

## ACUSON S2000 Ultrasound System

When you need to know more.

OB/GYN Imaging



The ACUSON S2000™ ultrasound system is a comprehensive OB/GYN solution providing superior image quality in 2D, 3D and Doppler for obstetrics and gynecology. The system also features exclusive advanced rendering techniques and automated measurement applications.

### Highlights

#### Volume Imaging:

- **Advanced *fourSight*™ Technology**  
Offers comprehensive 3D/4D acquisition, data rendering and post-processing including MultiSlice imaging. Thick Slice imaging and inversion mode.
- **Skeletal Rendering**  
An exclusive, advanced volumetric rendering technique delivering superior visualization of bony structures with unprecedented detail.
- **Amnioscopic Rendering**  
Diffuses user-moveable light into the imaged structure, yielding the most photo-realistic fetal ultrasound images ever produced. This advanced surface rendering technique is a Siemens exclusive technology.
- **Fetal Heart STIC Imaging**  
Automated acquisition of fetal heart volume for detailed anatomical evaluation of the fetal heart.

May be combined with advanced technologies such as *syngo*® Velocity Vector Imaging™ technology for evaluation of cardiac structured function.

#### Image Quality and Workflow:

- **HD Zoom**  
Increases the line density in the region of interest, while magnifying the image, resulting in greater detail resolution and higher frame rates. HD Zoom facilitates evaluation and measurements of complex anatomy.
- ***syngo*® Auto OB Measurements**  
Recognizes anatomic landmarks for standard biometric measurements and automatically performs measurements at the touch of a button. This breakthrough technology provides up to a 75% reduction in keystrokes, reducing exam time and substantially improving consistency of serial measurements.

Answers for life.



## High Frequency Imaging

The high frequency 9L4 transducer with Tissue Harmonic Imaging delivers unprecedented detail resolution in this 28 week fetal heart.



## Color Doppler Sensitivity and Live Dual Imaging

Live Dual imaging facilitates simultaneous evaluation of color Doppler and B-mode imaging as demonstrated in this image of the fetal heart and aorta.



## fourSight™ 4D Imaging Technology

Multi-planar reconstruction of volume data enables detailed evaluation of anatomical planes in this coronal view of the uterus and endometrium.



## Skeletal Rendering with Amnioscopic Rendering

A true volumetric rendering technique for the fetal skeleton and long bones. This Siemens exclusive technology may be combined with Amnioscopic Rendering to provide dramatically improved detail resolution over conventional technologies as seen in this image of a 21 week fetus.

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

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