SIEMENS

When You Need To Know More.

ACUSON S2000™ Ultrasound System

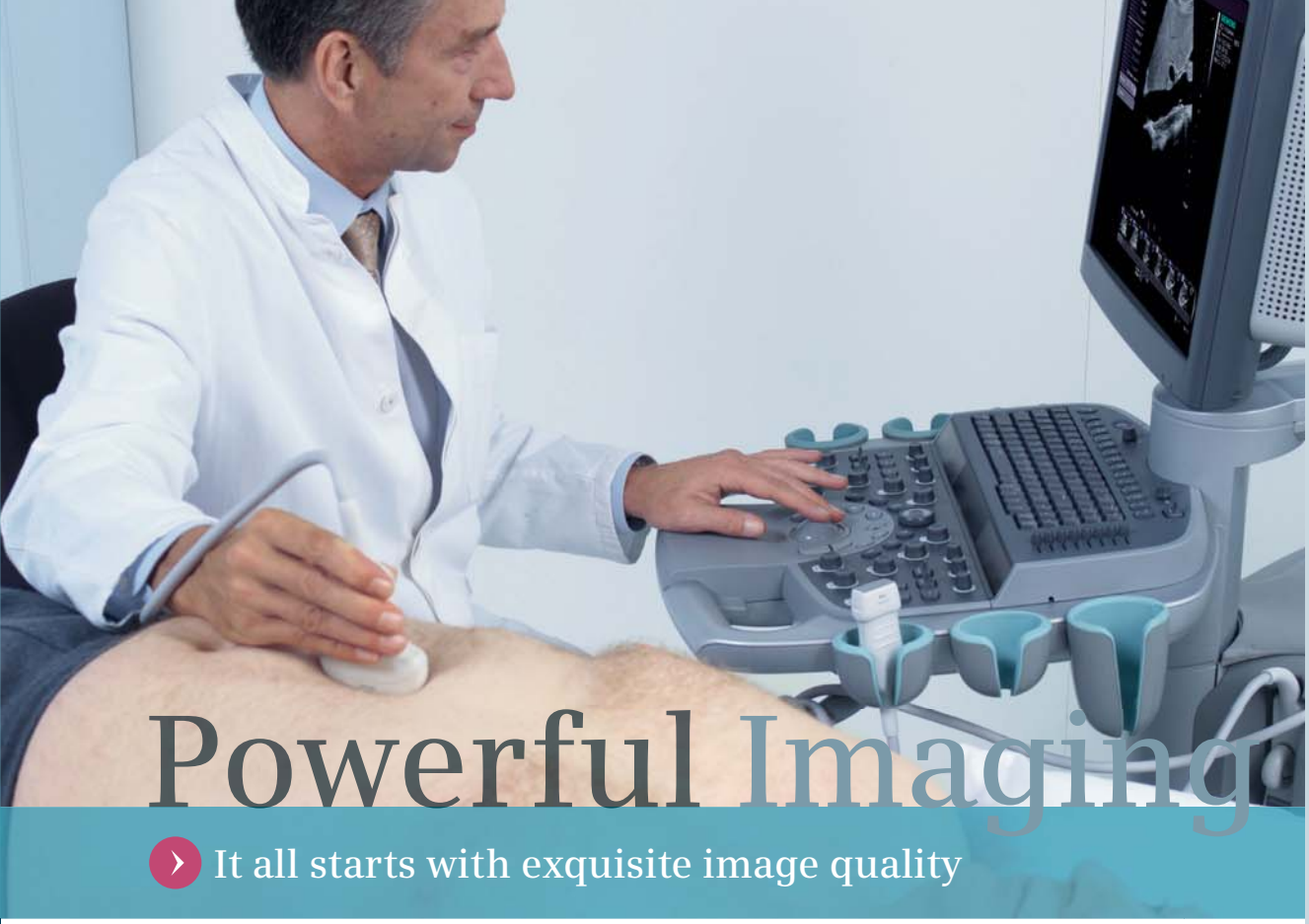
Answers for life.

Introduction

We put innovation to work.

For more than six decades, Siemens has been pioneering innovations in ultrasound technologies and applications. The ACUSON S2000™ ultrasound system builds on this legacy. The system delivers the most information from each exam for extraordinary results and the utmost diagnostic confidence, even in the most challenging cases. This premium, multi-specialty system covers the entire continuum of care from screening and diagnosis to therapy and follow-up, giving you a top-performing platform for today and in the future.

Table of Contents



Powerful Imaging

It all starts with exquisite image quality

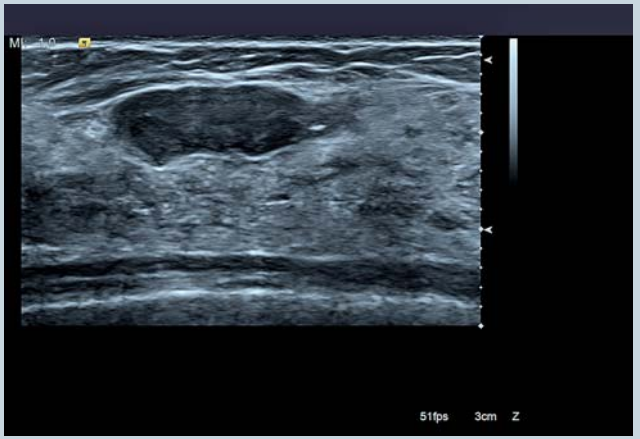
Whether trying to detect subtle lesions or penetrate deep into the abdomen of a technically difficult-to-scan patient, image quality is everything — especially when faced with complex exams. The ACUSON S2000 system delivers extraordinary image quality in both B-mode and color Doppler for unprecedented diagnostic confidence. Siemens' unique imaging technologies provide exquisite detail resolution, which enables you to distinguish the most subtle tissue detail and structures.

Outstanding color sensitivity allows visualization of slight velocity changes of blood flow to better detect abnormalities, as well as visualization of fine vessels.

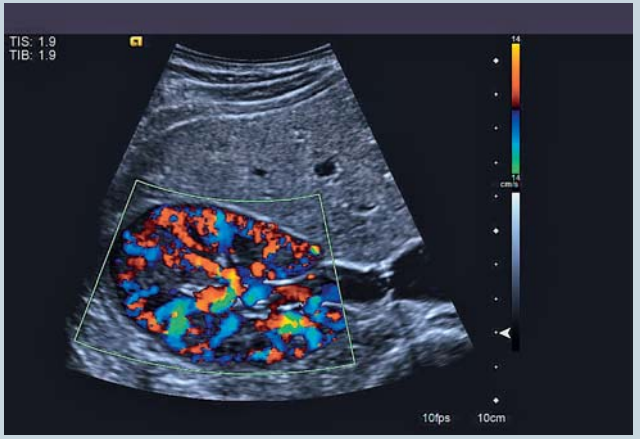
The new family of high-density (HD) element array transducers are designed to take full advantage of the system's powerful capabilities. Incorporating the most cutting edge technologies, HD transducers enable the ACUSON S2000 system to provide more ultrasound information than ever before.

Key Benefits:

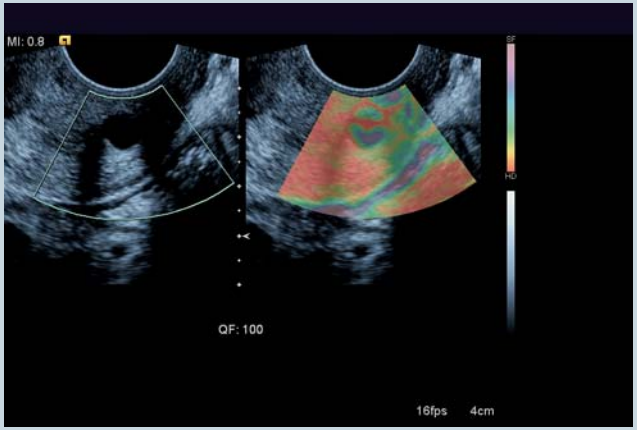
- Extraordinary detail resolution allows you to distinguish the most subtle tissue detail
- Superb color sensitivity makes it possible to visualize the subtleties of blood flow
- State-of-the-art HD transducers provide more ultrasound information than ever before



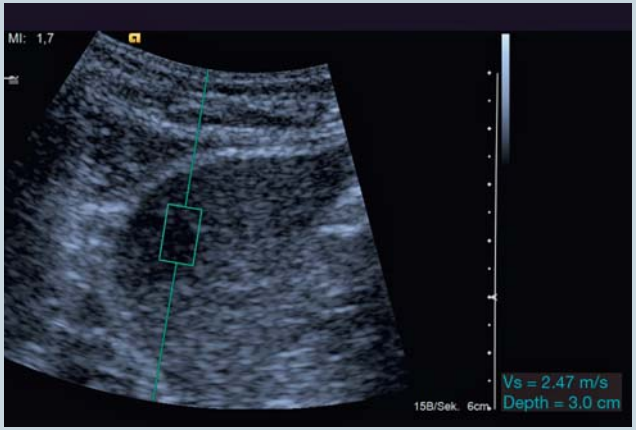
Near field differentiation of tissue and fat.



Color sensitivity, with color extending out to cortex of kidney throughout entire parenchyma.



Side-by-side comparison of B-mode image and eSie Touch elastogram of an ovarian cyst.



Virtual Touch technology provides an objective quantification of tissue stiffness.
(Image courtesy of Dr. Dirk-Andre Clevert, Munich, Germany)

Key Benefits:

- The most comprehensive suite of tissue strain applications available
- eSie Touch elasticity imaging has an extraordinary degree of sensitivity
- Unique, industry-first Virtual Touch applications leverage Acoustic Radiation Force Impulse (ARFI) technology

Siemens provides a whole new dimension of diagnostics with our comprehensive and proprietary tissue strain analytics suite. As the leader in tissue strain, the ACUSON S2000 system features traditional manual compression elasticity imaging as well as our unique and industry-first Virtual Touch™ applications.* The Virtual Touch applications leverage Acoustic Radiation Force Impulse (ARFI) technology.

- **eSie Touch™ elasticity imaging** — This Siemens-exclusive technology qualitatively displays tissue stiffness. It features a powerful algorithm that is extremely sensitive, making acquisition easier and more comfortable. It is offered on linear, curved and endocavity transducers.
- **Virtual Touch technology** — From its introduction in 2008, this ground-breaking technology has been enthusiastically embraced by clinicians worldwide. With a host of publications demonstrating the clinical value of assessing the severity of liver fibrosis and lesions, Virtual Touch delivers both detailed quantification and qualitative imaging of tissue stiffness. Virtual Touch technology can also help differentiate between malignant and benign lesions by identifying relative tissue stiffness.

*Not commercially available in the USA.

Penetrating Insight

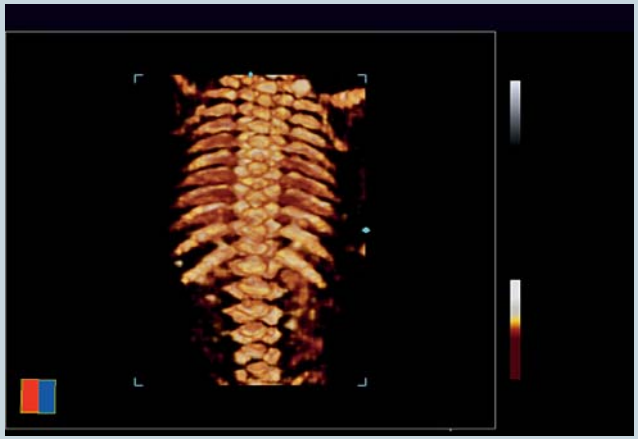
Delivering a whole new dimension of diagnostics

Revealing Perspectives

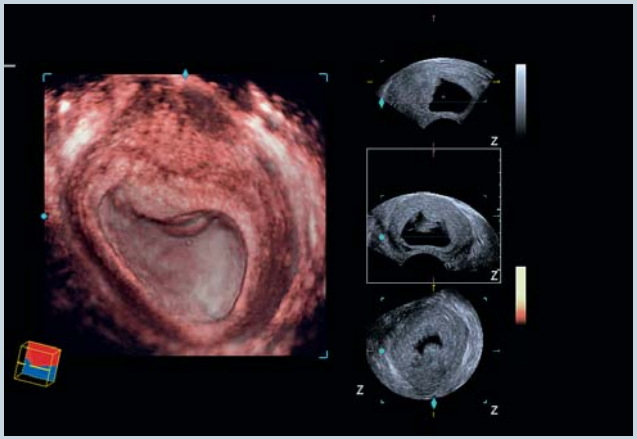
› True innovations give you — and your patients — the ability to see more

Key Benefits:

- Automated Breast Volume Scanner (ABVS) enables you to acquire, analyze and report on full-field breast volumes
- Skeletal Rendering provides never-before-seen detail of the fetal spine and long bones
- Stereoscopic 3D imaging, an extraordinary immersive visualization tool, makes images more realistic



Skeletal Rendering, an advanced volumetric rendering technique, delivers dramatic detail.



3D imaging, especially in stereoscopic, provides significantly enhanced visualization.

Our system provides industry-first applications that provide a level of detail never before seen, giving you more information to make a diagnosis.

The ACUSON S2000™ Automated Breast Volume Scanner is the first multi-use ultrasound system that enables acquisition, analysis and reporting on full-field volumes of intricate breast anatomy and pathology. Ideally suited for patients with radiographically dense breast tissue or a history of breast disease, the system allows visualization of the anatomically intuitive coronal view, not available with traditional hand held ultrasound.

- **Siemens' Skeletal Rendering technology** — This volumetric rendering technique delivers detailed images of the fetal skeleton, which more accurately depict 3D relationships of bony anatomy, aiding in more accurate diagnoses.
- **Stereoscopic 3D imaging** — The only true stereoscopic 3D ultrasound view of pathology and fetal anatomy. Extraordinarily realistic and immersive images make this visualization tool ideal for use with referring physicians, and patients.

The ACUSON S2000 system was designed from the ground up to simplify, expedite and streamline day-to-day workflow. We've created customizable protocols as well as advanced algorithms that utilize an extensive database of real clinical cases to quickly and accurately identify and measure anatomical structures. We call this knowledge-based workflow. It's fast, smart and accurate, freeing you from the repetitive tasks associated with tracing and measuring. Our innovations reduce operator variability for improved diagnostic confidence and faster exams.

- ***syngo*® Auto OB measurements** — This application gives obstetricians the ability to generate semi-automatic biometric fetal measurements, saving up to 75 percent of the keystrokes in routine fetal exams.
- ***syngo*® eSieCalcs™ native tracing software** — An innovation that introduces border detection technology to segment an area of interest and provide automatic calculations for improved efficiency and consistency.

Smart Workflow

Advancing smart, flexible workflow

Key Benefits:

- Advanced algorithms work with an extensive database of real clinical cases to expedite day-to-day workflow
- eSie Scan workflow protocols take the flexibility of workflow to a whole new level
- Knowledge-based workflow applications are like having "a thousand clinical experts at your fingertips"

Ergonomics

Designed to work right — just for you

We've taken our years of experience partnering with medical professionals around the world to design simple, elegant and fully functional ergonomics into the ACUSON S2000 system. It features everything you need — right at hand. Whether seated or standing, the natural and extended reach zones put the most frequently used controls at your fingertips, allowing you to leverage motor memory. This means you can keep your eyes focused on the monitor and on your patients.

Service & Support

Price is a Number. Value is Our Promise.
The ACUSON S2000 system is designed to be compatible with a variety of options and future updates, offering you long-term investment protection and flexibility to fit your budget. Providing the right value with your purchase is one of the ways that Siemens earns your trust.

Service at Your Fingertips
The ACUSON S2000 system features Ultrasound System Security, based on McAfee® Embedded Control, for the ultimate in protection against advanced persistent threats, viruses, malware and other executing software. The system also automatically connects to Siemens Remote Service™, a comprehensive remote support infrastructure, giving you access to a range of online service capabilities. In fact, Siemens offers a variety of service plans which address the needs of different healthcare environments — delivering both superior support and valuable cost savings for any size clinic, cardiology practice or medical setting. Siemens' coverage options provide protection from unexpected costs as well as fast and attentive service allowing you to stay focused on what matters most — the people in your care.

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

Order No. A91US-192-1C-4A00 | Printed in Germany | CC 446 09125. | © 09.2012, Siemens Medical Solutions USA, Inc