

HITACHI
Inspire the Next



F37

PRACTICAL AND POWERFUL ULTRASOUND
For Women's Healthcare

Hitachi Aloka Medical America, Inc.



Ultrasound Solutions Clearly Defined™



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ProSound F37 Overview

Thoroughly simple and compact. As a user-friendly diagnostic ultrasound system full of functional and ergonomic features, F37 is ready to be your partner.

The F37's simple operational features provide an easy and smooth workflow. The necessary controls for routine examinations are intuitively laid out, with high priority on reducing the examiner's operation steps. Imaging features inherited from higher-class models provide a work environment for concentrated examinations.

Compound Pulse Wave Generator (CPWG)

The most advanced broadband beam-forming technology combined with high speed image processing that allows for higher definition ultrasound imaging than ever before.



Broadband Harmonics™ (BbH)

Provides high quality imaging using an expanded range of harmonic signals. This technology results in excellent image resolution and sensitivity and improved penetration.



Adaptive Image Processing (AIP)

Clearly displays differences in tissues, reducing speckle noise while maintaining the frame rate. It can also display outlines more clearly by selectively emphasizing boundaries.



Spatial Compound Imaging (SCI)

The ultrasound beam is transmitted and received in real time and in the multiple directions resulting in a reduction of speckle noise, suppression of artifacts, and improvement of contrast resolution allowing lesions to be clearly observed.



Image Optimizer

At the touch of a button the B-mode image is instantly optimized to the user's preference. This technology continually monitors the user's typical settings to optimally adjust the image when pressed resulting in less manual adjustments and more efficient examinations.



SmartProbes

The new high-efficiency probes are very lightweight and designed to be high in energy conversion to transmit high-quality ultrasound beams without raising the temperature on the probe surface.



Tap icon for more info

→ Schedule a Demo

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F37 Breast Features

Silky Image Processing (SIP)

Reduces artifacts and noise and clarifies tissue borders, enabling easier observation.



Real-time 3D/4D

Real-time 3D allows the acquisition, optimization, manipulation and analysis of structures in 3D and Real-time 3D (4D).



F37 Gynecology Features

Real-time 3D/4D



Real-time 3D allows the acquisition, optimization, manipulation and analysis of structures in 3D and Real-time 3D/4D.

Multi-Planar Reconstruction (MPR)



3D acquisition that provides images of multiple imaging planes including a third plane not accessible with conventional 2D imaging.

eFlow



Displays blood flow with directional information at higher frame rates and spatial resolution compared to conventional methods. Detail and accuracy of blood flow information is greatly increased with reduced blooming of color.

Silky Image Processing (SIP)



Reduces artifacts and noise and clarifies tissue borders, enabling easier observation.

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F37 Obstetrics Features

4D Shading

A 4D rendering of the fetus which results in a more natural appearance with appropriate shadows and lighting on the fetal skin surface. Easy-to-use Lighting feature allows creation of a 4D image that provides realistic surface rendering and improves visualization of fetal deformities.



eFlow

Displays blood flow with directional information at higher frame rates and spatial resolution compared to conventional methods. Detail and accuracy of blood flow information is greatly increased with reduced blooming of color.



Zoom

High-quality image with superior spatial resolution in zoom while maintaining a high frame rate. Zoomed region can be changed with use of trackball.



Silky Image Processing (SIP)

High-quality image with superior spatial resolution in zoom while maintaining a high frame rate. Zoomed region can be changed with use of trackball.



Real-time 3D/4D

Real-time 3D allows the acquisition, optimization, manipulation and analysis of structures in 3D and Real-time 3D/4D.



F37 Reproductive Medicine Features

Real-time 3D/4D

Real-time 3D allows the acquisition, optimization, manipulation and analysis of structures in 3D and Real-time 3D/4D.

Auto Volume Measurement (AVM)

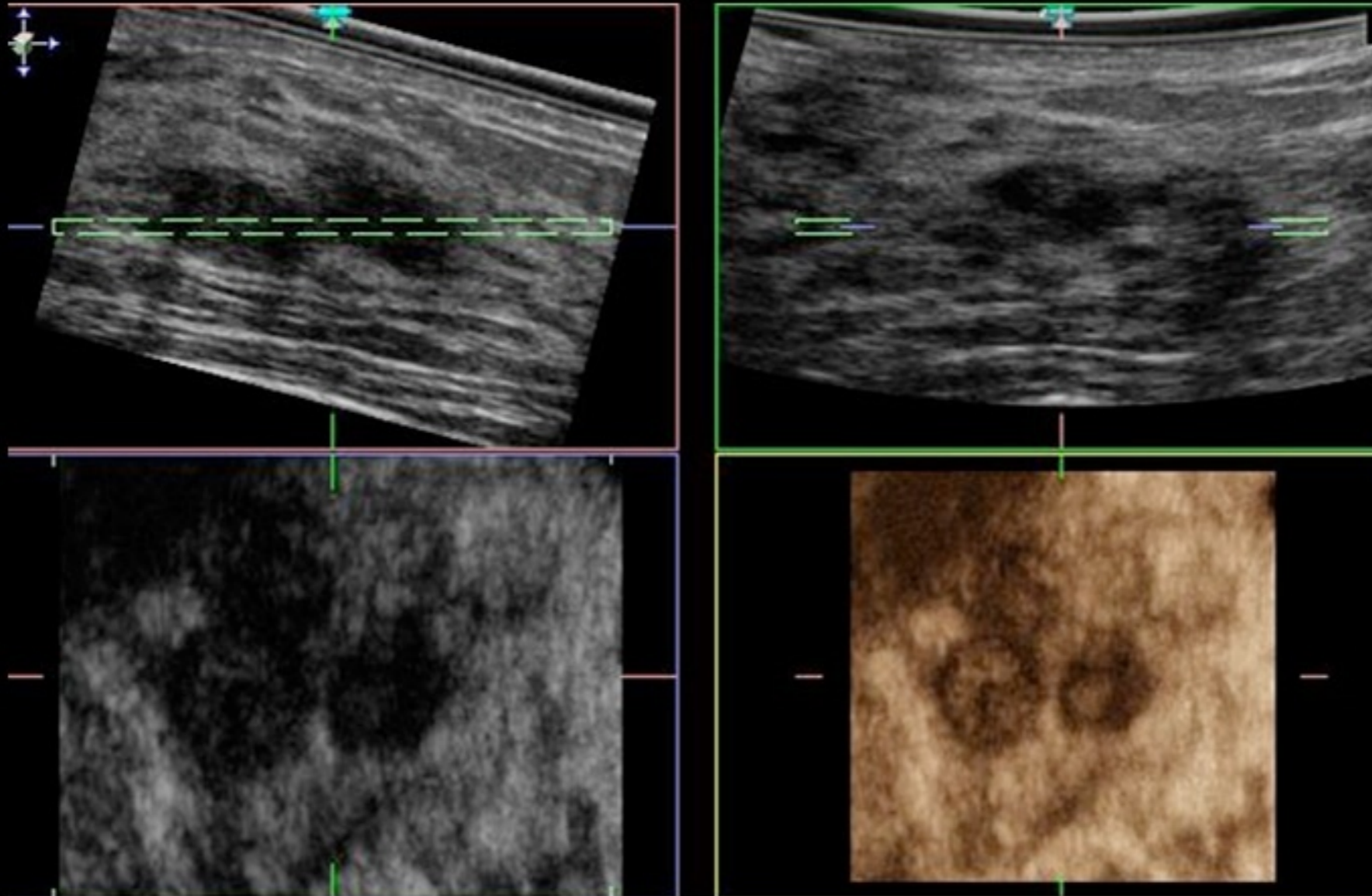
Automatic Volume Measurement accurately calculates the 3D volume of a structure.



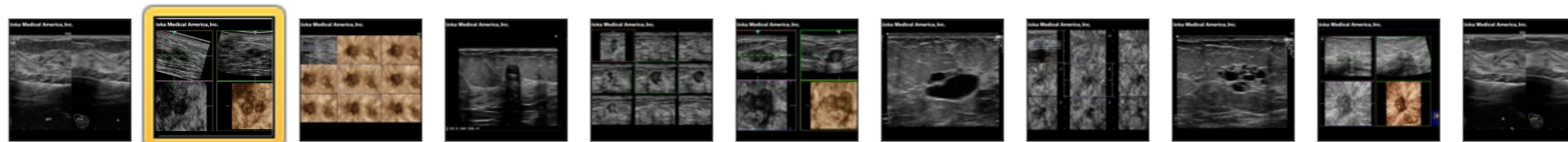
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ProSound F37 - Breast Clinical Images - Breast Solid Lesions



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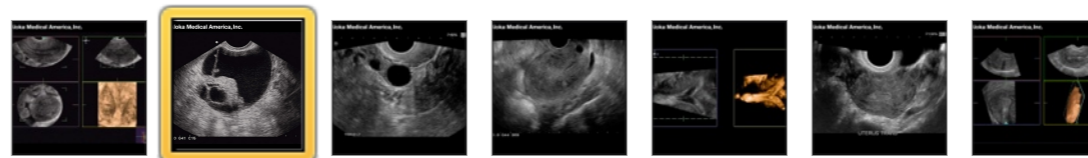
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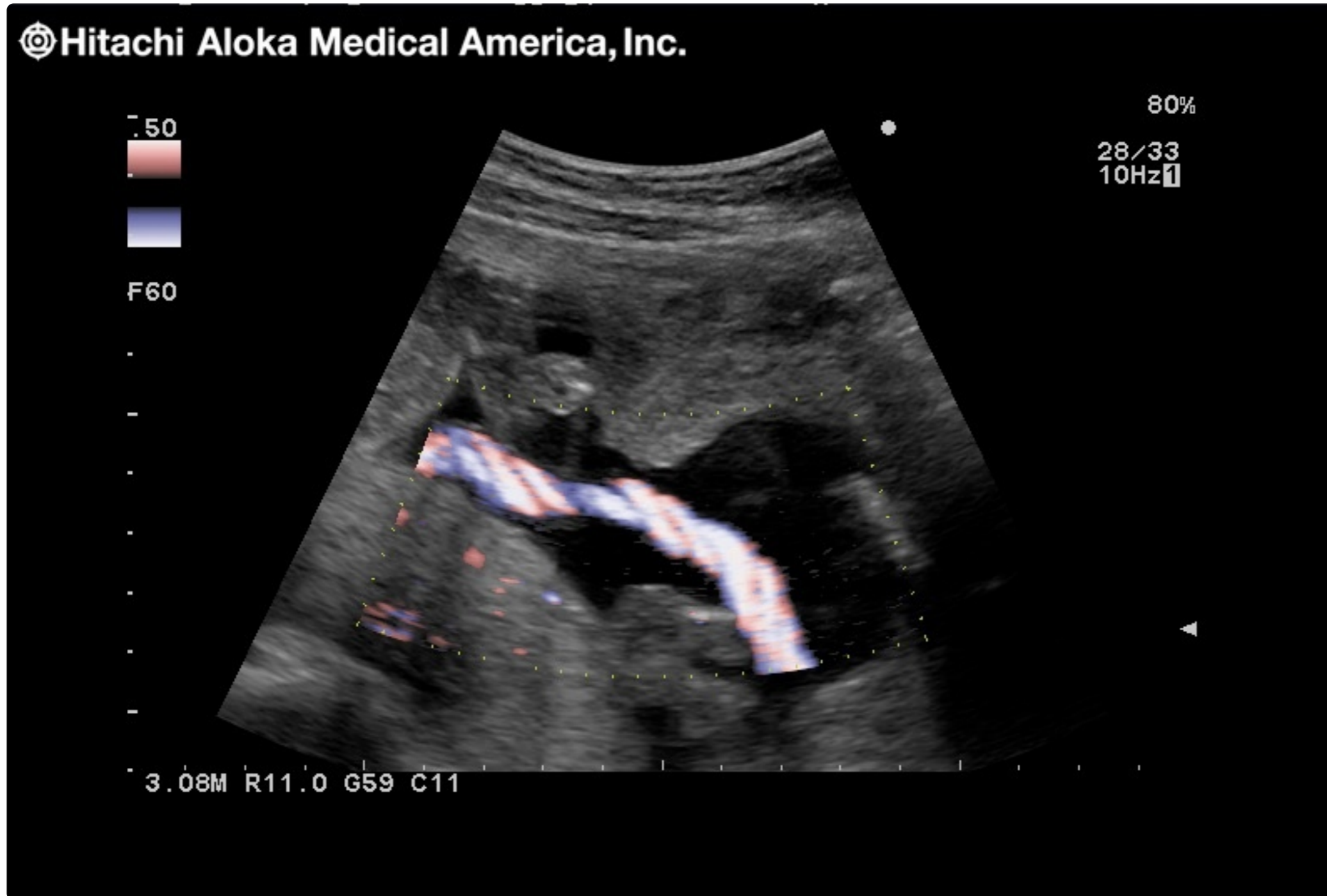
IMAGE GALLERY

Gynecologic Clinical Images



ProSound F37 - Gynecologic Clinical Images - Gyn Ovarian Complex Lesion





ProSound F37 - Obstetrics Clinical Images - Umbilical Cord eFlow



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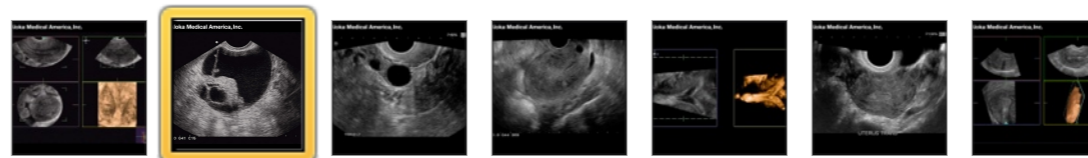
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IMAGE GALLERY

Reproductive Medicine Clinical Images



ProSound F37 - Reproductive Medicine Clinical Images - Gyn Ovarian Complex Lesion



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SPECIALTY TRANSDUCERS



Ultrasound Solutions Clearly Defined™

UST-9123

UST-9124

ASU-1012

UST-568

ASU-1014



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