

General Imaging

REAL SOLUTIONS

Understanding challenges
Providing answers
Improving outcomes



The ACUSON X300™ ultrasound system provides the versatility, performance and imaging excellence needed across a wide range of patients and exam types, from deep abdominal to superficial small parts. Using the CH5-2 Hanafy lens transducer with SynAps technology, the X300 system can image as deeply as 30 cm, delivering greater diagnostic confidence. Workflow enhancements, such as TGO technology and the advanced ErgoDynamic™ imaging system design, provide an efficient, comfortable solution for ultrasound exams.

Highlights

MultiHertz™ Multiple Frequency Imaging:

Provides a range of user selectable frequencies to optimize resolution, enhancing the versatility of each wideband transducer.

Hanafy Lens Transducer Technology:

Delivers excellent image uniformity throughout the field of view for improved resolution at depth.

Tissue Harmonic Imaging:

Advanced phase inversion harmonics remove image clutter and improves contrast resolution for exceptional image quality in abdominal, obstetrical and gynecological exams.

AutoColor™ Technology:

Optimizes color Doppler for varying flow states such as the abdominal aorta or renal vein.

TGO™ Tissue Grayscale Optimization Technology:

Shortens exam time, reduces repetitive motion and increases diagnostic confidence with consistently optimized exams across patients, operators and applications at the touch of a button.

SynAps™ Synthetic Aperture Technology:

Improves resolution at depth for greater diagnostic confidence.

DIMAQ-IP Workstation:

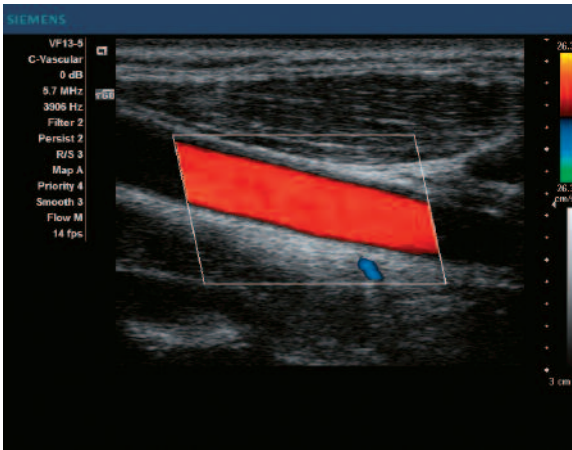
Provides easy access and archival of patient demographic data, clinical images and report data.

ACUSON X300 ultrasound system

The versatile, compact platform for today's wide range of general imaging challenges.

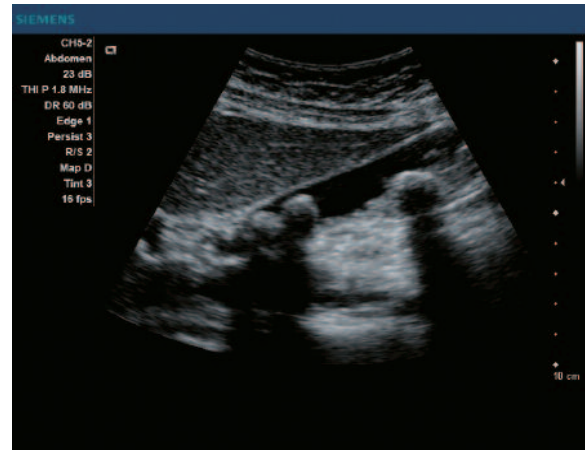
www.siemens.com/medical

SIEMENS
medical



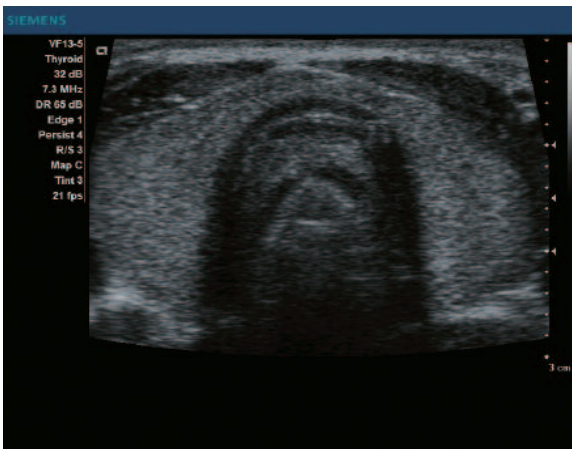
Color Doppler Imaging

- Excellent color sensitivity demonstrates low flow in the vertebral artery while displaying appropriate flow in the common carotid artery.



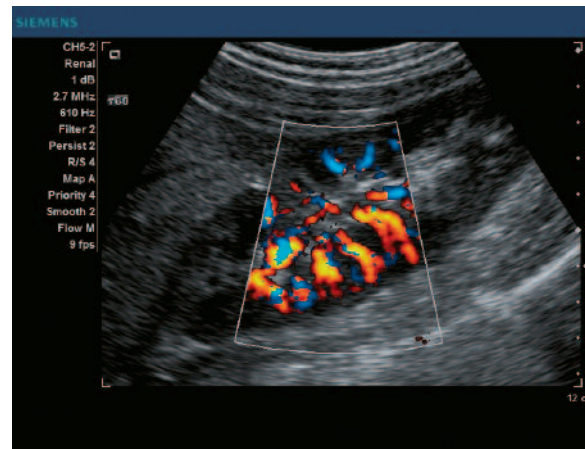
Tissue Harmonic Imaging

- Gallstones are clearly demonstrated with improved contrast resolution that Tissue Harmonic imaging provides.



Virtual Format Imaging

- Virtual format imaging provides an increased field-of-view to clearly display the entire thyroid gland.



Hanafy Lens Transducer Technology

- Superb 2D contrast resolution and color Doppler spatial resolution are demonstrated in the kidney.

ACUSON, AutoColor, ErgoDynamics, MultiHertz, SynAps, TGO and X300 are trademarks of Siemens Medical Solutions USA, Inc.

© 04.2007, Siemens Medical Solutions USA, Inc.
Order No. A9IUS-60-1C-4A00
Printed in the USA
WS 0407 10.0

Headquarters

Siemens Medical Solutions USA, Inc.
51 Valley Stream Parkway
Malvern, PA 19355-1406 USA
Telephone: +1-888-826-9702
www.usa.siemens.com/medical

Europe: +49 9131 84-0
Asia Pacific: +65 6341 0990
Latin America: +1-786-845-0697

USA

Siemens Medical Solutions USA, Inc.
Ultrasound Division
1230 Shorebird Way
P.O. Box 7393
Mountain View, CA 94039-7393 USA
Telephone: +1-888-826-9702