SIEMENS

ACUSON S2000 Ultrasound System

When you need to know more.

Small Parts Imaging

Meet the clinical challenges of small parts imaging with high frequency ultrasound on the ACUSON S2000™ ultrasound system. Proven transducer technology provides unparalleled image quality for breast, thyroid and superficial musculoskeletal imaging. Smart, streamlined and easy to use, the ACUSON S2000 system is the ultimate small parts imaging solution.

Highlights

Tissue Strain Imaging:

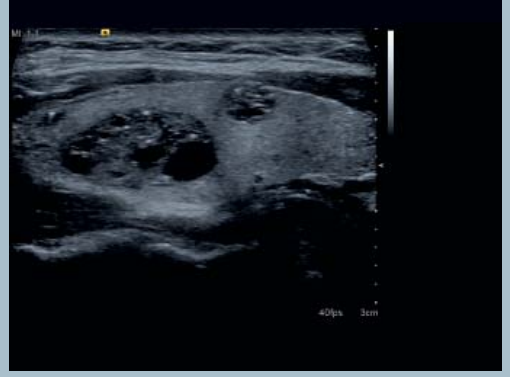
- **eSie Touch™ Elasticity Imaging**
  An innovative, real-time imaging technique that provides further insight into potential pathology by displaying the relative stiffness of tissue.
- **Virtual Touch™ Technology***
  Siemens' second generation implementation of Acoustic Radiation Force Impulse (ARFI)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

Image Quality and Workflow:

- **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 Zoom**
  Increases the line density in the region of interest, while magnifying the image, resulting in greater detail resolution and higher frame rates.
- **HD Transducer Technology**
  The 18L6 HD transducer employs a high density element array to obtain more ultrasound data, delivering the highest detail resolution along with the color sensitivity to match. With the best imaging performance in its class, the large field of view and uniquely ergonomic palmar grip design make this probe an essential small parts imaging tool.

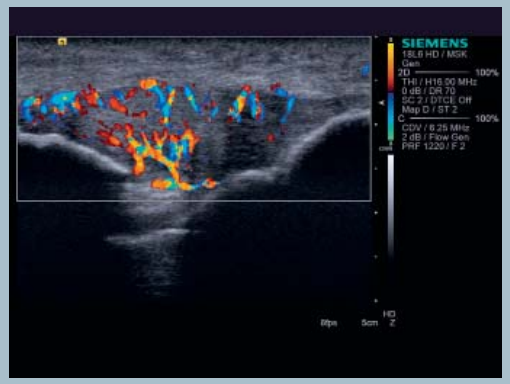
* Not commercially available in the USA.

Answers for life.



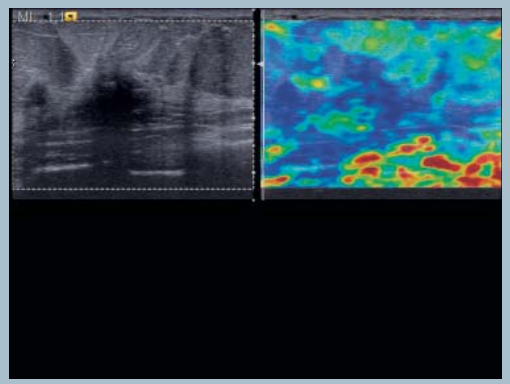
Real-time Imaging Technologies

Advanced SieClear spacial compounding with Dynamic TCE technology provides outstanding detail and contrast resolution in this thyroid with multiple masses.



HD Zoom

Detail resolution is maintained in this HD Zoom image, clearly showing the increased vascularity using color Doppler in this surgically shortened patellar tendon.



eSie Touch Elasticity Imaging

An intraductal carcinoma identified with eSie Touch elasticity imaging using the 18L6 transducer, shown in one of several available color maps.

Courtesy of Dr. Corinne Balleyguier, IGR, Paris.

18L6 HD Transducer

Advanced SieClear spatial compounding and Dynamic TCE technology provide exquisite detail in this testis with epididymal cyst.

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

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