

# Musculoskeletal Imaging



The ultra-compact ACUSON X150™ ultrasound system delivers best-in-class diagnostic capabilities, versatile ergonomics, workflow efficiencies and true scalability at an extraordinary value. The advanced Clip Store feature allows for the capture and archive of the evaluation of muscles and tendons. Flexible connectivity solutions allow the system to be easily integrated into any practice, while customizable reporting and the DIMAQ-IP integrated workstation streamline clinical workflow.

## Highlights

### Increase Diagnostic Confidence:

- Color and Power Doppler Imaging
  - Highly sensitive color and power Doppler allow you to detect low flows to quickly identify areas of inflammation or areas of increased vascularity.
- Phase Inversion Tissue Harmonic Imaging (THI)
  - Improves contrast resolution by reducing noise and clutter in the image, thereby enhancing border resolution.

### Streamline Workflow and Improve Clinical Efficiency:

- TGO™ Tissue Grayscale Optimization Technology
  - Automatically optimizes the image with the press of a button, shortening exam times, reducing repetitive motion and providing consistently optimized exams across patients, users and applications.
- Physician Summary Utility
  - Supports on-system report generation which includes patient data, images, comments, recommendations and the ability to customize letterhead and signature line.
- DIMAQ-IP Integrated Workstation
  - Seamless integration of the DIMAQ-IP workstation allows you to manage all patient data from acquisition to reporting.

### Maximize the Versatility of Each Transducer:

- Virtual Format Imaging
  - Increases anatomical information at the touch of a button with trapezoidal imaging format.
- MultiHertz™ Multiple Frequency Imaging
  - Provides a range of user-selectable frequencies to optimize resolution and enhance the versatility of each wideband transducer.

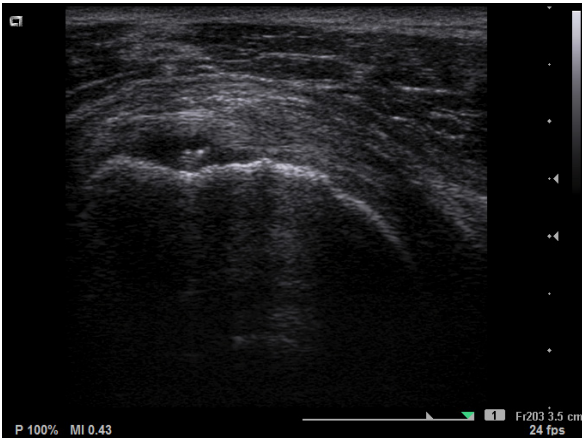
### Designed to Grow with Your Practice

This flexible system allows you to add powerful, advanced features to tailor the system to your current clinical needs, while providing a platform for future growth.

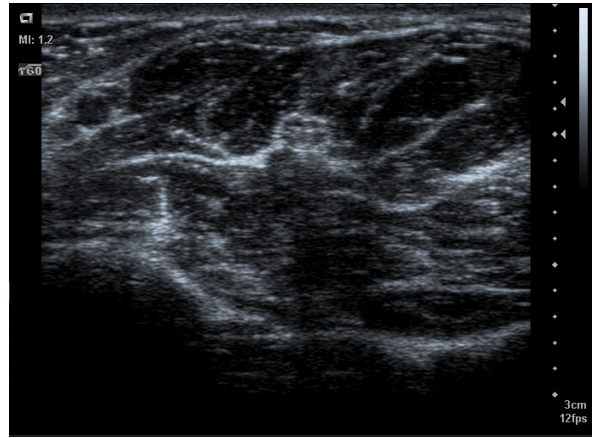
**ACUSON X150 ultrasound system**  
Exceptional value – now and into the future

[www.siemens.com/healthcare](http://www.siemens.com/healthcare)

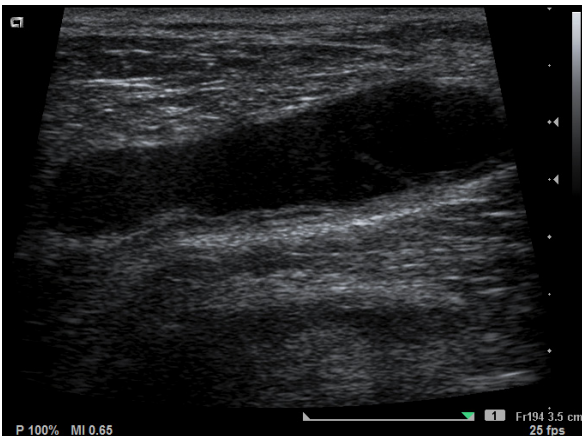
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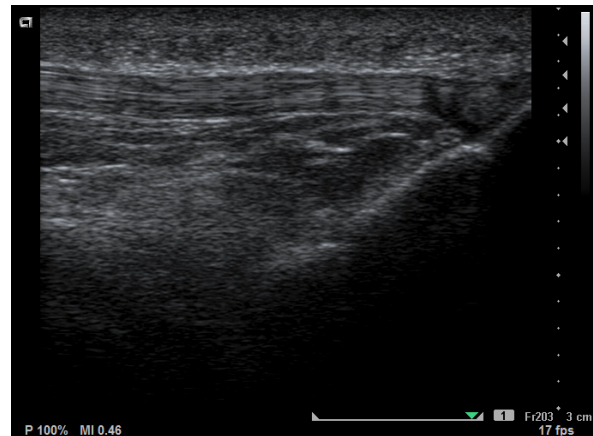
- High frequency imaging seen with the VF13-5 transducer provides superior detail resolution for visualization of surgically placed anchors in this repaired rotator cuff.



- Tissue Harmonic Imaging (THI) improves contrast resolution, enhancing the visualization of the median nerve.



- Virtual Format imaging increases the field of view allowing visualization of the entire length of this Baker's cyst.



- The VF13-5 transducer provides exceptional detail resolution for characterization of this normal Patellar tendon.

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

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