



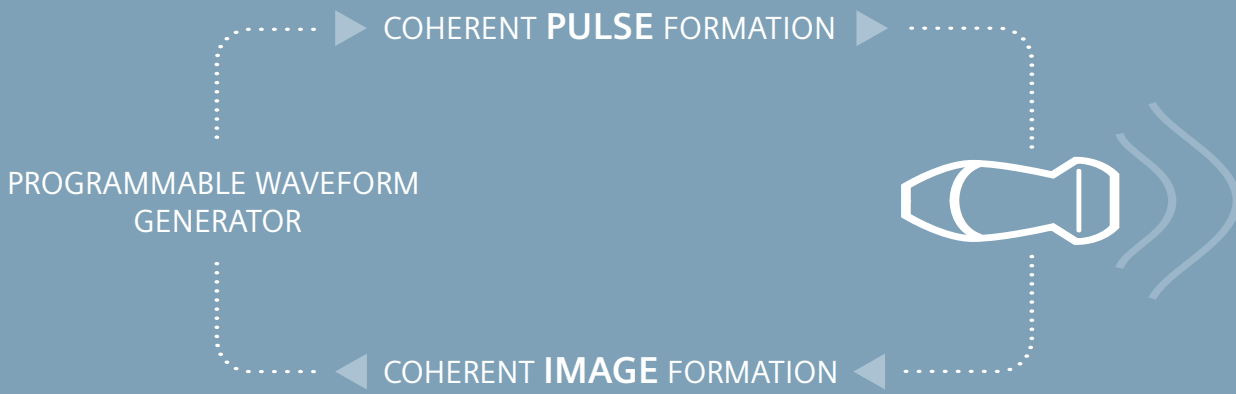
The ultimate in imaging

ACUSON Sequoia C512 echocardiography system

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Native Patient Specific Imaging Technology

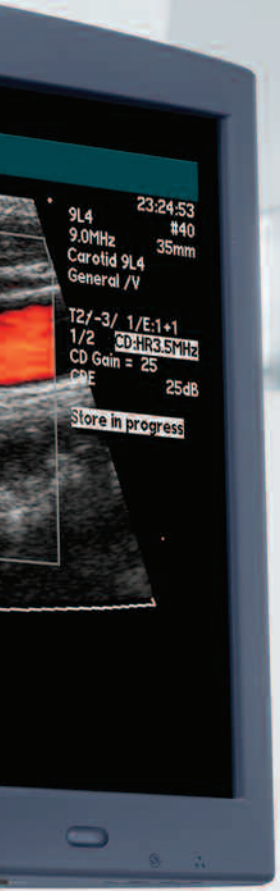


The ACUSON Sequoia™ C512 echocardiography system represents the most advanced technology in ultrasound imaging.

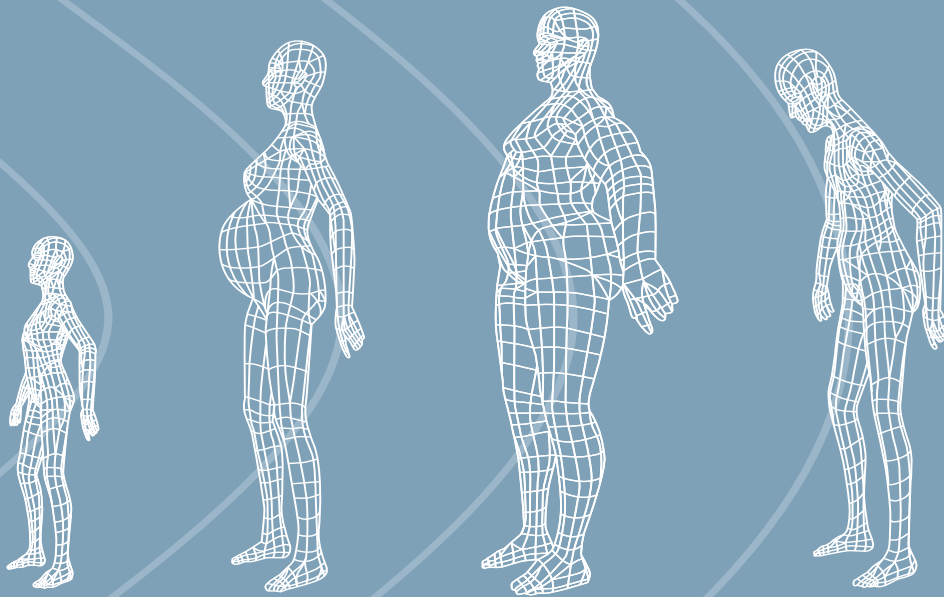
Each unique feature and innovation is designed to help you make more confident and accurate diagnoses, delivering excellent image quality and enhancing workflow, across a broad range of patient types and applications.

The Sequoia system is also engineered to help make your practice as efficient as possible. It is designed to be the centerpiece of your diagnostic or research practice, today, tomorrow and far into the future: a comprehensive, state-of-the-art ultrasound system without equal—and without compromise.





Individual Acoustic Properties



Understanding challenges
Providing answers
Improving outcomes

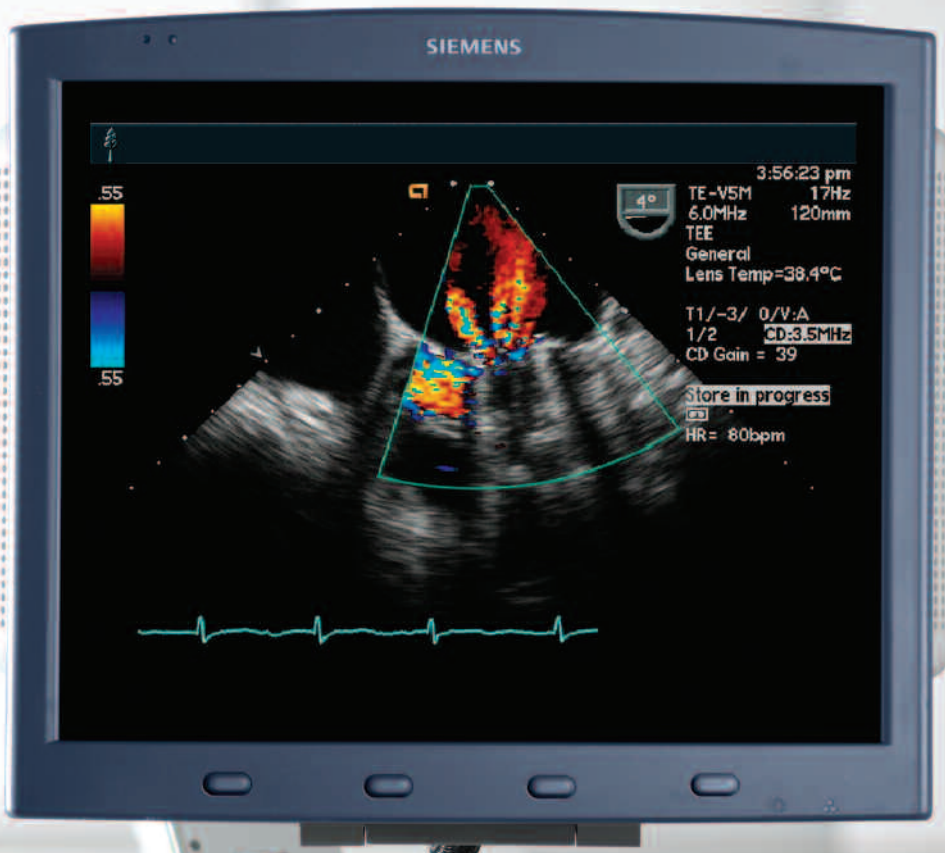
Every patient deserves the best – now, and into the future

The Sequoia system is synonymous with unparalleled imaging performance, patient after patient, in a wide range of clinical applications. Siemens continues to lay the foundation for the future of ultrasound, reaffirming our commitment

to imaging excellence and continuing innovation that places the Sequoia system at the forefront of ultrasound performance in the 21st century.

Native™ patient specific imaging adapts both phase and amplitude information to each patient's unique properties in real time, delivering consistently good image quality across a broad range of patients.

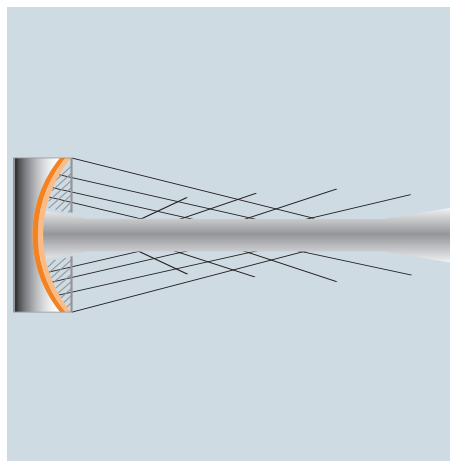




Targeted imaging for every patient's needs

The Sequoia system is designed to provide comprehensive and consistent imaging for every patient's unique acoustic properties. The Sequoia system's advanced technologies deliver greater image content, enhanced detail, superior contrast resolution and penetration, and excellent color Doppler sensitivity at depth. In short, the Sequoia system's unique range of capabilities deliver better images, with less work, for more confident diagnoses.

- ▶ Native™ tissue harmonic imaging sets the industry standard for harmonic image quality, across imaging modes, including DTI, with uncompromised image quality and frame rates
- ▶ The ACUSON AcuNav™ ultrasound catheter family provides real-time intracardiac imaging, including visualization of blood flow and of other catheters during minimally invasive cardiac procedures



Hanafy lens transducer technology generates a narrow slice thickness improving image uniformity and focus throughout the field of view



See more clearly—diagnose more confidently

To give every patient the care and diagnostic precision they deserve, the Sequoia system provides an unprecedented array of highly refined, specifically targeted imaging applications, all in one ultra-premium, versatile platform. Powerful new clinical applications let you make the most of your ultrasound system and transform your data into real clinical decisions.

- ▶ *syngo*® Arterial Health Package
- ▶ *syngo*® Velocity Vector Imaging™ technology
- ▶ *syngo*® Auto Ejection Fraction
- ▶ *syngo*® *fourSight*™ TEE view
- ▶ *syngo*® Mitral Valve Assessment
- ▶ *syngo*® Quantitative Synch Tool
- ▶ Cadence™ contrast pulse sequencing technology*



A comprehensive approach to stress-free scanning

With the Sequoia system, we take ergonomics and operator comfort just as seriously as we take imaging performance. New transducer designs and workflow improvements optimize your time at the system and help decrease repetitive stress.

- ▶ The articulating arm with a high resolution 19-inch flat-panel display provide optimal monitor placement and enhanced image quality in all lighting situations for greater operator comfort

Improved transducer design and unrivaled imaging performance reduce the hand pressure required to obtain a good image, especially on technically difficult-to-image patients

- The new 9L4 Multi-D™ array transducer provides a single vascular solution complete with Triplex and Virtual Format imaging
- MultiHertz™ multiple frequency imaging provides broad bandwidth for independent frequency selection, eliminating the need to change transducers during exams





Streamlined workflow, from acquisition to archive

The Sequoia system's advanced technologies are designed to make image acquisition easier, reduce exam time and increase your department's overall efficiency. Embedded DICOM advances workflow by easily integrating patient data into both local and hospital-wide networks.

- ▶ Native TEQ™ ultrasound technology instantly provides repeatable, consistent image quality reducing exam time, inter-operator variability, and operator hand motion
- ▶ Proven system design enhances workflow throughout acquisition, retrieval, and archiving

The Sequoia system's onboard CD/DVD drive allows far more image data to be stored on a single disc, making recording, archiving and retrieving images more efficient than ever before.



Life

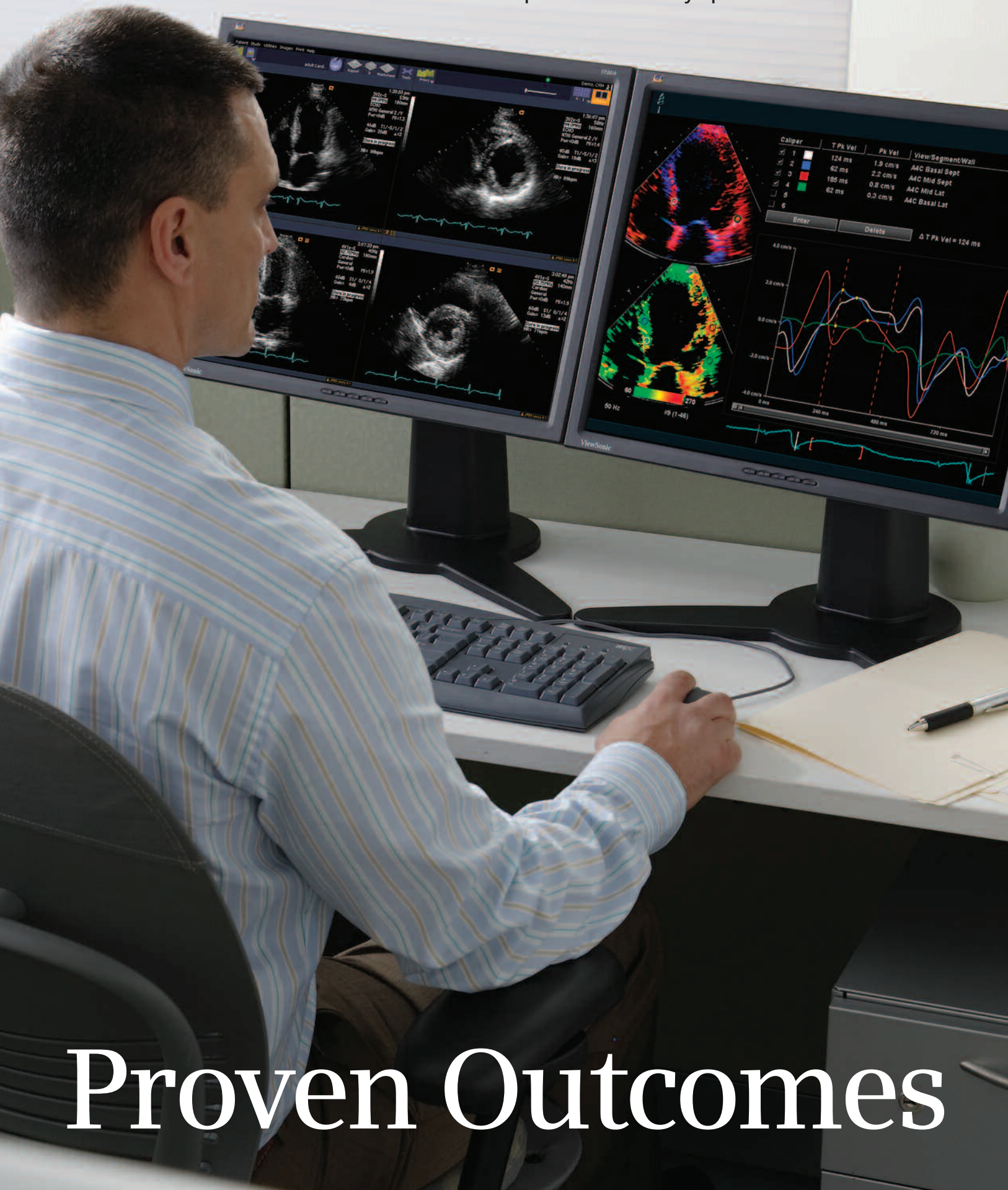
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Proven Outcomes. This is what Siemens is helping to deliver right now. Outcomes that result from truly efficient workflow. Outcomes that improve your bottom line. Outcomes that lead to a level of care that feels exceptional to the patient and the care provider. Proof positive of the value of integrating medical technology, IT, management consulting and services. In a way that only Siemens can.



We see a way to reduce image optimization time by up to 80%



Proven Outcomes

*At the time of publication, the U.S. Food and Drug Administration has cleared ultrasound contrast agents only for use in LVO. Check current regulations for the country in which you are using this system for contrast agent clearance.

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