

How can I provide her with  
the most advanced care?



A Premium-Performance Ultrasound Solution  
that Supports Women's Health *and* Your Practice.

ACUSON S2000 Ultrasound System — *Women's Imaging*

Answers for life.

**SIEMENS**

Superior Image Quality



## Exceptional Image Quality Brings the Toughest Clinical Challenges into Focus.

Whether you're assessing a potential fetal abnormality or breast elasticity, conducting a gynecology scan or a complex fetal echocardiogram, you need precision, clarity and performance. The ACUSON S2000™ ultrasound system — *Women's Imaging* exceeds expectations on every front. The system is built on our most advanced, next-generation acoustic technologies including our proprietary micro-pinless (MP) transducer connector technology. Optimized for high-frequency imaging up to 18 MHz, it provides superb 2D, Doppler and 3D/4D imaging for the most demanding Maternal Fetal Medicine, OB/GYN and Breast applications. You'll have immediate access to exquisite detail during examinations thanks to cutting-edge imaging technologies, such as:

- **Amnioscopic rendering** diffuses a user-moveable light into the imaged structure, yielding the most photo-realistic fetal ultrasound images ever produced.
- **3D Dynamic TCE™ tissue contrast enhancement technology** enhances borders and reduces speckle/noise in an entire volume, not just in the reconstructed slices, greatly improving subtle tissue differentiation.
- **Advanced SieClear™ spatial compounding** enhances anatomic border definition and improves tissue contrast.
- **Hanafy lens transducer** technology and MultiHertz™ multiple frequency imaging deliver penetration as deep as 30 cm without excessive transducer pressure.



1 Advanced *fourSight*™ technology delivers exceptional detail in 3D/4D rendering as demonstrated in this 6.5 week embryo.

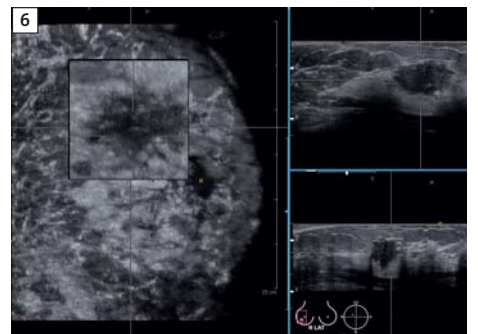
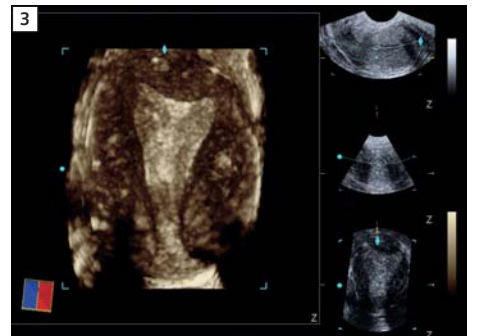
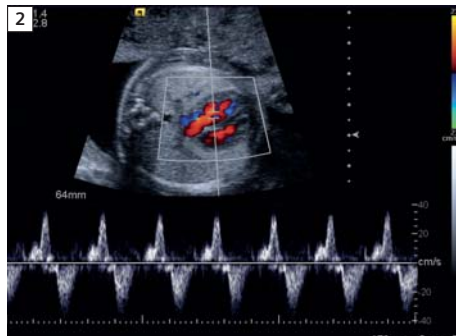
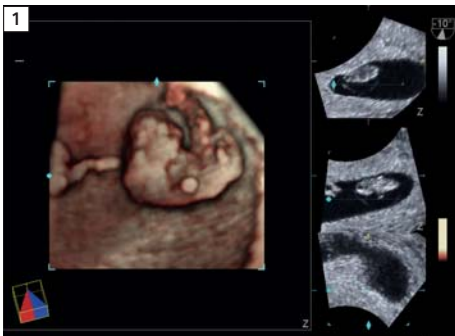
2 Exceptional color and pulsed wave Doppler sensitivity is demonstrated in the fetal heart.

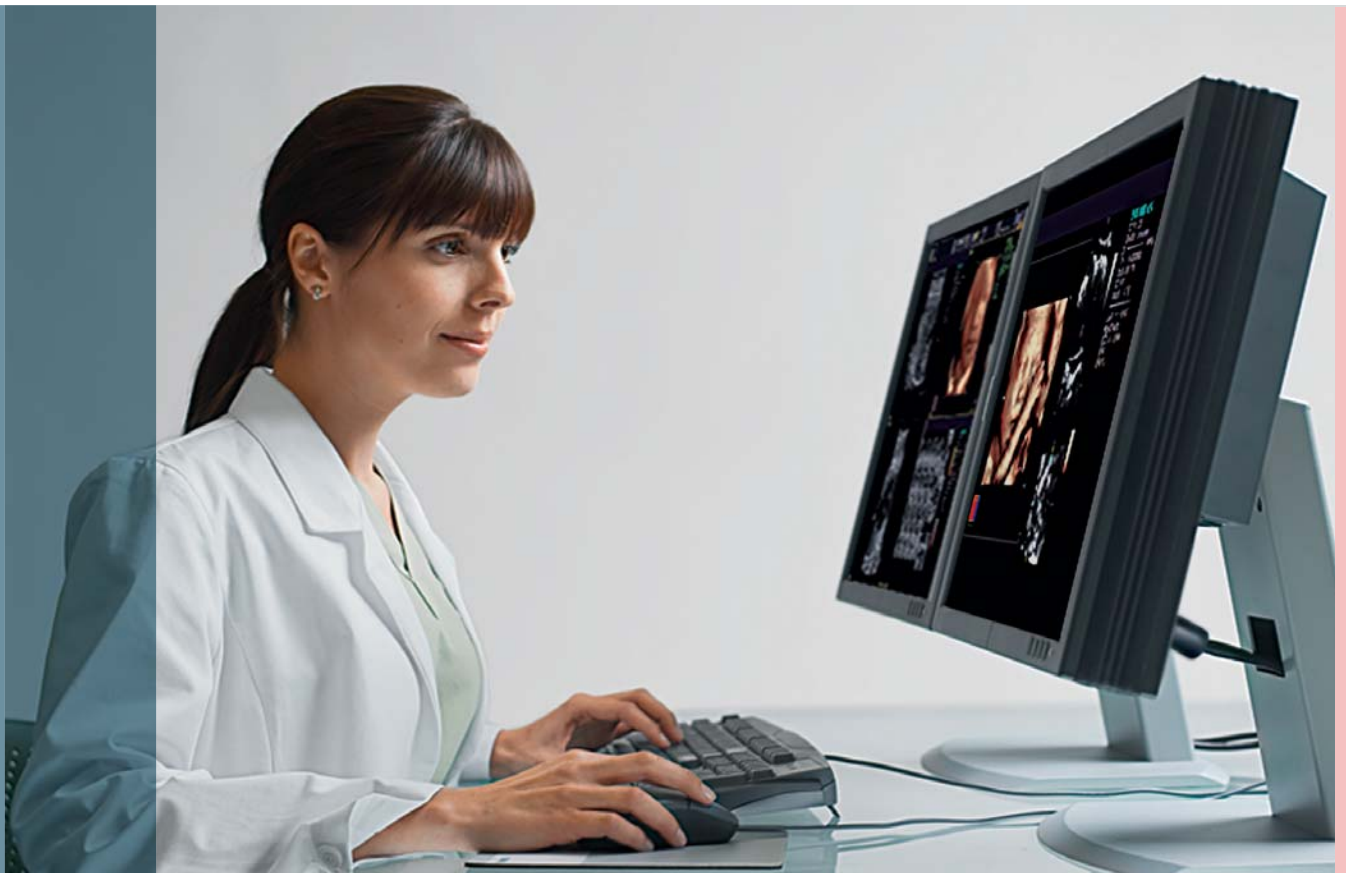
3 Detailed examination of the endometrium is achieved with Advanced *fourSight* technology, providing easy access to the anatomical coronal plane of the uterus.

4 Excellent visualization of the fetal lung/liver interface using the 9L4 transducer and Tissue Harmonic Imaging.

5 Amnioscopic rendering enables a user movable light source to provide photo-realistic imaging of the fetal face.

6 Full-field volume of the breast acquired with the ACUSON S2000™ Automated Breast Volume Scanner (ABVS).

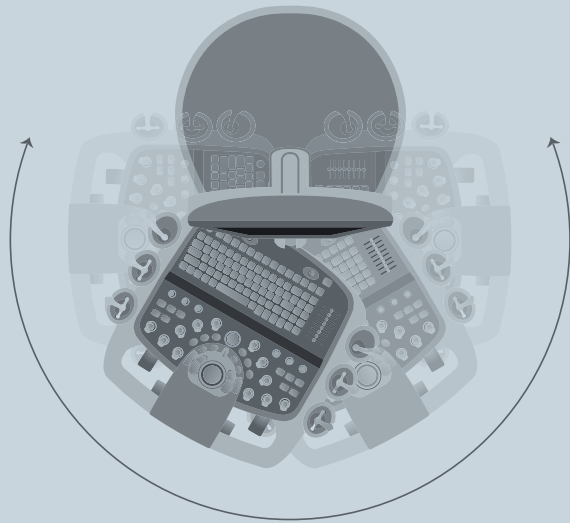




## Working Smarter Has Never Been Easier.

Your patients need answers. You need the time and technology to confidently assess their health. That's why Siemens' knowledge-based workflow innovations are so important. They reduce repetitive tasks, automate routine measurements, boost consistency with repeat procedures and, most importantly, free you and your staff to focus on your patient's health and well-being. The ACUSON S2000 system — *Women's Imaging* supports a full range of workflow innovations, including:

- **syngo® Auto OB measurements** recognize anatomical landmarks to automatically perform standard biometric measurements. This breakthrough technology provides up to a 75% reduction in keystrokes, reducing exam time and substantially improving consistency of serial measurements.
- **eSieScan™ Workflow Protocols** anticipate and execute your exam based on customizable programs to dramatically reduce keystrokes, enabling shorter exam times, better throughput and improved consistency among multiple operators.
- **syngo® eSieCalcs™ native tracing software** segments any given lesion in 2D, 3D or 4D and performs automated trace measurements with area, maximum diameter and volume results.
- **Volume imaging** can reduce exam time by providing acquisition techniques that minimize keystrokes and collect ample data for increasing diagnostic confidence.
- **Convenient offline analysis tools** help to minimize system use and reduce exam times.



- ▶ A rotating and elevating console provides precise positioning of the control panel for optimal ergonomics

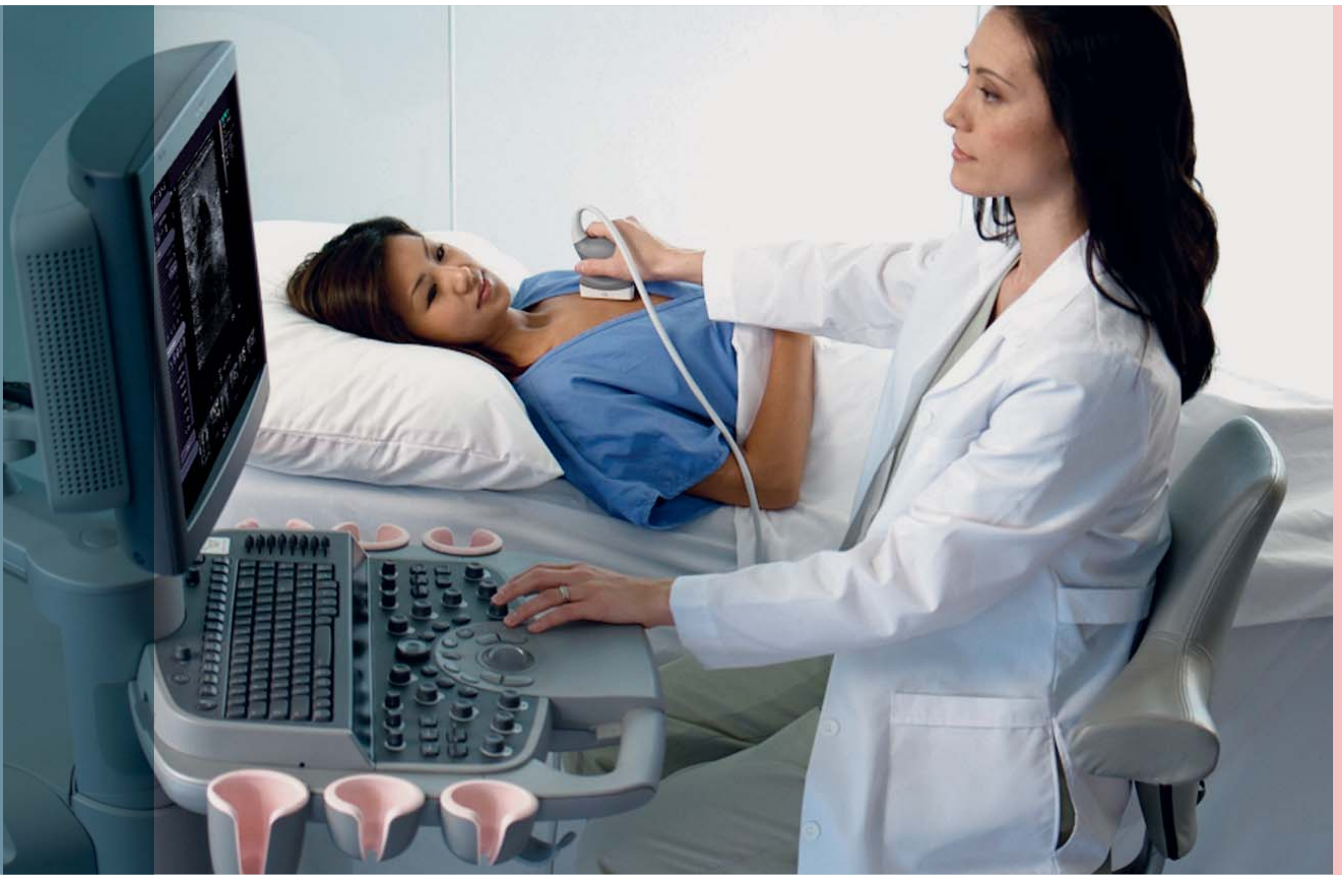


Adaptive Ergonomics

## Everything You Need, Right Where You Need It.

Designed to transform how you work, the ACUSON S2000 system — *Women's Imaging* includes a range of adaptive ergonomic features, taking Home Base to a whole new level by putting everything you need and use within easy reach. Whether sitting or standing, you'll experience the unprecedented ease and comfort of simple, stress-free operation. Compact and lightweight, the ACUSON S2000 system — *Women's Imaging* is highly portable, user-friendly and versatile enough to accommodate a wide range of exams and environments.

- Natural and Extended Reach Zones put the most frequently used controls at your fingertips and enable quick access to peripheral devices, recordable media and transducer connectors.
- A flexible articulating arm and high-resolution, 19-inch flat panel display ensure optimal monitor placement and enhanced image quality in all lighting.
- Control panel is designed for motor-memory learning situations.
- Advanced transducer and system technologies enhance penetration and facilitate scanning of technically difficult-to-image patients.



## Innovative Applications to Enhance Women's Health

The ACUSON S2000 system — *Women's Imaging* enables you to go beyond conventional modes of 2D, 3D, 4D, and Doppler imaging to support a broad range of today's most cutting-edge clinical applications. Among the applications supported on the ACUSON S2000 system — *Women's Imaging*:

- **syngo® Velocity Vector Imaging™ (VVI) technology** is an advanced quantitative tool which uses a sophisticated 2D tracking algorithm to provide further insight into fetal myocardial mechanics.
- **Fetal heart STIC imaging** delivers automated acquisition of a high-quality fetal heart volume using a sophisticated algorithm that compensates for variability in heart rate. Multi-planar reformatted images are easily obtained for detailed anatomical evaluation. Industry exclusive real-time heart rate display and preview mode improve workflow. Full compatibility with syngo Velocity Vector Imaging technology.
- **eSie Touch™ elasticity imaging software** utilizes gentle manual compression to display high-resolution images of relative tissue stiffness.
- **Automated Breast Volume Scanner (ABVS)** a unique automated system that acquires full-field volumes of the breast, provides efficient and comprehensive analysis of the 3D data and facilitates easy, semi-automated reporting. The system is ideally suited to comfortably image patients with radiographically-dense breast tissue or a history of breast disease.

## Service at Your Fingertips.

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.

## Grows with You and Your Practice.

As part of the ACUSON family, the ACUSON S2000 system — *Women's Imaging* is designed with the future in mind. The latest imaging technologies can be added as upgrades to the system after installation, including hardware, software, transducers and peripheral devices, thus allowing the system to grow as the clinical needs of your practice expand. Options and upgrades protect your original investment and keep you competitive in your marketplace.



- ▶ **Automated Breast Volume Scanner (ABVS)** — automatically, quickly and comfortably surveys and acquires full-field volumes of the breast.

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

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