The ACUSON S2000™ ultrasound system is a comprehensive imaging system engineered to meet today’s most challenging vascular imaging cases. Consistent image quality is easily accomplished through advanced features such as TEQ technology and Clarify VE technology. eSieScan™ workflow protocols save valuable time and keystrokes by automating routine vascular exam tasks so the main focus is on the patient.

**Highlights**

- **syngo® Arterial Health Package (AHP):** Features a semi-automated application for measuring carotid intima-media wall thickness (CIMT)—a reliable, non-invasive method for quickly evaluating cardiovascular risk. Normative tables that have been validated and published in peer-reviewed studies can be referenced from syngo AHP.

- **Clarify™ Vascular Enhancement (VE) Technology:** Reduces noise and artifacts to provide exceptional contrast resolution and clear delineation of micro- and macrovasculature in superficial organs and vessels.

- **Virtual Format:** Increases anatomical information at the touch of a button with trapezoidal imaging format. 2D beam-steering improves the angle of insonation especially when access is challenging.

- **SieScape™ panoramic imaging:** Provides extended field of view images acquired with real-time high-resolution grayscale or power Doppler imaging. Allows the display of the entire length of a vessel in applications such as vein mapping, providing a global view for orientation.

- **TEQ™ ultrasound technology**
  Provides single-button optimization of 2D and spectral Doppler imaging for consistent imaging and streamlined workflow.

- **DICOM Structured Reporting:** Streamlines clinical reporting by automatically transferring patient and calculation data to DICOM vascular reporting packages.

**ACUSON S2000 ultrasound system**
Powerful clinical applications for advanced vascular imaging

www.siemens.com/healthcare
Clarify™ vascular enhancement technology
- Dual image showing flow dynamics in the bulb of the common carotid artery. Exclusive algorithm enhances vascular lumen definition and eliminates reverberation artifact.

Advanced SieClear™ spatial compounding and Dynamic TCE™ technology
- Tissue borders and contrast are enhanced as seen in the spontaneous flow and venous valves in calf veins.

syngo Arterial Health Package
- Carotid intima-media wall thickness using syngo AHP to quickly evaluate cardiovascular risk.

Transcranial Doppler
- Color and pulsed wave Doppler sensitivity shown in middle cerebral artery.