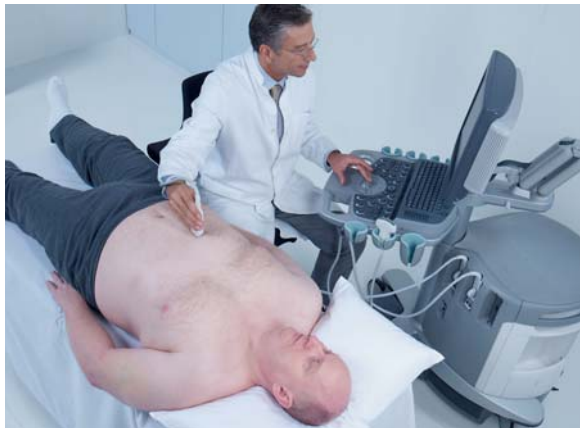
SIEMENS

ACUSON S2000 Ultrasound System

When you need to know more.

Abdominal Imaging



The ACUSON S2000™ ultrasound system is a comprehensive platform designed to meet today's most challenging imaging needs. With stellar B-mode and Doppler imaging, the ACUSON S2000 system delivers unprecedented image quality and advanced applications which help you visualize and characterize tissue.

Highlights

Image Quality:

- **Real-time Imaging Technologies**
  Advanced SieClear™ spatial compounding technology, a real-time compounding technique, applies industry-leading 13 lines of sight to improve contrast resolution and border detection. Dynamic TCE™ tissue contrast enhancement technology is a powerful algorithm which provides advanced speckle reduction in combination with enhanced contrast resolution.
- **HD Transducer Technology**
  The new 6C1 HD transducer employs a high density element array to obtain more valuable ultrasound data, delivering the highest detail resolution in abdominal imaging along with the color sensitivity to match.

* At the time of publication, the U.S. Food and Drug Administration has cleared ultrasound contrast agents only for use in LVO. Check current regulations for the country in which you are using this system for contrast agent clearance.
** Not commercially available in the USA.

Advanced Applications:

- **Cadence™ Contrast Pulse Sequencing* (CPS) Technology**
  Enhanced sensitivity and specificity to contrast agent signals for excellent lesion detection and characterization. Mix Mode, a real-time overlay of the contrast agent image on the B-mode image, and Cadence CPS Capture, which provides detailed vascular "roadmapping", increase your options for viewing contrast images.

Tissue Strain Imaging

- **eSie Touch™ Elasticity Imaging**
  An innovative, real-time imaging technique that provides further insight into potential pathology by displaying the relative stiffness of tissue.
- **Virtual Touch™ Technology****
  Siemens' second generation implementation of Acoustic Radiation Force Impulse (ARFI) technology provides a qualitative regional elastogram and an accurate quantification of tissue strain while minimizing user variability.

Answers for life.

Color Doppler Sensitivity

Superb color sensitivity, with color extending out to cortex of kidney, and spatial resolution, demonstrated by normal hemodynamic flow within small vessels.

Cadence CPS technology

Excellent contrast sensitivity demonstrated in this hepatocellular carcinoma.

Virtual Touch Tissue Quantification

A higher than normal shear wave velocity reading for this biopsy-proven focal nodular hyperplasia indicates the tissue is stiffer than the surrounding tissue.

Courtesy of Dr. Dirk Andrea Clevert.

6C1 HD Transducer

Excellent contrast resolution seen in liver texture and black vessels with fine detail in the clear delineation of the aortic intimal wall.

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

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