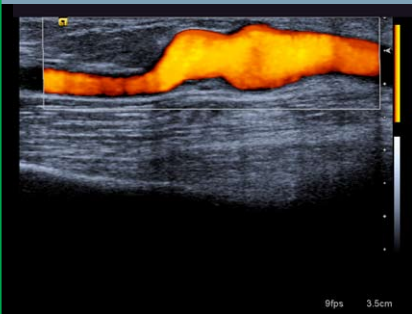


# Vascular Imaging



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.

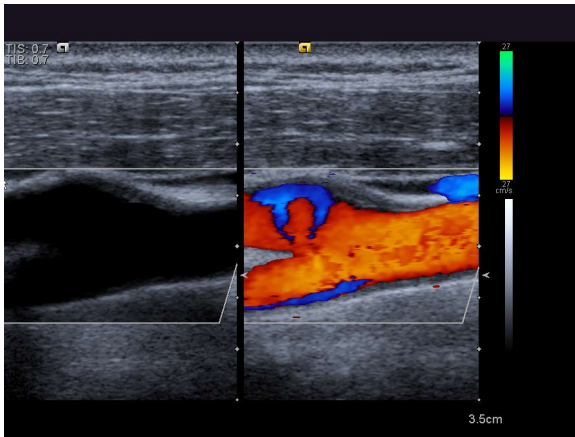
## Highlights

- 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

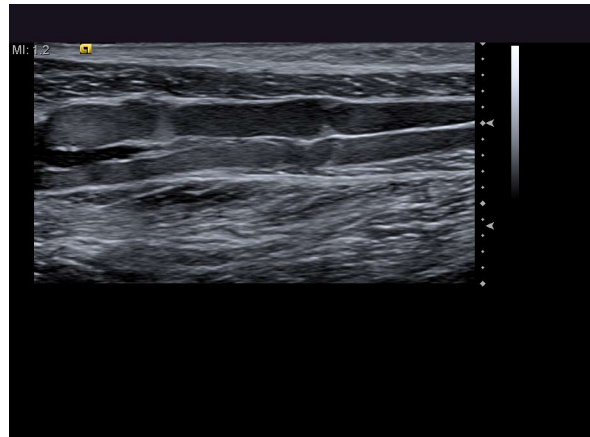
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### Clarify™ vascular enhancement technology

- Dual image showing flow dynamics in the bulb of the common carotid artery. Exclusive algorithm enhances vascular lumen definition and eliminates reverberation artifact.



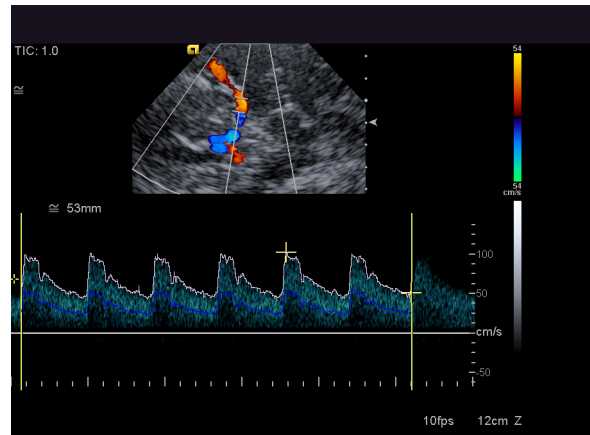
### Advanced SieClear™ spatial compounding and Dynamic TCE™ technology

- 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.

Standalone clinical images may have been cropped to better visualize pathology.

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