

Cardiac Imaging



The ACUSON S2000™ ultrasound system is an excellent solution for clinical cardiac imaging needs. Proven Siemens technologies provide unsurpassed image quality while delivering leading edge applications for even your most challenging clinical cases. The highly customizable system architecture streamlines your workflow with easy access to imaging options, measurements, calculations and reporting.

Highlights

- V5Ms TEE transducer:**
 Delivers imaging excellence in a multiplane adult TEE probe, providing cost-effective application breadth across the Siemens ultrasound portfolio.
- Stress Echo package:**
 Integrated and user programmable for streamlined cardiac workflow. Auto review and pause during continuous acquisition increase exam efficiency and optimize workflow.
- Native™ Tissue Harmonic Imaging (THI):**
 Native THI achieves imaging excellence in even the most technically difficult cases. Supports left ventricular opacification studies* (LVO) using tissue harmonics for delineation of LV myocardial borders.
- DTI™ Doppler tissue imaging capability:**
 Color and pulsed wave DTI capability processes Doppler frequency shift information from moving tissue and displays physiologic data on velocity, acceleration and energy, providing additional clinical information on myocardial function.
- syngo® Velocity Vector Imaging™ (VVI) technology:**
 Sophisticated 2D tracking algorithms provide accurate rotation, strain and strain rate calculations (longitudinal, circumferential and radial) of myocardial mechanics.
- syngo® Auto Left Heart (Auto LH) technology:**
 Uses progressive pattern recognition technology based on a comprehensive database providing expert-like measurements of ejection fraction, end diastole volume and end systole volumes of the left ventricle and left atrium.
- DICOM Structured Reporting:**
 Streamlines clinical reporting by automatically transferring patient and calculation data to cardiac reporting packages in DICOM format.

ACUSON S2000 ultrasound system
 Superior technology for today's cardiac imaging challenges

