

# General Imaging



The ultra-compact ACUSON X150™ ultrasound system delivers best-in-class diagnostic capabilities, versatile ergonomics and workflow efficiencies at an extraordinary value. Detail resolution, image uniformity and color Doppler sensitivity are dramatically improved with the CH5-2 transducer with Hanafy lens transducer technology and Phase Inversion THI, giving you best-in-class image quality in a truly scalable package. Reports can be customized to the physician's or institution's needs using the Physician Utility Summary feature.

## Highlights

### Increase Diagnostic Confidence:

- Color and Power Doppler Imaging
  - Superb detection and demonstration of blood flow across all examinations from abdominal aorta to small vessels in transplant organs.
- Phase Inversion Tissue Harmonic Imaging (THI)
  - Improves contrast resolution by reducing noise and clutter in the visualizing of subtle lesions, small parts, vascular, gynecology and much more.

### Streamline Workflow and Improve Clinical Efficiency:

- TGO™ Tissue Grayscale Optimization Technology
  - Automatically optimizes the image with the press of a single button, shortening exam times, reducing repetitive motioning and providing consistently optimized exams across patients, users and applications.
- DIMAQ-IP Integrated Workstation
  - Easy access to archiving of patient studies including clinical images and report data. Large storage capacity for fast on-system access to previous studies, plus easy export via USB or optional DICOM.

### Maximize the Versatility of Each Transducer:

- MultiHertz™ Multiple Frequency Imaging
  - Provides a range of user-selectable frequencies to optimize resolution and enhance the cost-effectiveness of each transducer.
- Hanafy Lens Transducer Technology
  - Maintains excellent image uniformity and penetration throughout the field of view for improved resolution, without applying excessive transducer pressure.

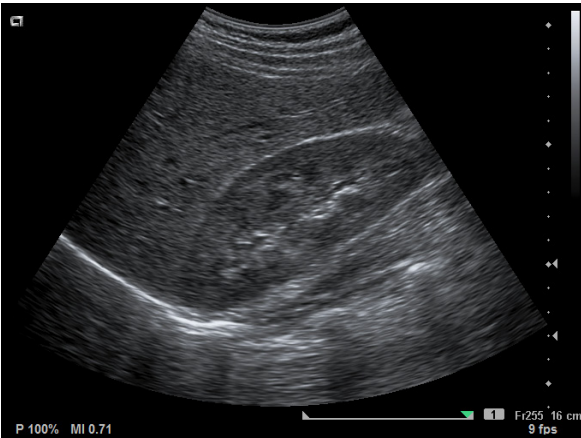
### Designed to Grow with Your Practice

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)

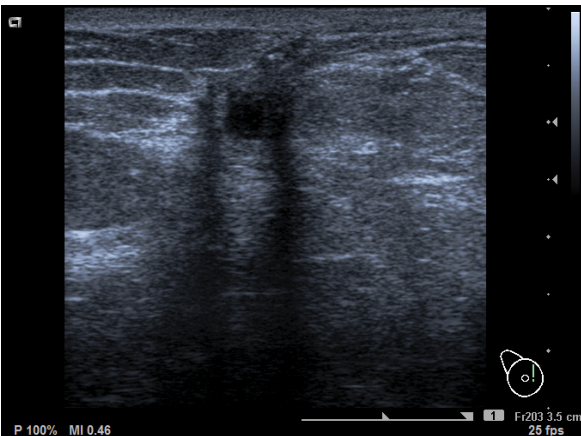
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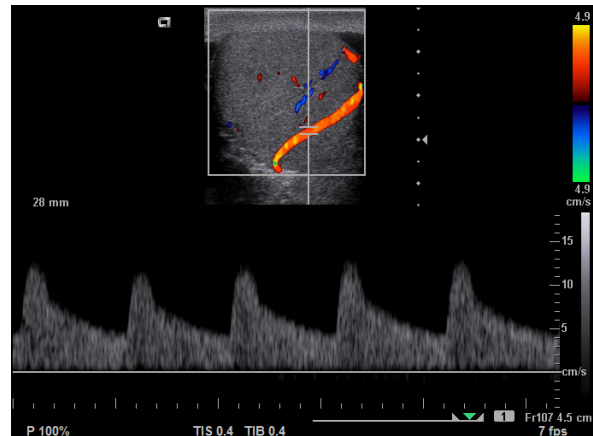
- Excellent detail resolution and image uniformity highlights the renal pyramids within this normal kidney with the CH5-2 transducer.



- One-button TGO tissue grayscale optimization technology demonstrates excellent image uniformity improves contrast resolution, thus allowing excellent visualization and differentiation between abdominal vessels.



- MultiHertz imaging allows selection of the highest frequency for this small superficial breast lesion.



- Outstanding color Doppler sensitivity in this small testicular vessel. Superior resolution of the spectral Doppler trace allows for more accurate measurements.

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

ACUSON, MultiHertz, TGO and X150 are trademarks of Siemens Medical Solutions USA, Inc.

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