

ACUSON X300 ultrasound system, premium edition

Urology

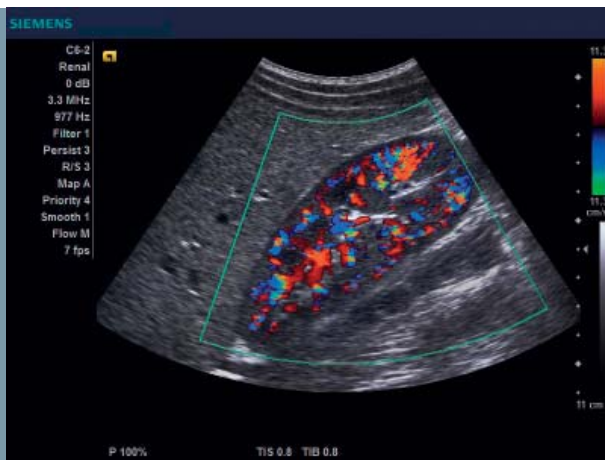


The versatile, compact platform for today's urology challenges

The ACUSON X300™ ultrasound system, premium edition (PE) provides the versatility, performance and image quality needed for all of your urological needs. From imaging through biopsy, the system provides advanced capabilities including live bi-plane and lithotripsy options for communication with the Siemens lithotripters. Workflow enhancements, such as TGO tissue grayscale optimization technology and the advanced ErgoDynamic™ imaging system design, provide an efficient and comfortable solution to quickly move you through ultrasound exams.

Highlights

- **A Flexible, Comprehensive Solution:**
With a variety of transducers and applications, the system offers a complete solution and supports advanced capabilities such as live bi-plane imaging and lithotripsy solutions.
- **Live Bi-Plane BP9-4 Transducer:**
Ergonomically designed, this transducer provides live bi-plane imaging for simultaneous viewing of both the longitudinal and transverse imaging planes providing more information. Additionally, live bi-plane biopsy is supported.
- **Flexible Biopsy Options:**
Disposable and reusable biopsy guides are supported. Provides both an angled and a straight biopsy path to improve patient comfort and flexibility in accessing both deep and superficial zones for prostate biopsy.
- **TGO™ Tissue Grayscale Optimization Technology:**
Shortens exam time, reduces repetitive motion and increases diagnostic confidence with consistently optimized exams across all patients, operators and applications at the touch of a button.
- **AutoColor Technology:**
Single touch color flow optimization tool quickly adjusts for varying flow states to enhance workflow.
- **Dynamic TCE™ Tissue Contrast Enhancement Technology:**
An advanced, proprietary, real-time processing algorithm that enhances tissue contrast resolution and reduces speckle. Low contrast lesions can appear sharper and more conspicuous.
- **SieClear™ Multi-View Spatial Compounding:**
Receives multiple lines of sight to improve tissue differentiation and reduce speckle in real-time. Tissue boundaries and interfaces appear sharper and more continuous.
- **Physician Summary Utility:**
Supports on-system report generation which includes patient data, images, comments and recommendations and the ability to customize letterhead and signature line.



Color Doppler Imaging

- Provides excellent sensitivity demonstrating flow out to the renal cortex.



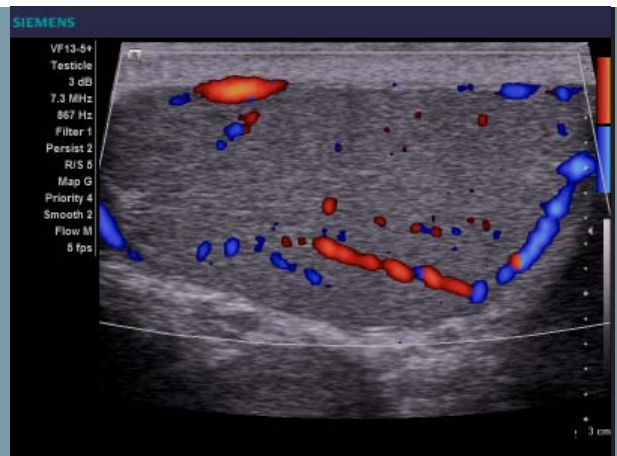
Dynamic TCE Technology

- Enhances tissue contrast resolution and reduces speckle for excellent differentiation of this enlarged prostate gland.



Live Bi-Plane BP9-4 Transducer

- Provides live, simultaneous, bi-plane visualization of the prostate gland.



Directional Color Power Doppler Imaging

- Improves color sensitivity and captures small vessels within the testicle.

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

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