DC- 30

Diagnostic Ultrasound System

Primary Care with Great Vision

FullHD



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FullHD

Higher Imaging Definition

Higher Reliable Dependence

Higher Ergonomic Design



FullHD is a progressive solution to fulfill your demands, which devotes for better primary healthcare service. Standard ultrasound systems available today typically allow for a basic diagnosis but lack advanced functionality. Now, the DC-30 with FullHD is the perfect answer for high quality image performance, with 21.5inch touch screen and advanced function such as Auto IMT, iScape, Natural Touch Elastography, UWN Contrast Imaging and Tissue Doppler Imaging in General Imaging and Smart OB, Smart Face and iLive in OB.

mindray

FullHD
Great View
OBG Solution
GI Solution
Education Resource
User-oriented Design

More clarity for diagnosis

Enhancing the quality for diagnosis

By the application of classic imaging technologies, which are migrated from established ultrasound systems, DC-30 with FullHD provides you with the enhancement on the quality of image detail.

21.5" FullHD LED monitor

- 21.5" FullHD display
- Precise clarity with more details for diagnosis
- The largest display size and the highest resolution in the same tier

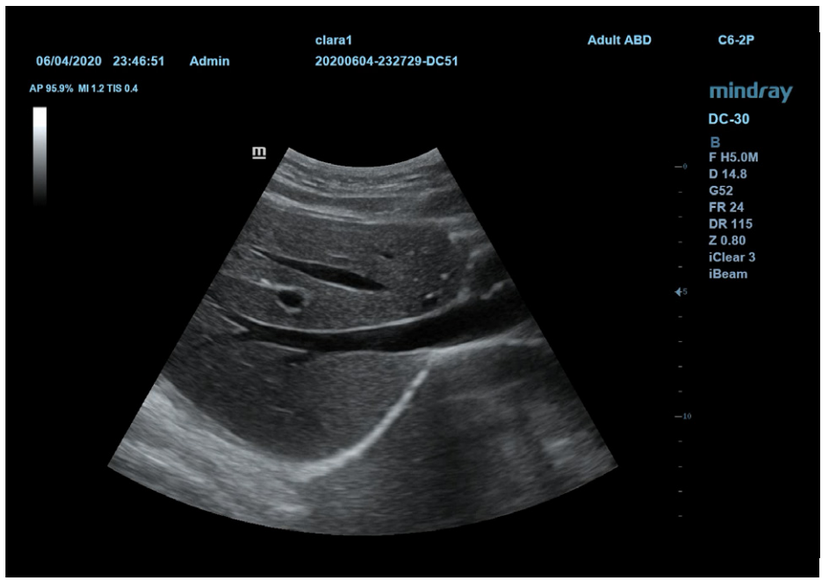


More clarity for diagnosis

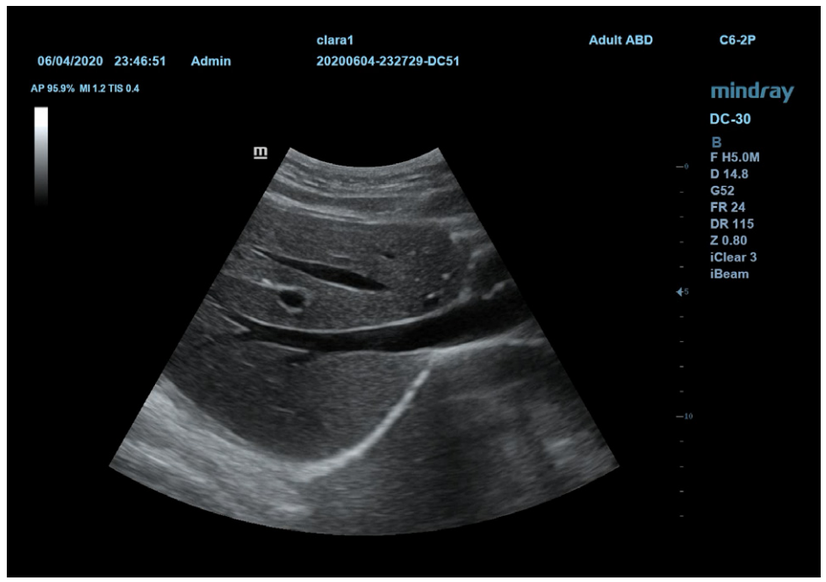
iClear Speckle-reduction imaging technology

Gain improved image quality based on auto structure detection.

• Sharper & Continuous Edges • Smooth Uniform Tissues • Cleaner 'no echo areas'



iClear off

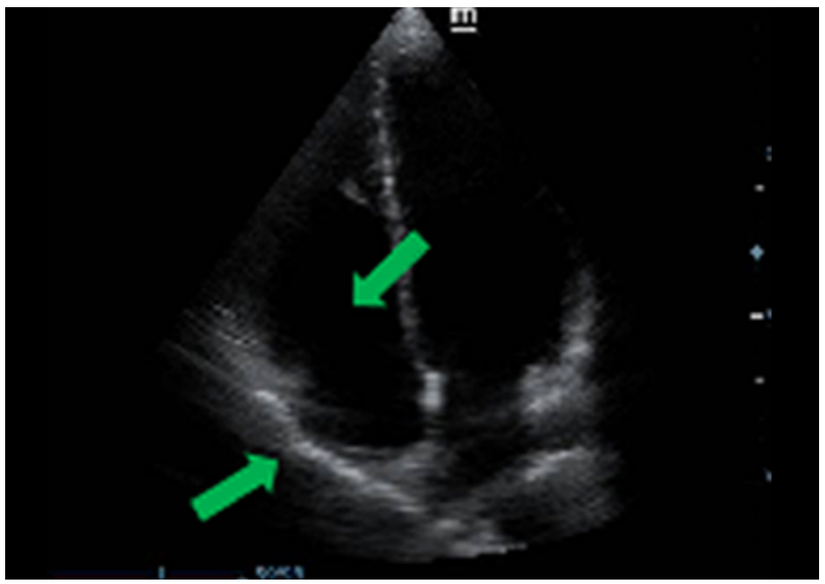


iClear on

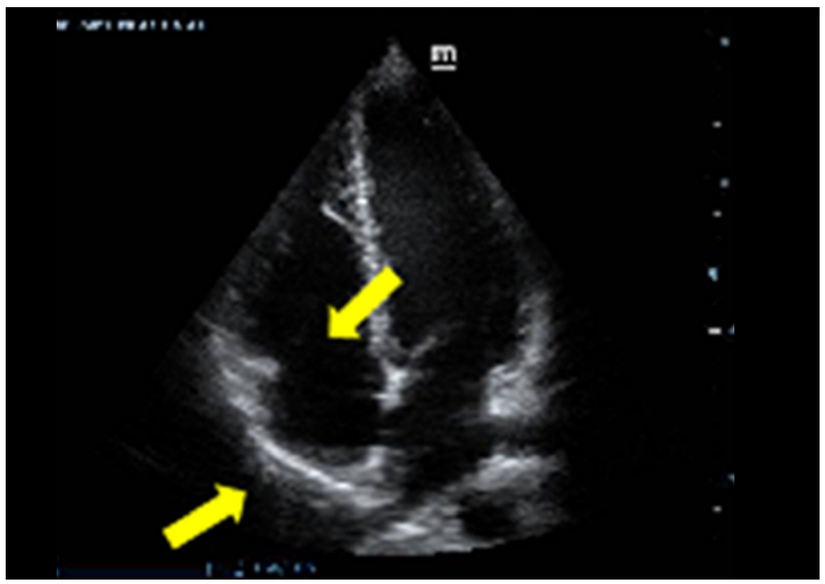
More clarity for diagnosis

PSH Phase Shift Harmonic imaging

Purified Harmonic Imaging for better contrast resolution providing clearer images with excellent resolution and less noise.



Traditional Linear Image



ComboWave Linear Image

More clarity for diagnosis

iBeam Spatial-compounding imaging technology

Permits use of multiple scanned angles to form a single image, resulting in enhanced contrast resolution and improved visualization.



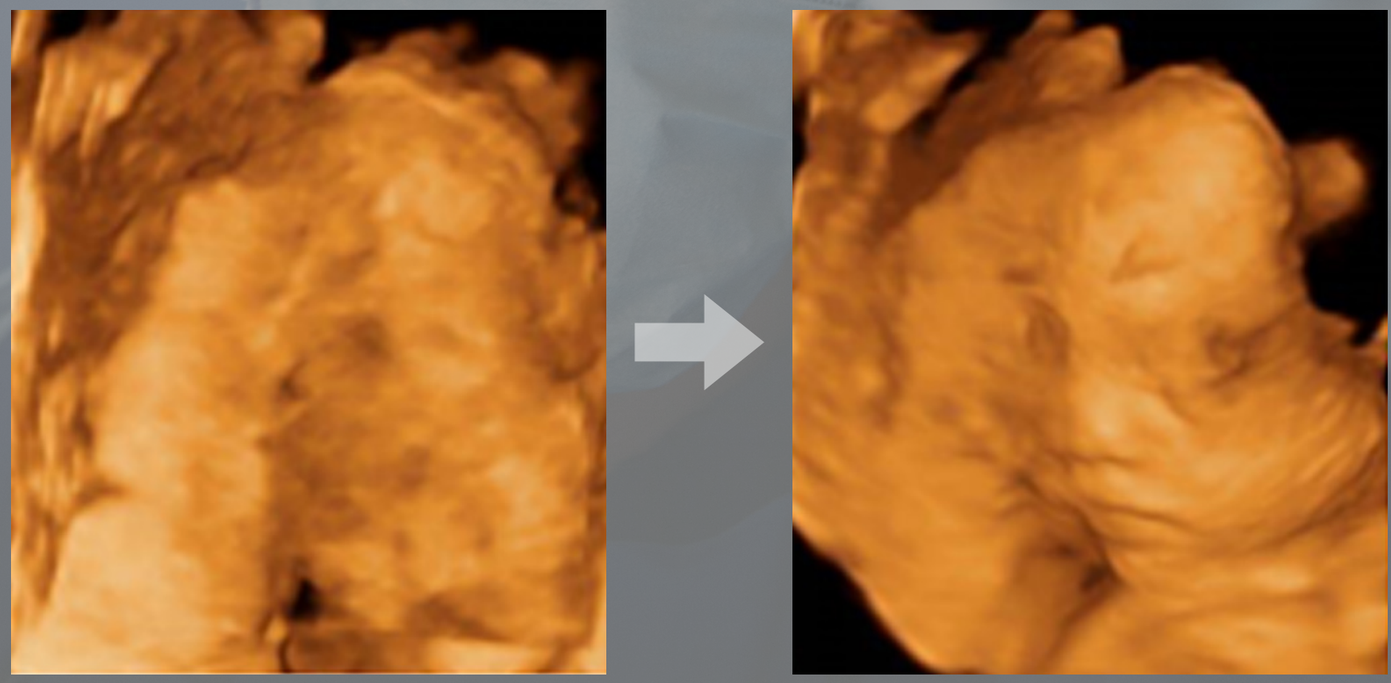
Conventional Imaging

ComboWave Linear Image

Mindray's OBG in primary care

Smart Face

Smart Face provides fast and intelligent optimization for fetal face with one-touch operation. It immediately removes occlusions and eliminates noise information, generating an optimal view of the fetal face with more simplicity.



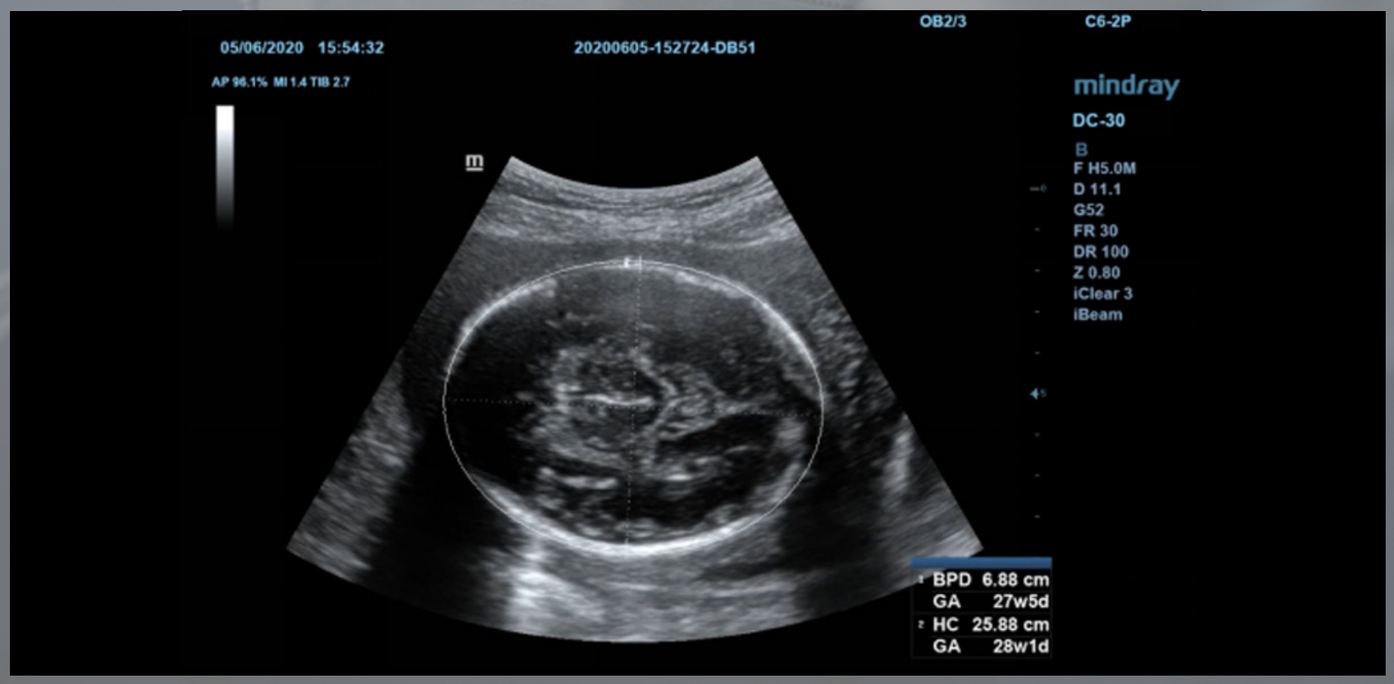
Original image

After 'Smart Face'

Mindray's OBG in primary care

Smart OB

Smart OB provides accurate auto measurements for most frequently examined fetal parameters including BPD, OFD, HC, AC and FL.



Mindray's OBG in primary care

iLive

Integrating a ray-casting algorithm with a new virtual lighting modality, iLive generates an amazingly realistic view of the fetus with human skin-like images.



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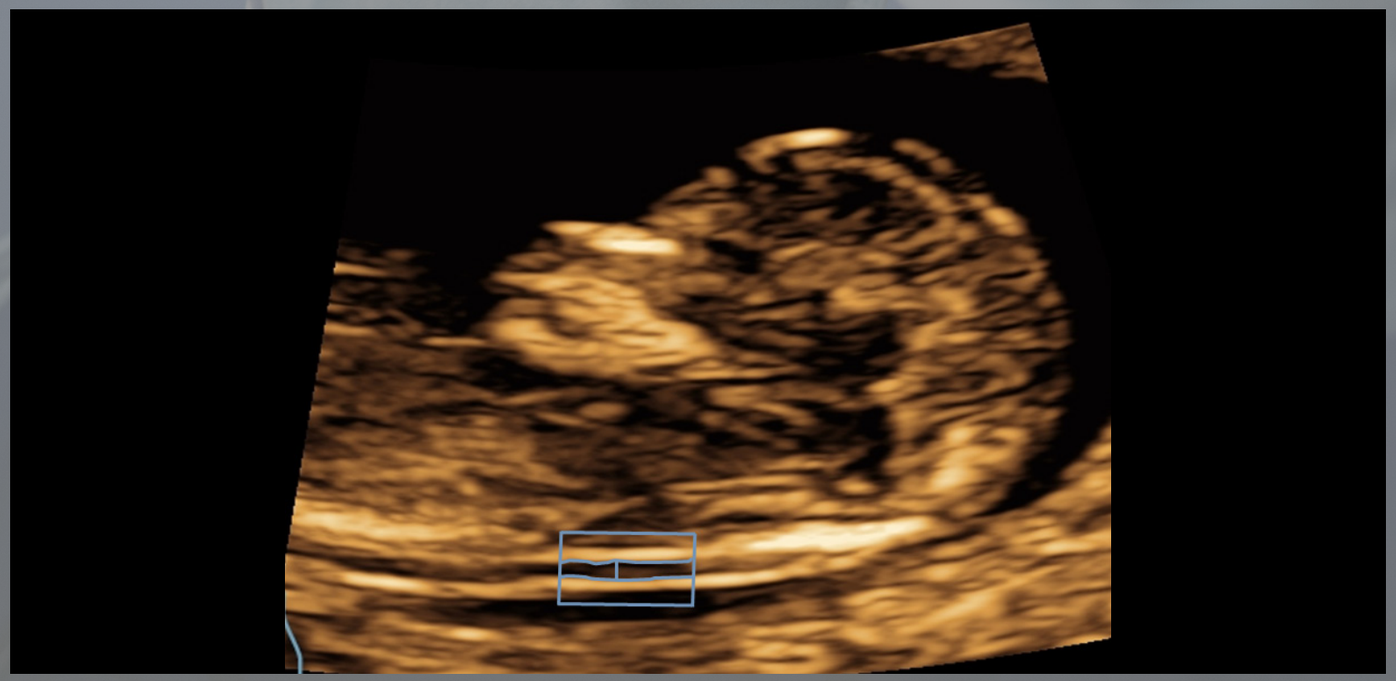
Mindray's OBG in primary care

Smart NT

Automatically trace the NT tube cavity edge and display max NT result by industry standard method of "In to In".

Clinical benefit:

- A useful tool to support the NT mandatory test
- Displays the Max NT value with accuracy



mindray

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User-oriented Design

Mindray's GI solution in primary care

iTouch

DC-30 with FullHD delivers a range of tools that maximize diagnostic accuracy with convenience. Covering General Imaging, OB/GYN, DC-30 with FullHD provides you with a complete solution for mainstream clinical applications, with simplified workflow for efficiency.

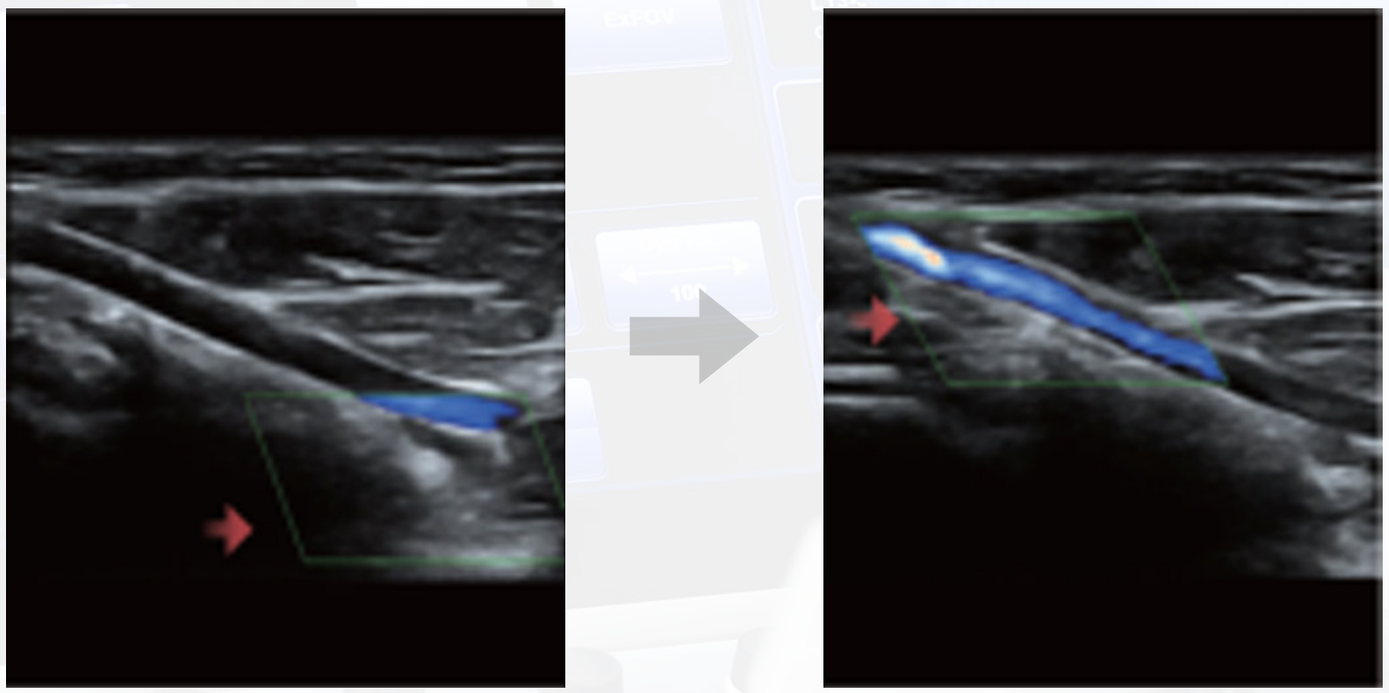


iTouch

Mindray's GI solution in primary care

Smart Track

Smart Track provides a fast and intelligent optimization for vascular imaging with simply one-touch operation. It can optimize Color, Power and PW spectrum by self-tracking and reduce time-consuming steps. Therefore the vascular exam workflow is simplified with an optimal view.



FullHD

Great View

OBG Solution

GI Solution

iTouch

Smart Track

Advanced Proven Function

Education Resource

User-oriented Design

Mindray's GI solution in primary care

Proven advanced function

· UWN (Ultra-Wideband Non-linear) Contrast Imaging

Mindray's unique contrast imaging technology, utilizing contrast agent characters with both 2nd harmonic and non-linear fundamental signal to get improved S/N ratio for better diagnostic details and longer contrast agent duration for better observation.

· ExFOV

Discover better diagnostic information through extended view of the anatomical structure on all convex and linear probes.

· B-Steer™

Your tool for deeper biopsy: allowing adjustments to the scan line to gain better visibility of the needle, nerves and small vessels.

· TDI

Tissue Doppler Imaging allows you to quantitatively evaluate local myocardial movement and function, providing complete TDI modes for faster and direct diagnoses.

Higher Reliable Dependence

iScanHelper Inbuilt Tutorial Module

Provide basic scanning knowledge with the operation technique, standard planes and anatomical information





① Wide selection of application-specific exam planes

- Plane packages covering various applications: Abdomen, OB/GYN, Thyroid, Breast, Testicle.
- Including different (multiple) image modes.

② Anatomical illustrations

- Normal anatomical illustrations including schematic and ultrasound pictures.
- Side display of standard ultrasonogram providing visual guidance on the region of interest.

③ Standard ultrasound images

④ Tips on scanning and diagnosing

⑤ Scanning reference pictures

- Correct patient position and probe placement demonstration.

170+ Scanning Planes | **6+** Exam Mode | **15+** Tissue Organ | **Limitless** Empower yourself

User-oriented Design



21.5 Inch Screen:
1920 x 1080, 180 Rotation

Gel Warmer

3 Active Probe Sockets

Smooth Lockable Wheels

FullHD Tier

FullHD

Height-adjustable Control Panel

Built-in Battery

DC- 30

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