

Healthcare Sector Imaging & IT

Siemens Ships *syngo* US Workplace 3.5 Ultrasound Workstation Solution

Increased image analysis capabilities for cardiovascular ultrasound assessment

Mountain View, Calif., Aug. 25, 2009 – Siemens Healthcare is now shipping its *syngo*® US Workplace, Release 3.5, an intuitive, off-the-system workstation solution that delivers advanced applications for improved clinical workflow and patient care. The release offers comprehensive capabilities for cardiology, general imaging, OB/GYN, and vascular screening, including the *syngo* Arterial Health Package (AHP) for semi-automated carotid intima-media thickness (CIMT) measurements.

The *syngo* US Workplace 3.5 is an intuitive image management platform that supports instant and open access to DICOM-compliant images produced by select Siemens and other vendor ultrasound systems. This platform provides streamlined workflow and improved productivity for the clinical routine throughout the ultrasound lab or imaging department. While ultrasound images are acquired at the patient's bedside, physicians can analyze images and complete reports anytime, anywhere through a standard PC network connection.

Enhanced Cardiovascular Assessment

The *syngo* US Workplace, release 3.5 features the *syngo* Arterial Health Package (AHP), a tool that provides cardiovascular ultrasound specialists with the capability to measure carotid intima-media thickness.

"CIMT allows the assessment of a patient's cardiovascular system," said Scott Ashworth, vice president, Worldwide Sales and Service, Ultrasound, Siemens Healthcare. "Pathological studies have shown that the atherosclerotic burden in the carotid and coronary arteries are quite similar." The CIMT value is compared to normative values from the Atherosclerosis Risk in Communities (ARIC) database which have been validated and published in peer-reviewed studies.

syngo AHP builds on knowledge-based workflow to significantly enhance consistency and reliability of results and provide a calculation of a patient's vascular age with individualized results. The semi-automated measurements reduce tedious, manual measurements, allowing the exam to be performed in just 15 to 20 minutes. Moreover, physicians are provided with an intuitive, easy-to-understand tool for better communicating a patient's state of their cardiovascular health.

Clinical Versatility

The *syngo* US workplace also features other advanced applications, including *syngo* Velocity Vector Imaging™ (VVI), which allows clinicians to examine mechanical myocardial functions to determine possible dyssynchrony and fetal heart dysfunction. The *syngo* fourSight View Tool allows the visualization of 3D volumes, including Amnioscopic Rendering for photorealistic images of the unborn baby.

Customers can sign up for a free *syngo* US Workplace software trial DVD that lets them use the tool at no cost for the duration of 30-use days. Registration for the free trial offer:

- For international customers at: www.siemens.com/syngouswp
- For customers from the U.S. at: www.usa.siemens.com/syngouswp

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