

ACUSON S2000 Ultrasound System

When you need to know more.

Cardiac Imaging



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

Highlights

■ eSieScan Workflow Protocols

eSieScan™ workflow protocols anticipate and execute your exam based on completely customizable protocols. Automating routine tasks improves patient throughput and exam consistency.

■ Stress Echo Package

The Stress Echo Package is user-programmable for streamlined cardiac workflow. Auto review and pause during continuous acquisition increase exam efficiency and optimize workflow.

■ 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

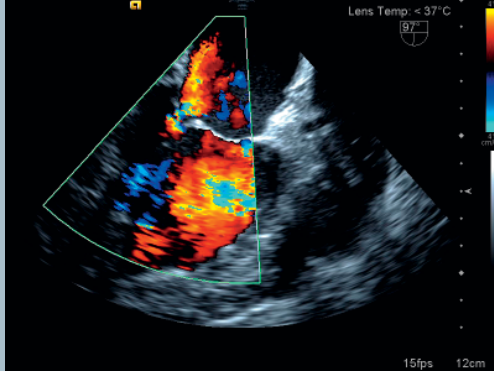
syngo Auto LH uses progressive pattern recognition technology based on a comprehensive database to provide expert-like measurements of ejection fraction, end diastolic and end systolic volumes of the left ventricle and left atrium.

■ V5Ms and V7M TEE Transducers

Multiplane adult and pediatric probes deliver imaging excellence and provide cost-effective application breadth across the Siemens ultrasound portfolio.

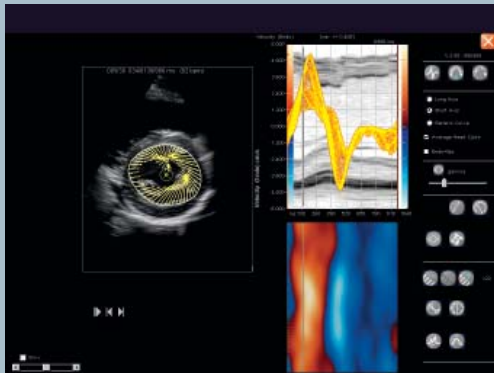
■ ACUSON AcuNav Ultrasound Catheter

The system supports ACUSON AcuNav™ 8F and 10F ultrasound catheters which enable precise, real-time visualization of anatomy and device placement monitoring during intracardiac echocardiography (ICE).



Dynamic TCE™ Tissue Contrast Enhancement Technology

Excellent color Doppler spatial resolution is displayed utilizing the V5Ms transducer.



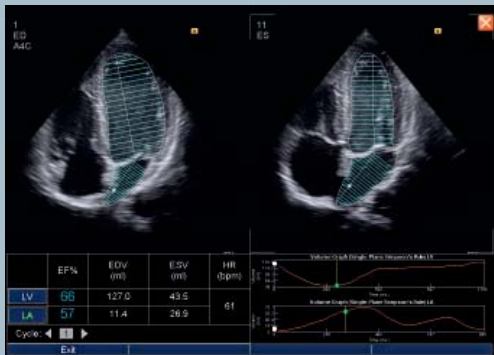
syngo VVI Technology

Rapid visualization of left ventricular synchrony assessment is displayed with vectors, velocity graph and parametric M-mode.



ACUSON AcuNav Ultrasound Catheter

Intracardiac echocardiography (ICE) with the ACUSON AcuNav 10F ultrasound catheter demonstrates blood flow through a patent foramen ovale (PFO).



syngo Auto LH Technology

syngo Auto LH automatically calculates left atrial and left ventricular volumes and ejection fractions.

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

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