



SIEMENS



HELX  
EVOLUTION  
WITH TOUCH CONTROL



ACUSON S2000  
ULTRASOUND SYSTEM

Hi!

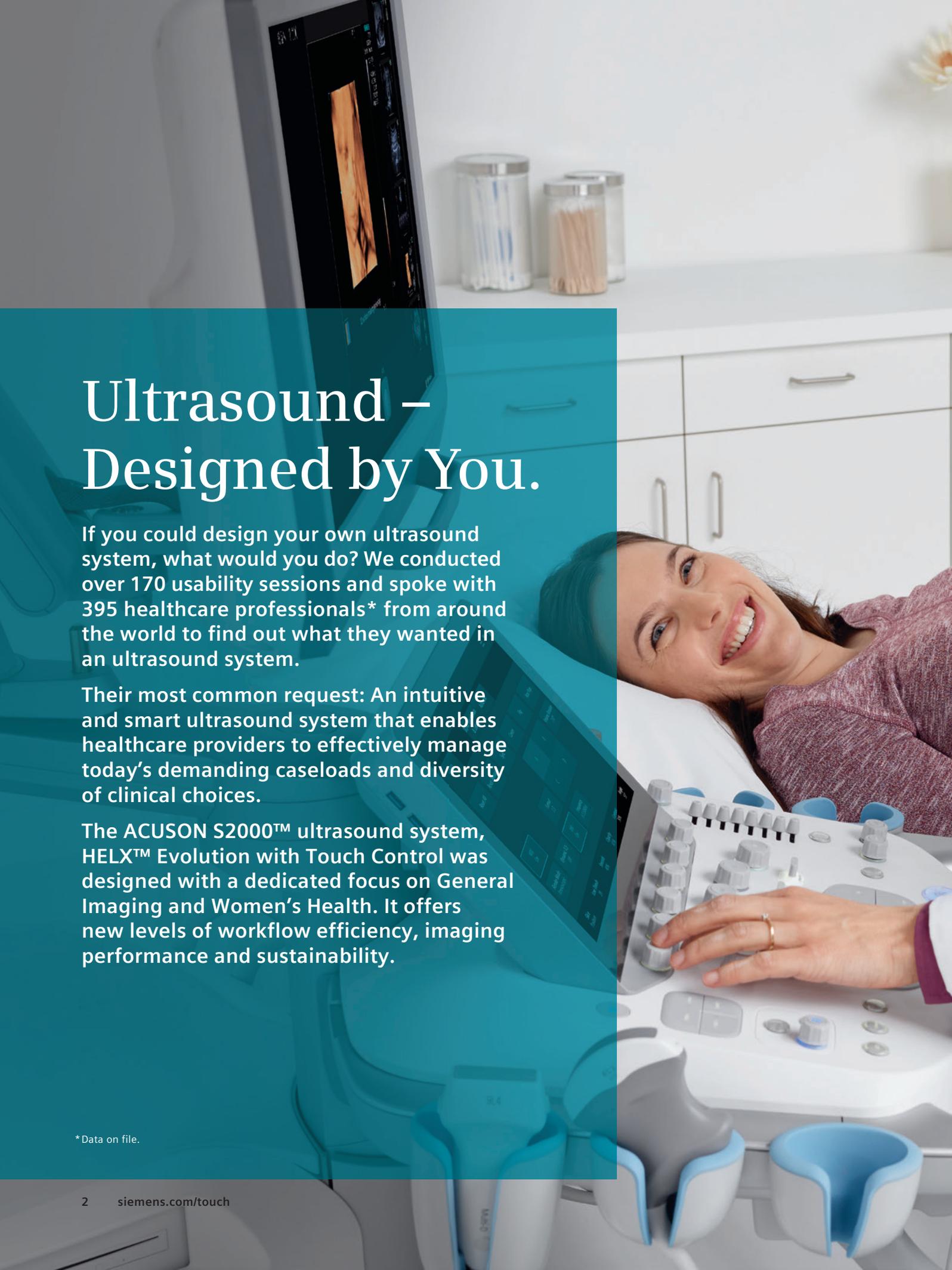
HELX  
EVOLUTION  
WITH TOUCH CONTROL

HELX  
Evolution  
with Touch  
Control

[siemens.com/touch](http://siemens.com/touch)

# Expanded Insights

ACUSON S2000 Ultrasound System,  
HELX Evolution with Touch Control



# Ultrasound – Designed by You.

If you could design your own ultrasound system, what would you do? We conducted over 170 usability sessions and spoke with 395 healthcare professionals\* from around the world to find out what they wanted in an ultrasound system.

Their most common request: An intuitive and smart ultrasound system that enables healthcare providers to effectively manage today's demanding caseloads and diversity of clinical choices.

The ACUSON S2000™ ultrasound system, HELX™ Evolution with Touch Control was designed with a dedicated focus on General Imaging and Women's Health. It offers new levels of workflow efficiency, imaging performance and sustainability.

\*Data on file.





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ULTRASOUND SYSTEM

HELX  
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ACUSON S2000  
ULTRASOUND SYSTEM  
**Hi!**  
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### **Workflow**

Increase process efficiency and patient throughput with intuitive workflow innovations

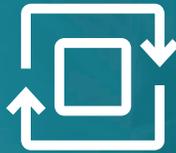
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### **Imaging Performance**

Strengthen clinical capabilities with enhanced imaging technologies that advance diagnostic clarity

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### **Sustainability**

Investment protection with an upgradeable ultrasound architecture that addresses evolving needs



Workflow

# Efficient Workflow – Designed for You.

Increase your process efficiency and patient throughput with intuitive workflow innovations offered by the ACUSON S2000 system, HELX Evolution with Touch Control.

Powered by an intuitive, user-centric interface, the system promotes streamlined exam flows to improve exam quality with less effort. Its new usability concept helps to eliminate unnecessary keystrokes and repetitive hand movements providing a whole new lever of user performance.

## Intuitive Touch Display

- 12.1-inch (30.7) high-resolution display with Instant Response technology allows for precise key selections
- Tab folder browsing improves walk-up usability by eliminating hidden menus and swipe searching

## Simplified Control Panel

- Fewer keys and a simplified home-base control structure help to optimize exam workflows and reduce training time
- Laser-optical trackball promotes sensitivity and accuracy in measurements and helps reduce repetitive stress injuries
- Digital and tactile keyboards increase flexibility for different user preferences and workflow situations



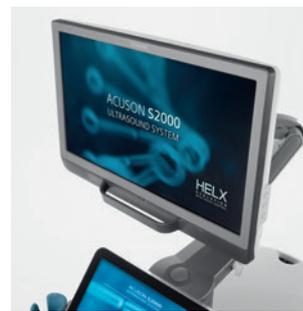
44%  
fewer soft keys\*

33%  
fewer tactile keys\*

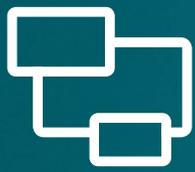
22%  
fewer home-base keys\*

## Workflow Innovations

- Context-sensitive body markers feature intuitive pictograms, transducer markers and supportive protocols
- Smart-swap annotations with color-coded guidance simplify annotations by suggesting logical replacement text specific to the exam being performed
- Directly access and control eSieScan™ workflow protocols through the touch display



\*Data on file.



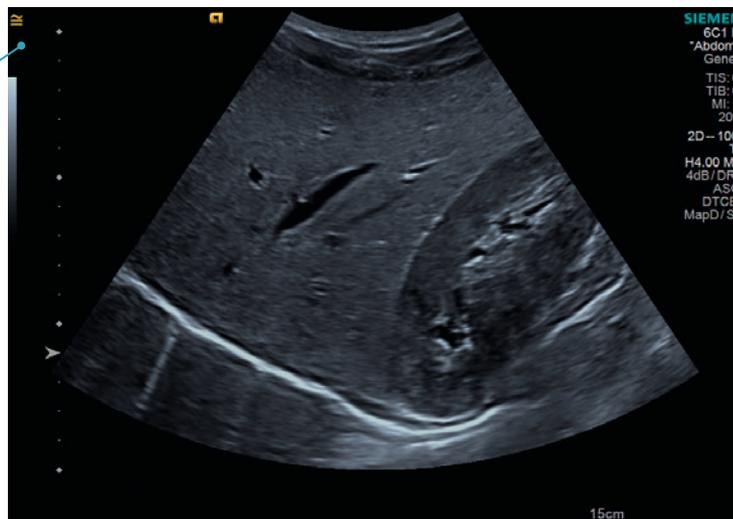
Imaging Performance

# Advanced Technologies – Available to You.

ACUSON S2000  
ULTRASOUND SYSTEM

## Expand Clinical Insights with HD Transducer Technology

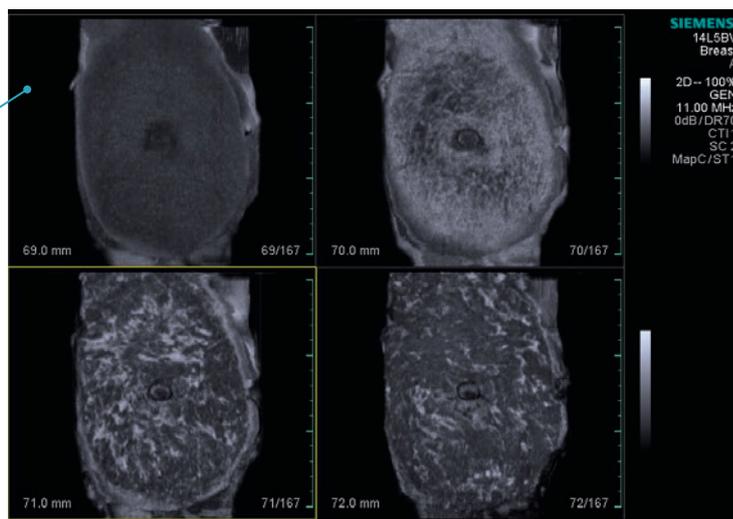
- HD transducer technology delivers excellent detail and contrast resolution for sharper images
- Full-body coverage, full range of exams – radiology, obstetrics, pediatrics, gynecology and small parts
- Innovative ergonomics featuring palmar or ridged grip coating to improve imaging comfort



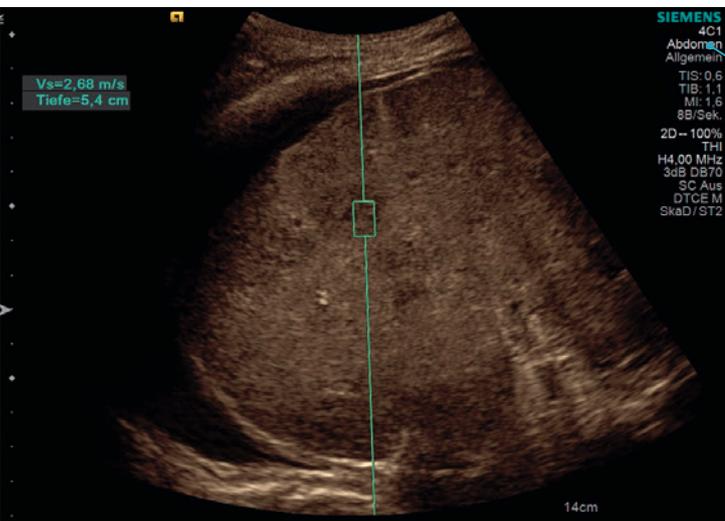
Liver /kidney interface

## Automated Breast Volume Scanning (ABVS) with 3D Total Breast Ultrasound

- ACUSON S2000™ Automated Breast Volume Scanner (ABVS) for automated 3D and hand-held imaging of the breast
- Consistent, operator-independent breast ultrasound results to improve patient care
- Tissue strain analytics for deeper insights into dense breast tissue
- Efficient operation and analysis tools



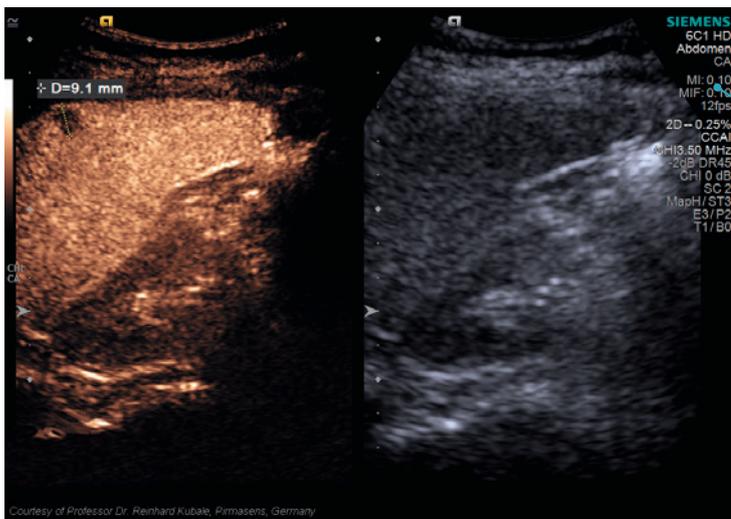
Automated Breast Volume Scanning (ABVS), multi-slice visualization



Virtual Touch quantification of cirrhotic liver

## Evaluate Tissue Stiffness with Shear Wave Elastography

- Based on Acoustic Radiation Force Impulse (ARFI) imaging, Siemens' unique Virtual Touch™ technologies provide a new dimension of ultrasound information
- Qualitative imaging or quantitative shear wave tissue measurements across multiple transducers and study types

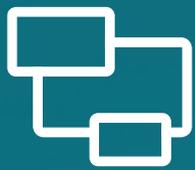


Cadence CHI\* of splenic granuloma

## Experience In-depth Anatomy Visualization with Contrast Enhanced Ultrasound\* (CEUS)

- Designed for visualization of lesions in organs based upon vascularity and micro-bubble visualization
- Cadence™ Contrast Harmonic Imaging\* (CHI) for the visualization of stunning detail
- Cadence™ Contrast Pulse Sequencing\* (CPS) for penetrating clarity

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



Imaging Performance

# Beautiful Images – Acquired by You.

The unique signal processing algorithm of the SieStream™ HD architecture works to produce the highest signal fidelity. It optimizes signal integration between transducer and display by doubling the standard pixel density. The result: beautiful images to let you make a diagnosis with the highest confidence.

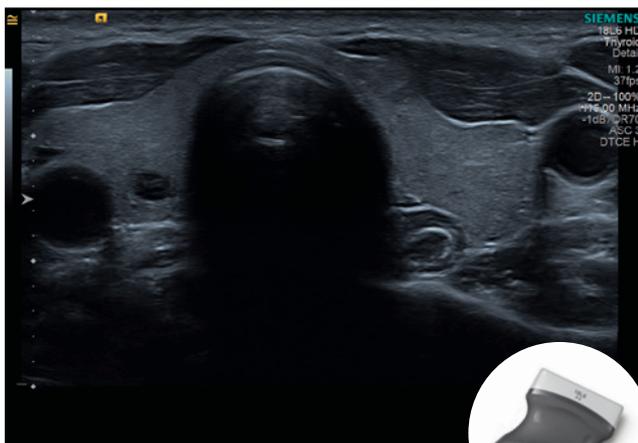
## 6C1 HD Transducer



Kidney with color Doppler



## 18L6 HD Transducer



Thyroid with small nodules



## 8C3 HD Transducer

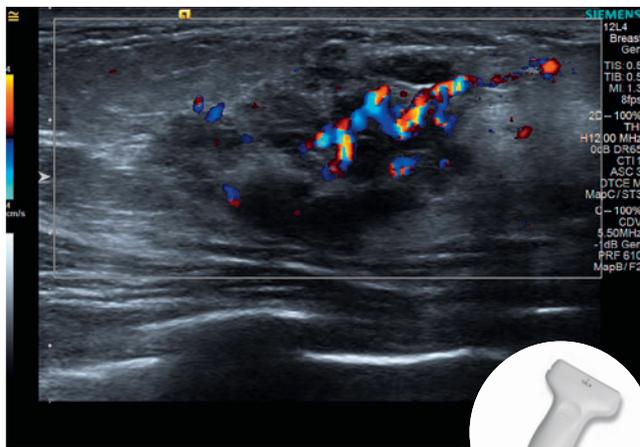


Second trimester fetal abdomen





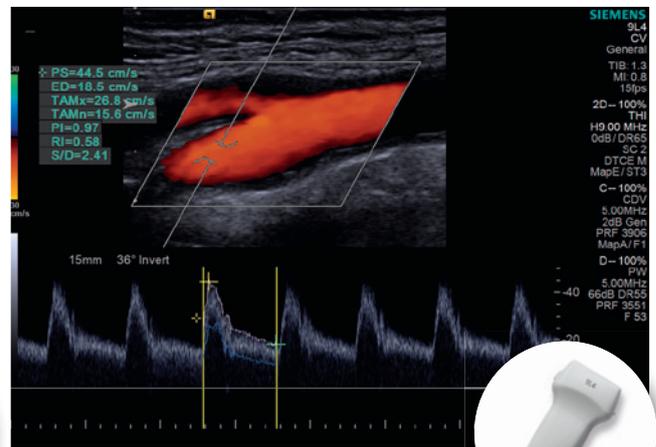
### 12L4 Transducer



Ductal carcinoma of the breast with color Doppler



### 9L4 Transducer



Color and pulsed wave Doppler of carotid with intimal thickening and plaque



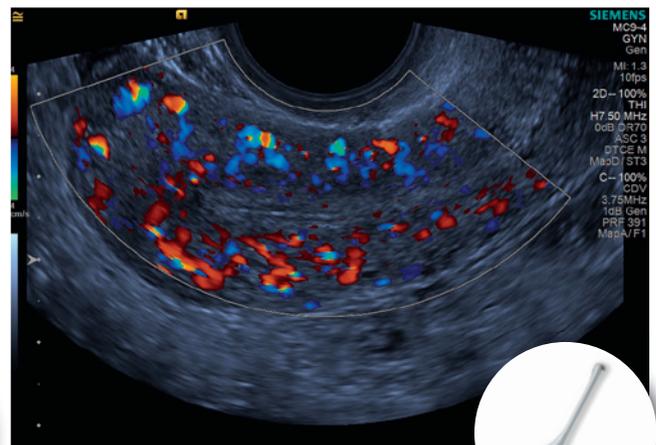
### 7CF1 Transducer



4D visualization of fetal face

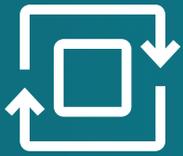


### MC9-4 Transducer



Endovaginal scan of the uterus with color Doppler





Sustainability

# Investment Protection – Customizable for You.



The ACUSON S2000 system, HELX Evolution with Touch Control is designed to adapt to your standard of care. From usability to technical compliance standards, Siemens has worked to ensure that the system you invest in today will be up-to-date and ready to integrate the most advanced technologies for years to come. This allows you to manage your costs without compromising your quality of care.



## Access to General Imaging Technology and Basic Packages, Including

- Advanced SieClear™ spatial compounding
- Clarify™ vascular enhancement (VE) technology
- SieScape™ panoramic imaging
- eSiImage™ multiparametric optimization
- Multi-modality review
- Data transfer to Nuance® Powerscribe 360
- Wireless DICOM reporting (optional)

## Comprehensive Service Packages

- Siemens Performance Plans for optimal system performance
- ASCEND\* upgrades for maximum investment protection
- Ultrasound Evolve\* software Updates to enhance productivity
- Siemens Remote Service™ for fast diagnosis and software delivery
- Ultrasound System Security to deliver confidence and compliance

## Microsoft® Windows® 7 Integration

- Improved network security and system stability
- Enhanced compatibility with electronic medical systems
- Scalable for the future

\*Due to regulatory reasons, future availability cannot be guaranteed.

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

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