson S3000 offers industry-leading ultrasound elastography and tissue strain analysis, as well as superior image quality, with noise- and clutter-free images, high-contrast resolution and clear tissue differentiation.

The new higher-frequency, curved array HD transducer with increased sensor elements and 30% larger field of view using proprietary Hanafy lens technology and Siemens' patented micro-pinless transducer technology produces clearer resolution, highest transducer signal fidelity and extraordinary image quality for better diagnosis in abdominal, pelvic, OB and pediatric work.

At the signal processing stage, SieStream core architecture, used in all Acuson S Family ultrasound systems, powers eSieImage multi-parametric optimization, which adjusts multiple aspects of gain and reduces noise in real time to produce a uniform ultrasound image that is especially suited for abdominal, obstetrics and gynecological exams. SieStream also provides 50% greater pixel density and 20% larger images in PACS than previous systems. In addition, Contrast Enhanced Ultrasound (CEUS) Technologies, including Siemens' Cadence Contrast Harmonic Imaging and Contrast Pulse Sequencing technologies, deliver improved near-field resolution, contrast agent sensitivity, tissue cancellation and analysis capabilities.

Streamlined Ergonomic and Workflow Design

And at the user interface, new, larger monitor's offer 60% greater image area for even better viewing of the Acuson S3000's high-quality HD images. Highlights of the improvements in ergonomic design include a tactile control panel to allow heads-up, no-look operation and transducers that have a smaller footprint for improved surface contact and reduced repetitive stress injuries. The functionality of the platform's user interface makes it easy for users to change system parameters or annotate images using the interface trackball and display screen eliminating the need for the sonographer to extend their arm reach and reducing the risk for repetitive strain injuries.

Improvements in workflow can be linked to Siemens' eSieScan Workflow Protocols, for example, which seamlessly guide users through each step of an exam, automatically activating modes as needed to reduce exam times and keystrokes. The addition of wireless Digital Imaging and Communications in Medicine (DICOM) reporting further streamlines daily operation. The Multi-Modality Review capability enables users to display other image types, such as MR or CT, side by side with ultrasound images on the same screen. Users can take 'multi-modality' even one step further, overlapping and synchronizing live ultrasound images with pre-recorded MR or CT images. As the user moves the ultrasound probe along the patient's body, the 3D topography of MR and CT synchronizes the real-time ultrasound image with the MR or CT image, which follows the moving probe. Registration is performed automatically, pixel by pixel, making it considerably faster (only 2 to 3 minutes) and more accurate saving scanning time.

Right for Today ... and Tomorrow

Combining cost-effective sustainability and upgradability, with strong overall performance across the entire ultrasound product lifecycle, including installation, training and ongoing support, the Acuson S3000 ultrasound imaging system offers a range of options for radiology clinics, hospitals and healthcare systems that meets their needs for today and tomorrow.

For further information on Siemens Acuson S3000 ultrasound imaging, please see <http://www.healthcare.siemens.com/ultrasound/radiology/acuson-s3000-ultrasound-system>.

About Siemens Canada

For more than 100 years the innovative ideas from Siemens have helped make Canada a better place. From the Atlantic to Pacific oceans, more than 4,500 employees in Canada work together to provide answers that last in the fields of electrification, automation and digitalization. Since it was federally chartered in 1912, Siemens has stood for innovation, quality, reliability and internationality. Sales for Siemens Canada in fiscal 2014 (ended September 30), were \$2.7 billion CAD. The company has 39 offices and 12 manufacturing/assembly facilities across Canada.

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