

**CHISON**  
Value Beyond Imaging

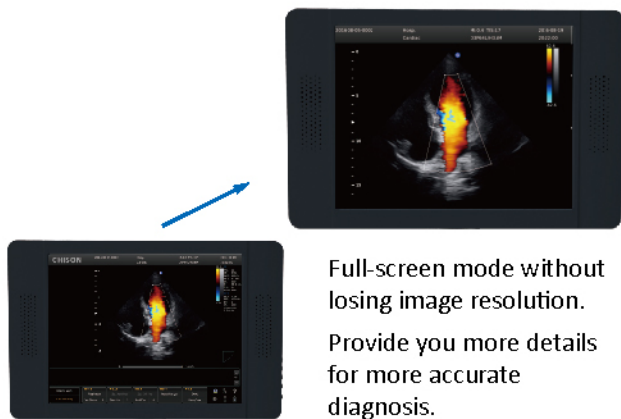
# QBit 5

Redefine the console color doppler system

Approved by FDA&CE

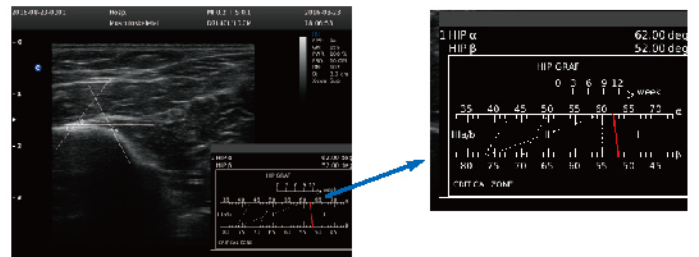


## Full display Mode



Full-screen mode without losing image resolution.  
Provide you more details for more accurate diagnosis.

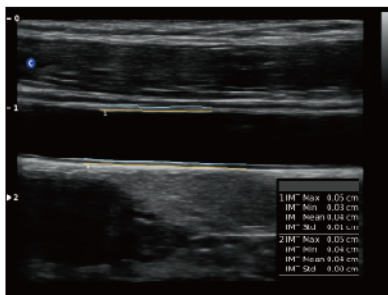
## HIP Graph



Use a graph for hip orthotics diagnosis, help the doctor to give a more easier and more accurate diagnosis during the pediatric hip scanning.  
Different angle indicate different level of hip deformity, which is more easier and obvious to see with the aid of the graph. (I, II, D, IIIa, IIIb,).

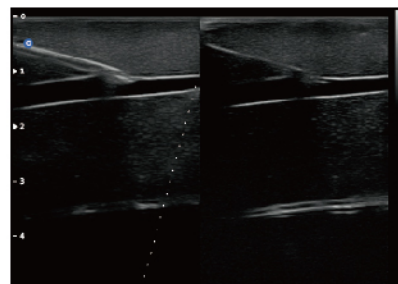
## Auto IMT Function

Automatically traces the intima, and measures the thickness of the intima. This allows you to measure the intima faster, more easily and more accurately.



## Super Needle

With Super Needle, clinicians can see needle inside tissue more clearly during medical procedures. Needle angle up to  $\pm 30^\circ$



# Advanced Technologies



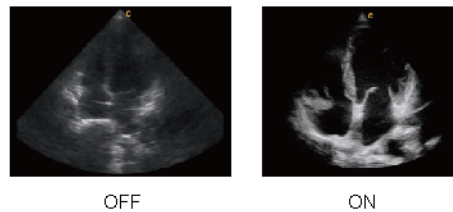
## X-contrast

- Contrast resolution can be set at 3 different levels according to the tissue difference.
- Activated by one key: Enhance, Normal, Suppress.



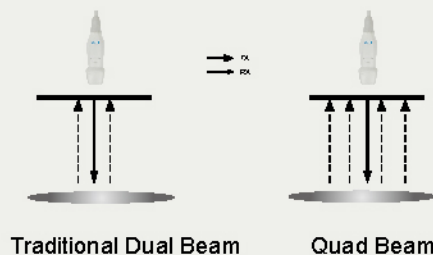
## FHI

- An innovative harmonic technology that using different transmission and receiving methods for different body sized patients, to maximize the resolution without losing the penetration.
- Better than traditional THI and phased harmonic which compromise the penetration.
- This greatly helps to improve diagnostic confidence on big patients.



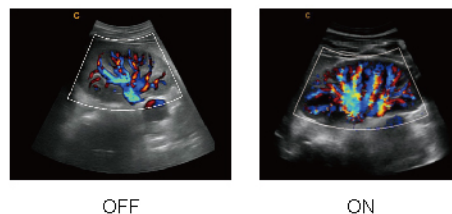
## Q-beam

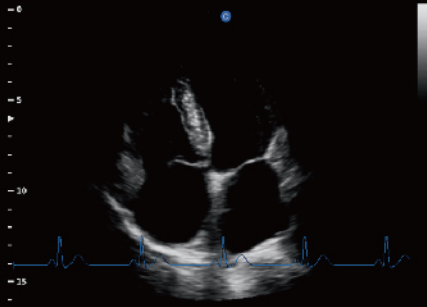
- Compared to the traditional dual-beam, QBit uses quad-beam to receive signal, thus doubles the volume of signal received as well as the frame rate.
- Higher frame rate ensures better diagnostic confidence and efficiency.



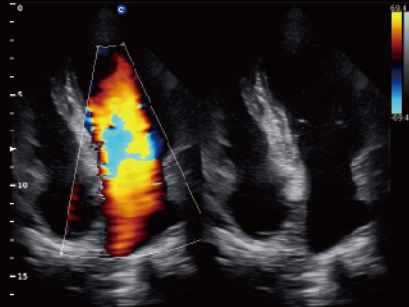
## Q-flow

- This adaptive color detection technology can automatically adjust the assessment of color signal and noise according to different tissues.
- As a result, color sensitivity of low-velocity flow is greatly enhanced.

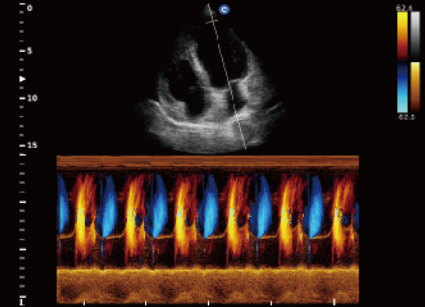




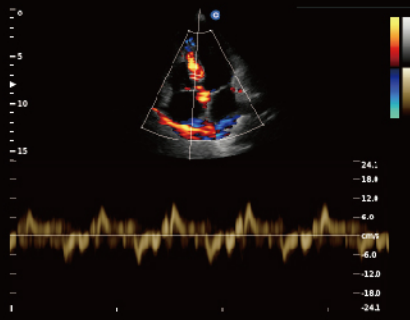
Four Chambers View, ECG



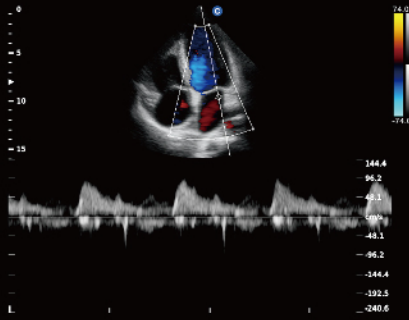
Four Chambers View, B/BC Mode



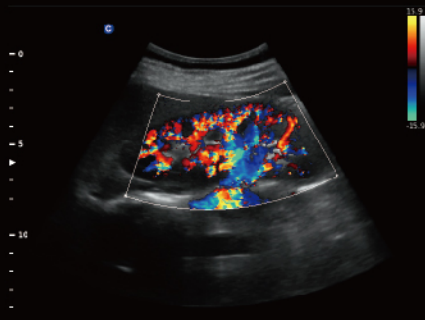
Four Chambers View, Color M Mode



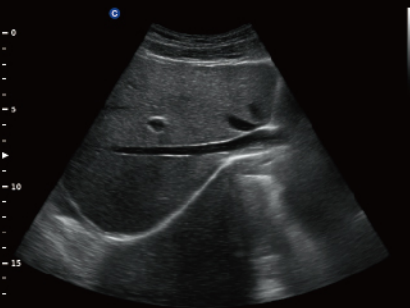
Four Chambers View, TDI Mode



Cardiac, CW Mode



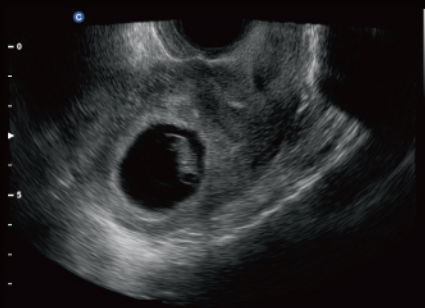
Kidney, C Mode



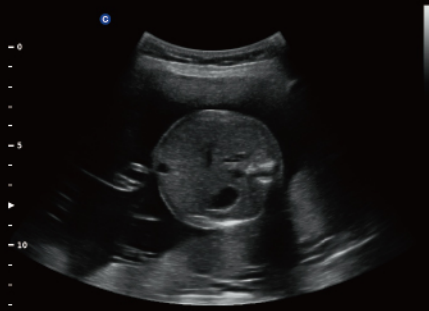
Hepatic Vein, B Mode



Hepatic Vein, C Mode



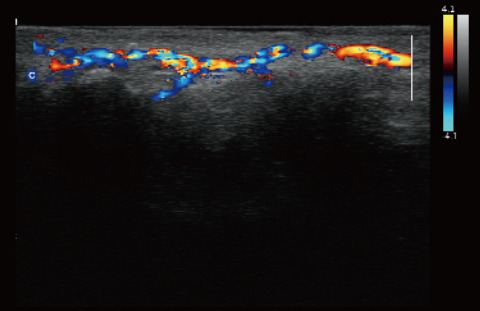
Gestational Sac, B Mode



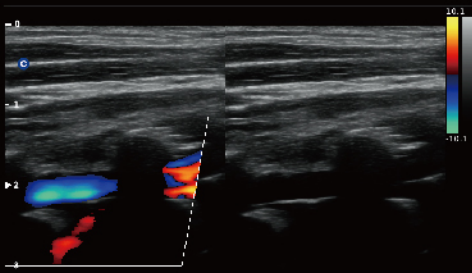
Early Pregnancy, B Mode



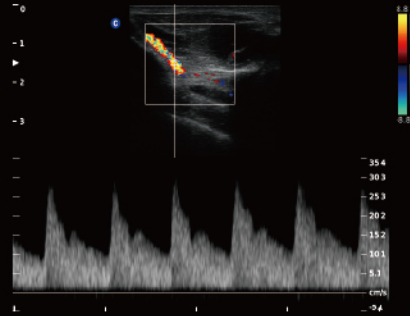
Umbilical Cord, B Mode



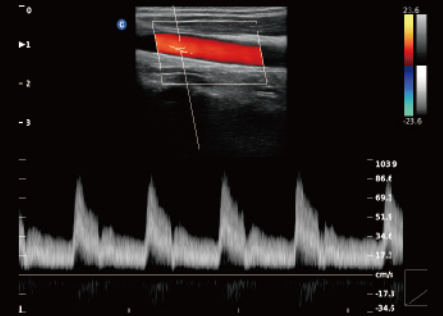
Fingertip Vessel, C Mode



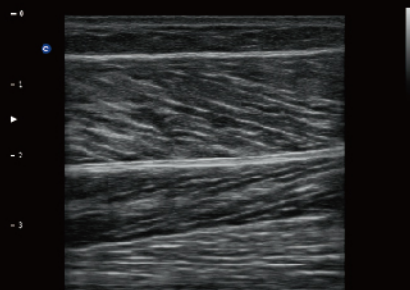
Vertebral Vessel, B/BC Mode



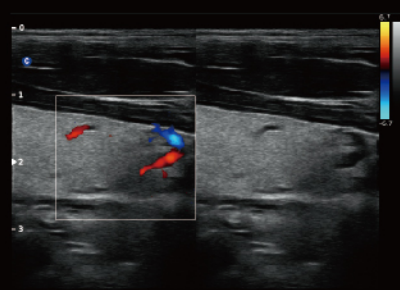
MSK, PW Mode



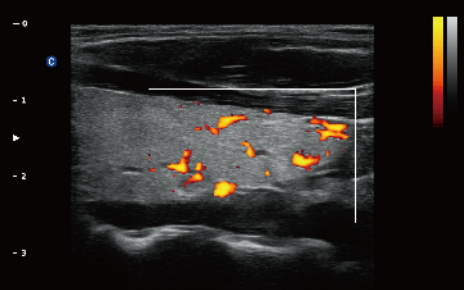
Carotid, Triplex Mode



MSK, B Mode



Thyroid, B/BC Mode



Thyroid, CPA Mode

# Specifications

## Imaging Modes & Features

- B, 2B, 4B, B/M
- CFM, CPA, B/B C
- PW, CW, Color M, TDI, ECG (option)
- PD, Directional PD
- Duplex, Triplex
- Trapezoidal Image
- 2D Steer
- Chroma B/M/PW
- HIP graph
- Full screen
- Super Needle(option)
- Auto IMT(option)
- DICOM

## Image Processing Technologies

- Speckle Reduction Algorithm (SRA)
- Compound Image
- Q-image
- Q-flow
- X-contrast
- Q-beam
- FHI

## Professional Clinical Applications

- ABD
- OB / GYN
- Vascular
- MSK
- Small Parts
- Urology
- Pediatric



2.0MHz-6.8MHz Convex  
D3C60L



4.0MHz-15.0MHz Linear  
D7L40L



4.0MHz-12.0MHz Transvaginal  
D6C12L



4.0MHz-15.0MHz Transvaginal  
D7C10L



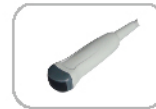
4.0MHz-15.0MHz Trans Rectal  
D7L40L-REC



2.0MHz-6.8MHz Micro-Convex  
D3C20L



4.0MHz-10.7MHz Micro-Convex  
D5C20L



4.0MHz-12.0MHz Micro-Convex  
D6C15L



1.5MHz-5.3MHz Phased array  
D3P64L

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