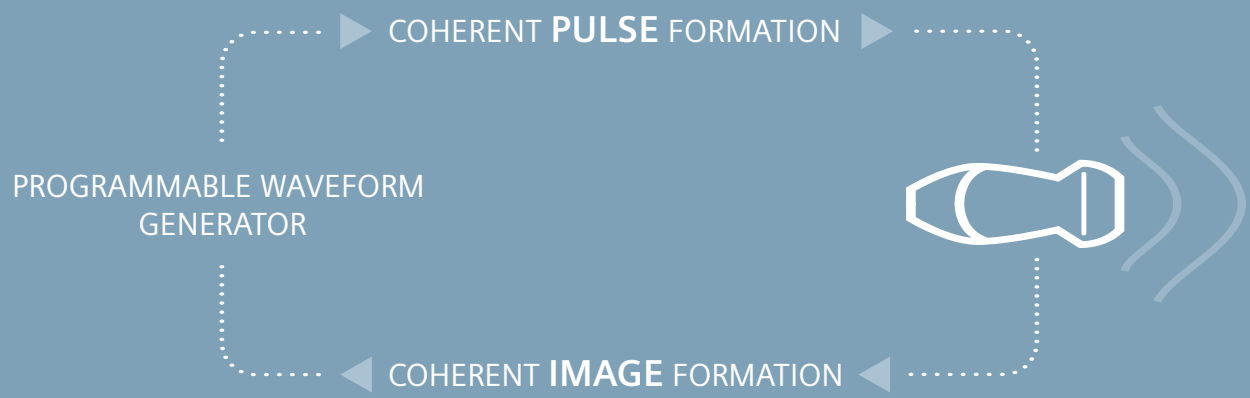
The ultimate in imaging

ACUSON Sequoia 512 ultrasound system

SIEMENS
medical

Native Patient Specific Imaging Technology



The ACUSON Sequoia™ 512 ultrasound 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.

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ACUSON Sequoia 512


23:24:53
9L4
#40
9.0MHz
35mm
Carotid 9L4
General /V
T2/-3/ 1/E:1+1
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CD:HR3.5MHz
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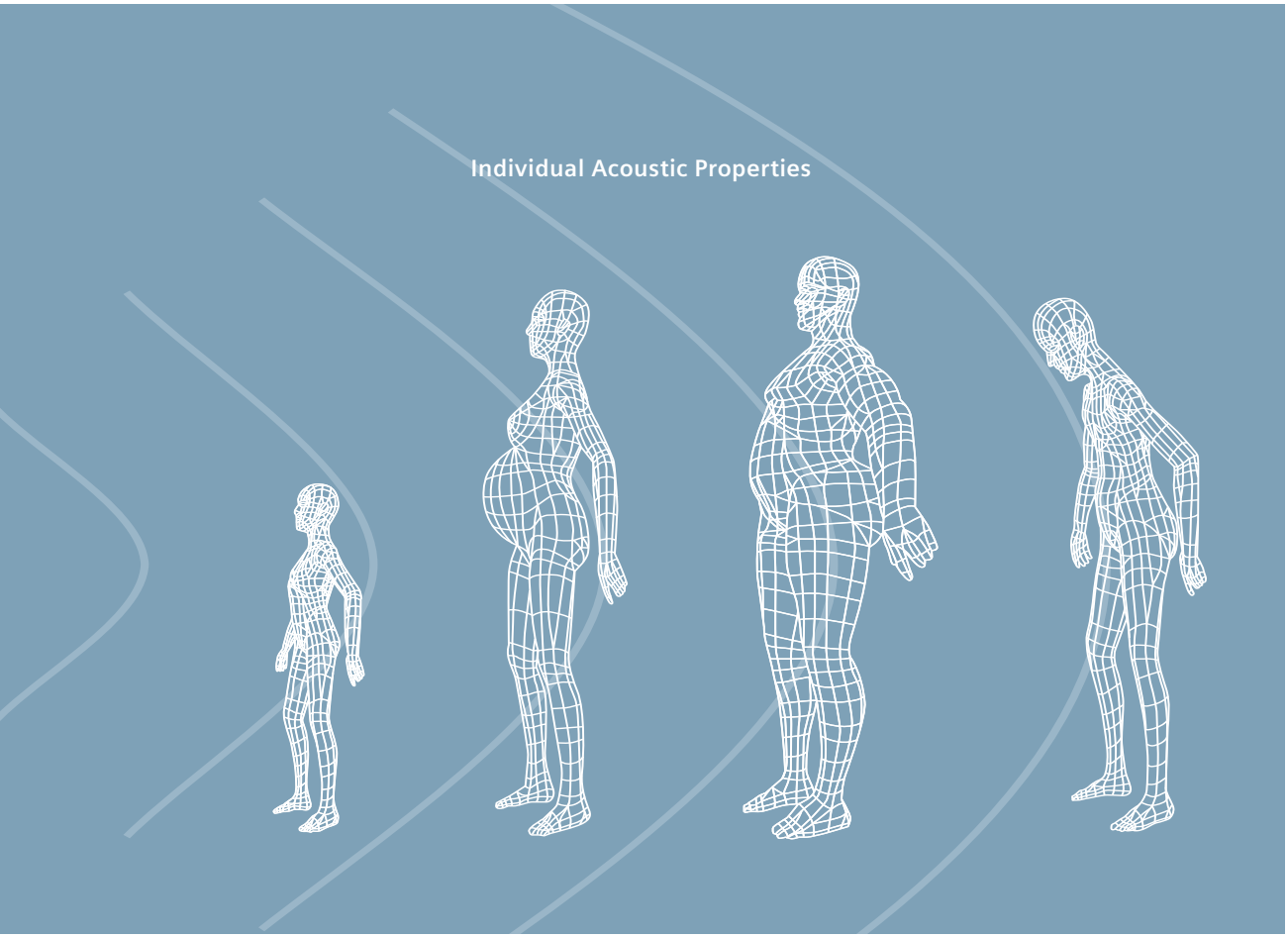

Understanding challenges
Providing answers
Improving outcomes

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.

- Advanced SieClear™ Spatial compounding applies proprietary real-time compounding techniques for unrivaled image detail, contrast resolution, and speckle reduction in all tissue types
- Native TEQ™ technology: a Siemens-exclusive image processing technology that consistently enhances image quality across all patients and clinical applications
- Cadence™ contrast pulse sequencing technology*: the industry's most sensitive contrast agent imaging detection technique utilizing both non-linear fundamental and higher order harmonics to provide enhanced diagnostic confidence

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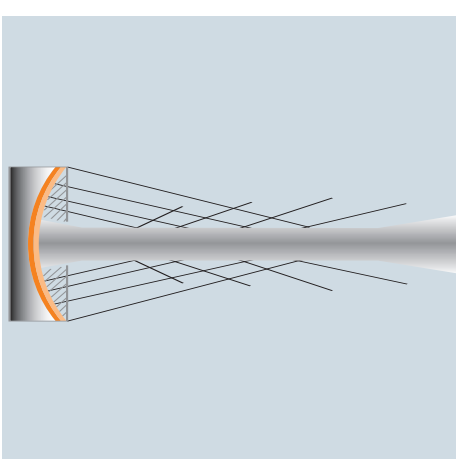
See more clearly–diagnose more confidently

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.

- Clarify™ vascular enhancement technology: a Siemens-exclusive real-time, adaptive enhancement technique that utilizes color Doppler energy data to enhance B-mode image quality
- MultiHertz™ multiple frequency imaging: provides broad bandwidth for independent frequency selection eliminating the need to change transducers during exams

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



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

ErgoDynamic Design

Patent-pending 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 17L5 HD transducer comes with the soft ElastoGrip™ ergonomic grip coating for unrivaled imaging power and ergonomic comfort
- The new 9L4 Multi-D™ array transducer provides a single vascular solution complete with Triplex and Virtual Format imaging

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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

Life is the unique customer care solution from Siemens that helps you get the most from your investment. From the moment of your purchase, Life surrounds you with an array of programs and support that enables the continuous development of your skills, productivity, and technology. Allowing you to broaden your capabilities. Increase profitability. And take patient care to the next level.

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

Sales and Service of Cardiology and Surgical Equipment and Supplies

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