



XBit 90

A New Experience in Console Ultrasound





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CHISON is continuously researching and exploring the new technologies to improve performance. XBit 90's brand new processing platform brings brilliant ultrasound image quality, which is a milestone for CHISON.

In addition to outstanding image quality, XBit 90 also helps you enhance the accuracy of medical clinical diagnosis and improve scanning efficiency with hi-tech. XBit 90 can take you to experience digital intelligent ultrasound, brings you simple operation and accurate diagnosis.



PREMIUM DESIGN



360°

23.8 inch HD LED

13.3 inch HD touch panel

12°slope

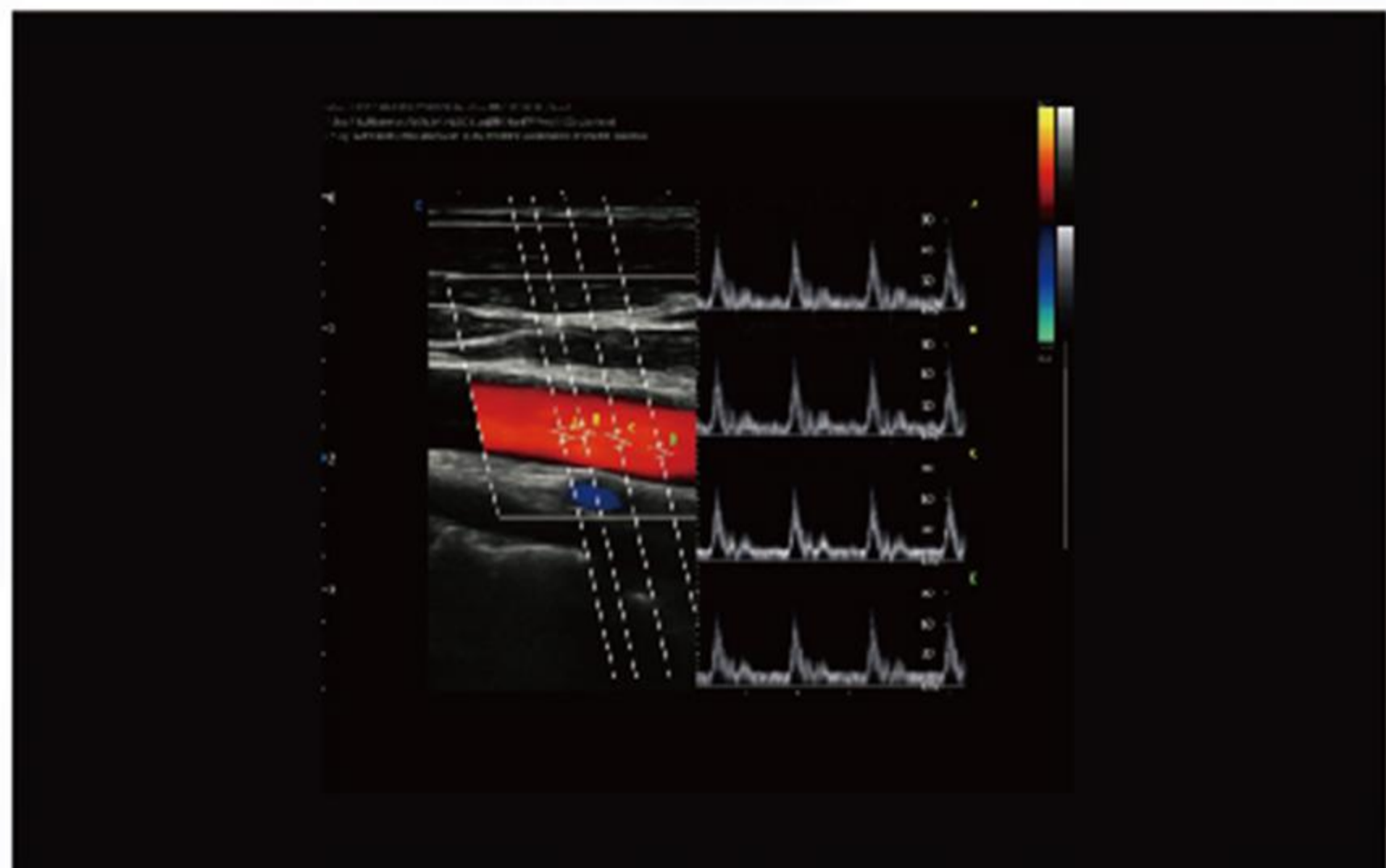
15cm

Internal Battery

Hero Kit

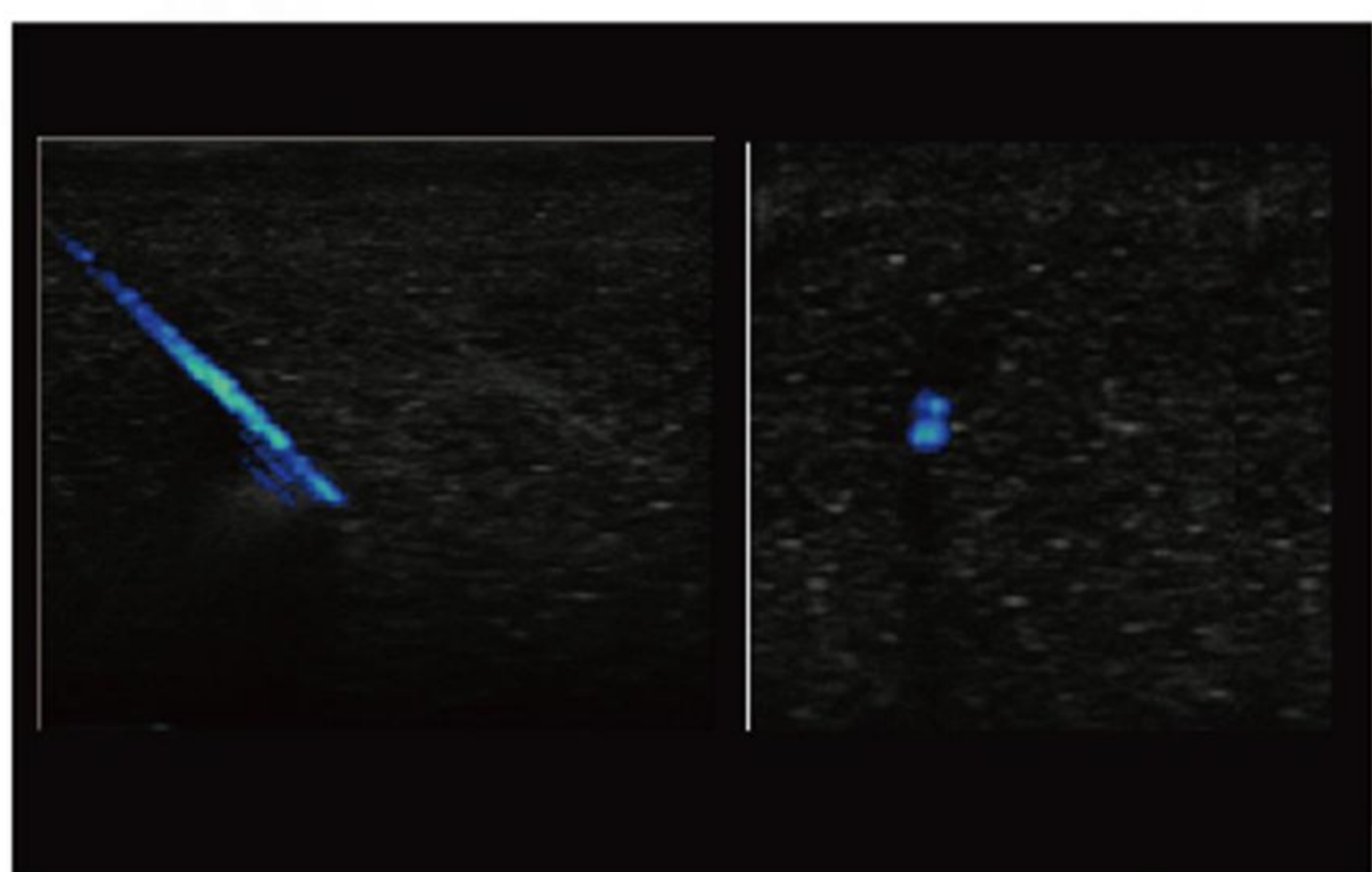
Innovative service solution
Quick · Easy · Reliable · Affordable

PREMIUM FEATURES



SonoPW

- The sample gate can be extended to 4 during PW mode.
- It can switch and active each sample gate to realize multi-point spectrum measurement in the same cardiac cycle at the same scanning plane ;Support synchronous display of spectrum and speed value.



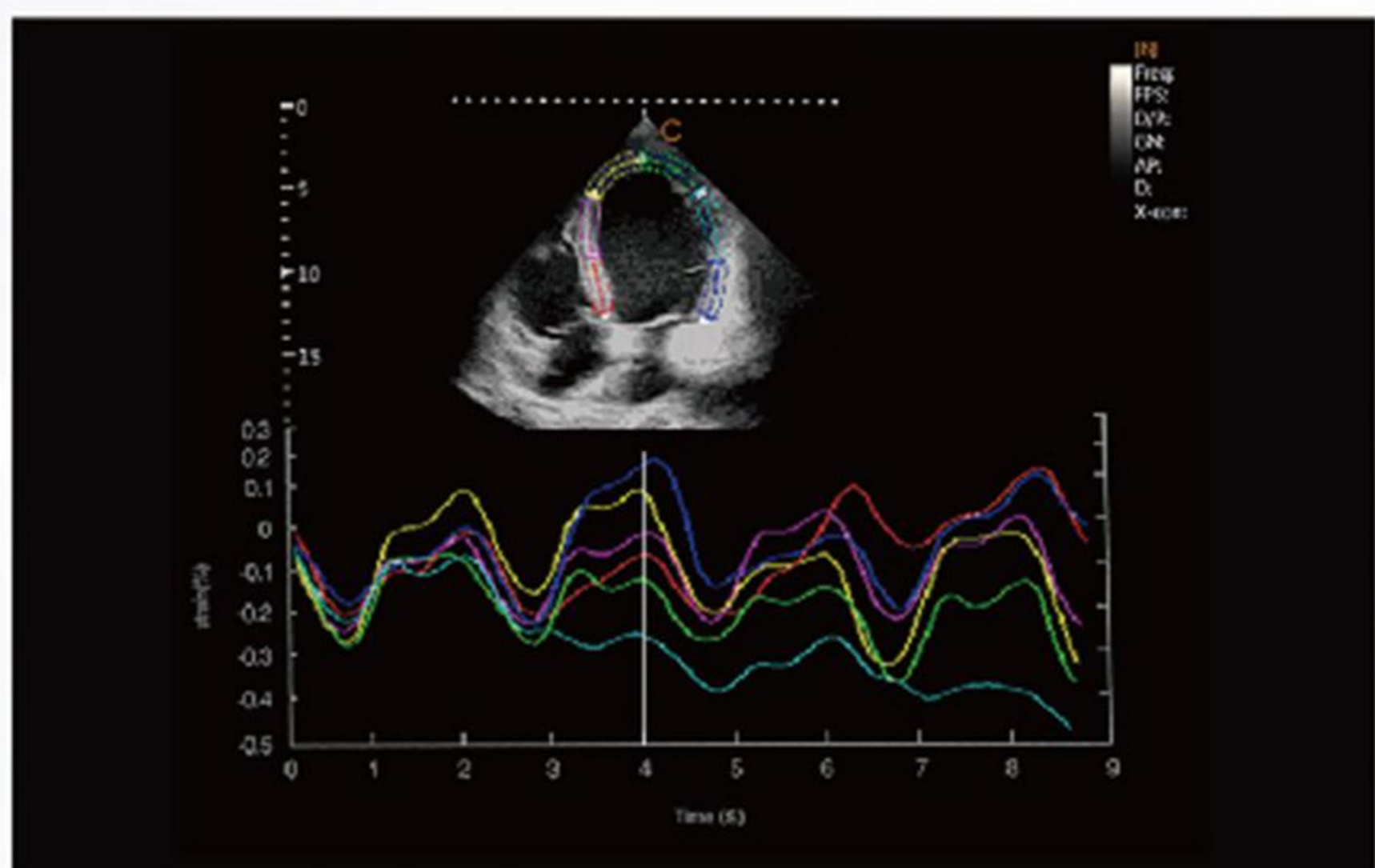
SonoNeedle

- SonoNeedle function is a cutting-edge ultrasound diagnostic puncture navigation system. In this mode, the needle path and needle tip position are dynamically displayed in color in real time.
- It can improve puncture efficiency and accuracy.



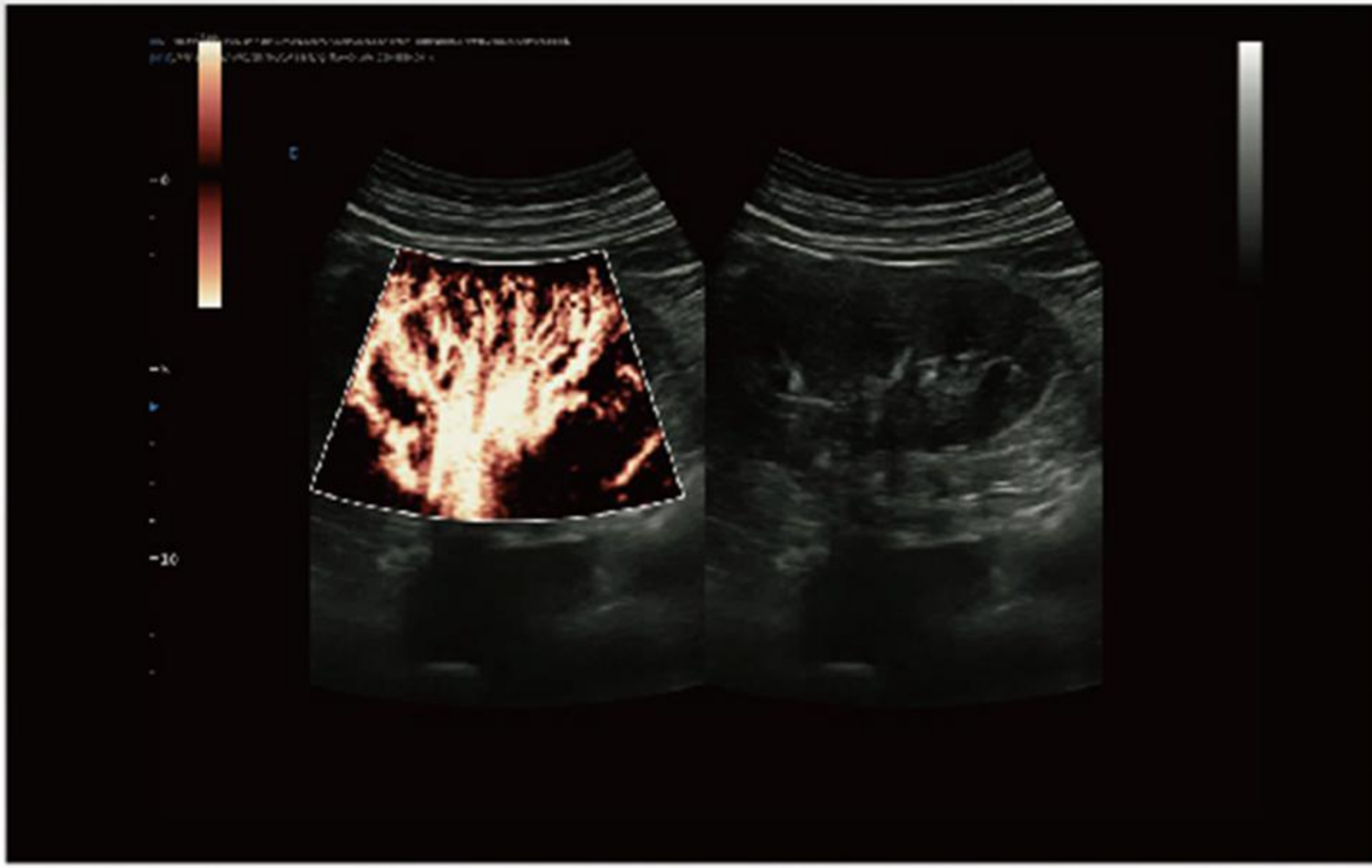
Auto EF

- Automatically recognize and envelope the endocardium accurately, and provide cardiac function measurement values (EDV,ESV,EF) synchronously.
- Greatly improve work efficiency.



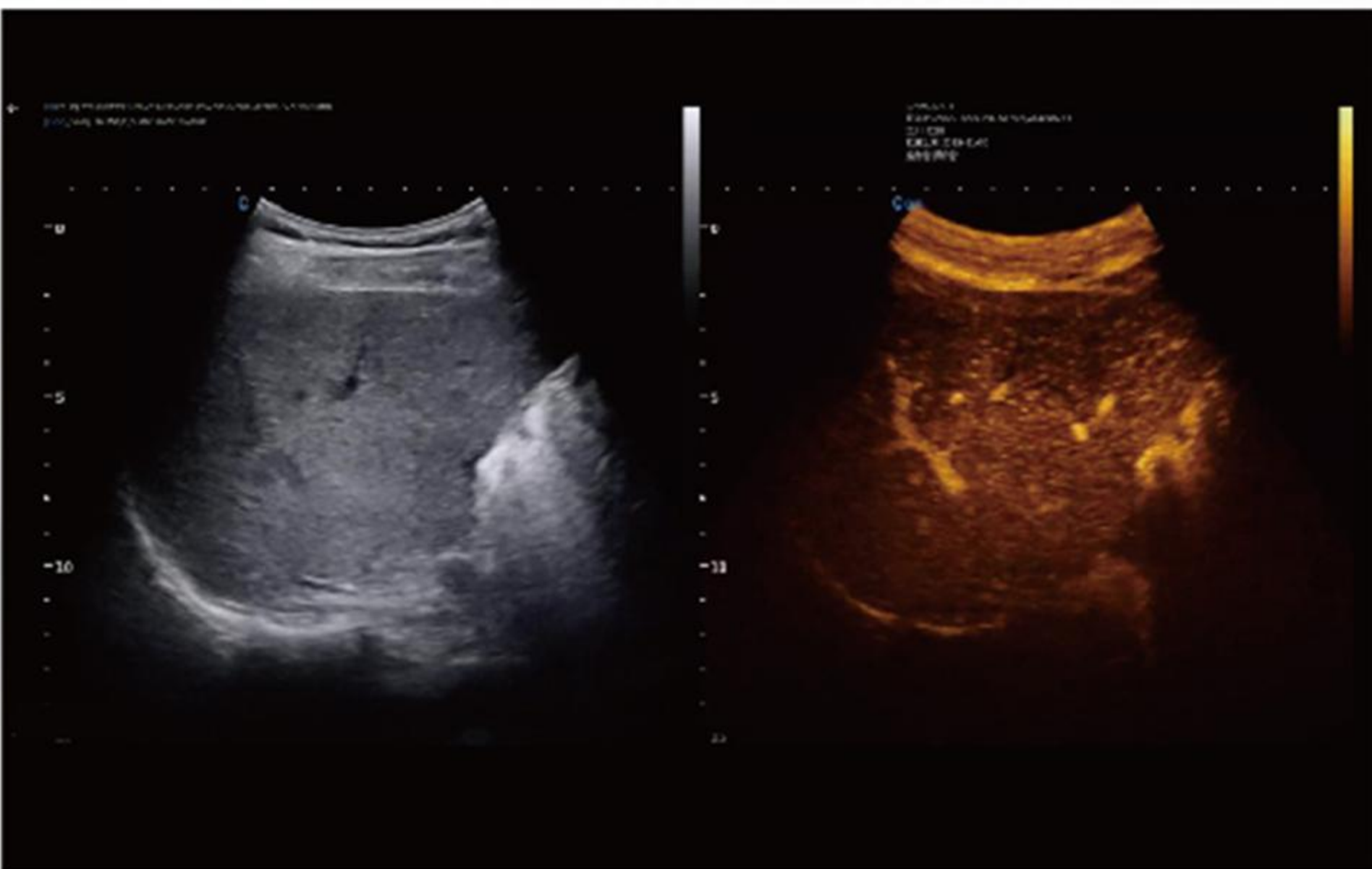
Strain and Strain Ratio

- A new non-invasive method for assessment of myocardial function.
- Ability to differentiate between active and passive movement of myocardial segments, to quantify intraventricular dyssynchrony.
- To evaluate components of myocardial function.



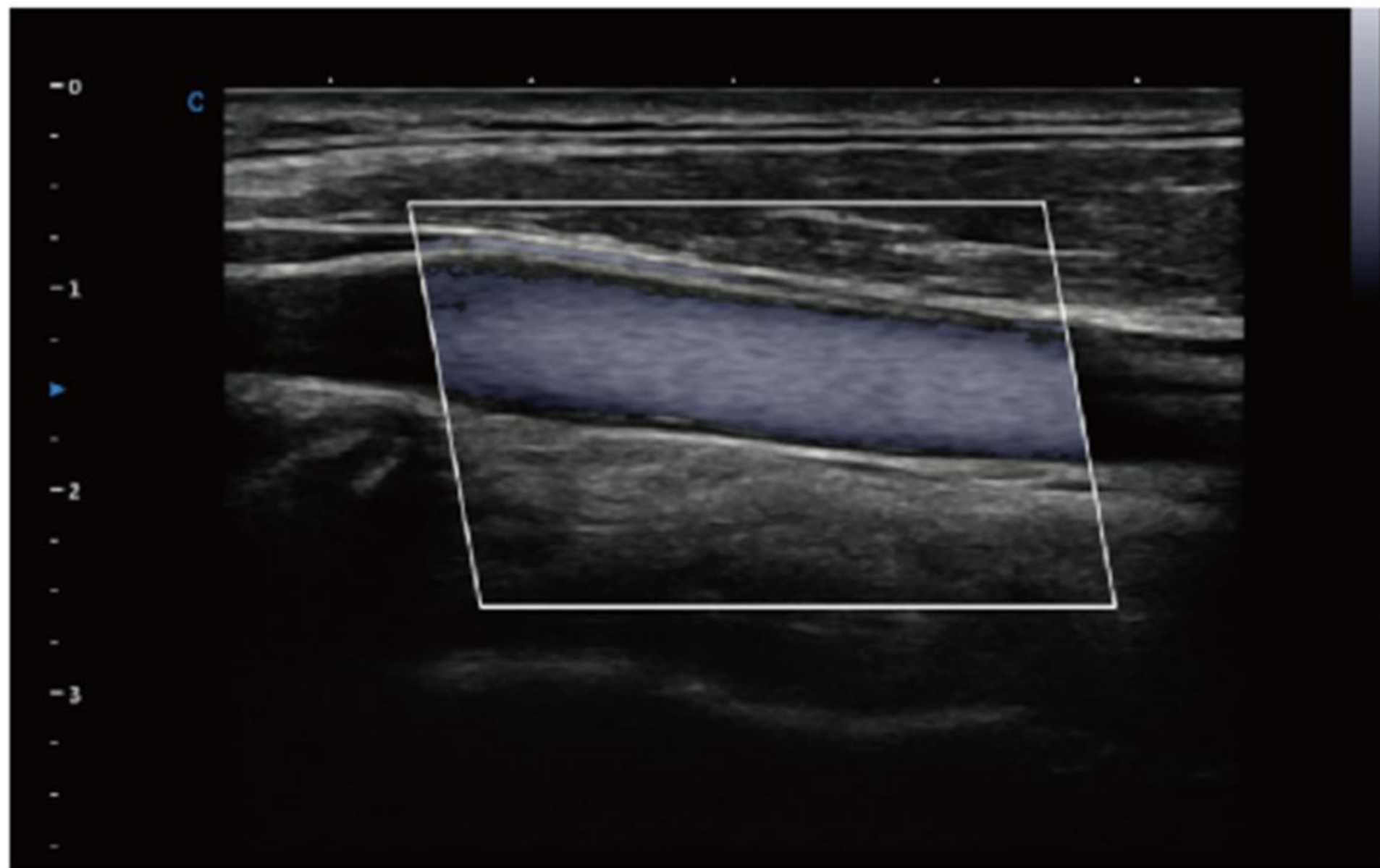
MVI

- It applied a brand- new algorithm to check the blood flow .
- Greatly improve the visualization sensitivity of low velocity and small blood vessels.
- Provide more and accurate blood flow information for clinic.



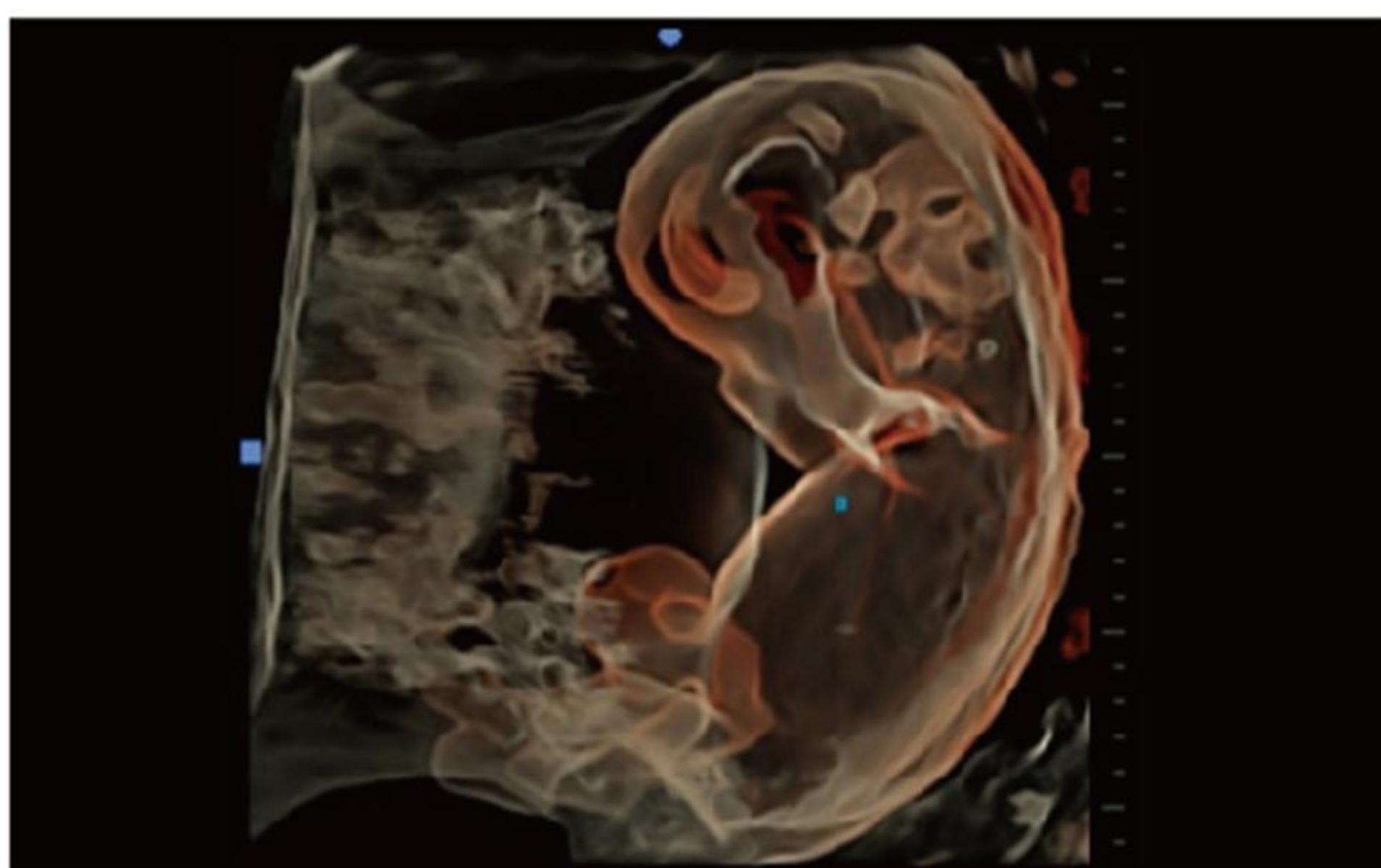
SonoContrast

- Been developed in order to visualize the micro-circulation in tissue, that is, the blood flow in imperceptible blood vessels.
- Potentially be used for improved diagnosis and therapy in several clinical situations.
- More sensitivity, better performance.



SoundFlow

- Due to the latest color technology, to display the color scale .
- Improve the color sensitivity.

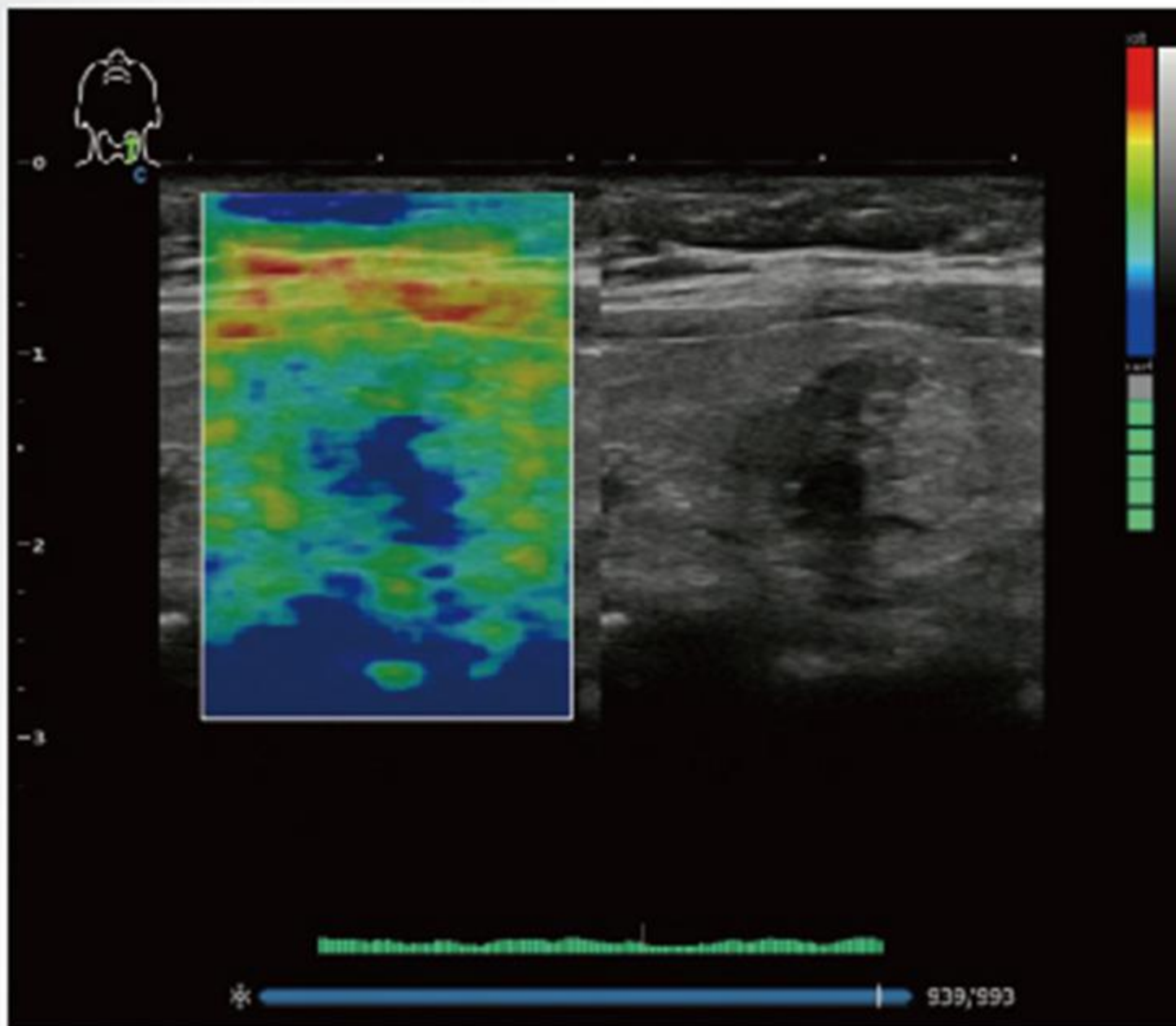
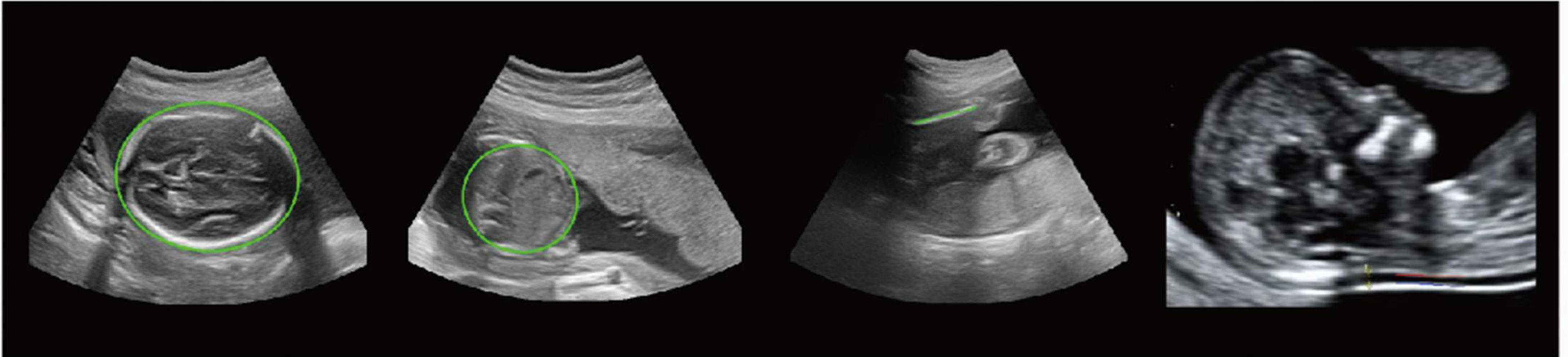


SonoCrystal

- Provide context and surface information.
- Allow an accurate understanding of patient anatomy.
- Easily differentiates between soft tissue and structure.

Sono - OB

- Automatically measure: BPD, HC, AC, FL, NT.
- Efficiency and accuracy.

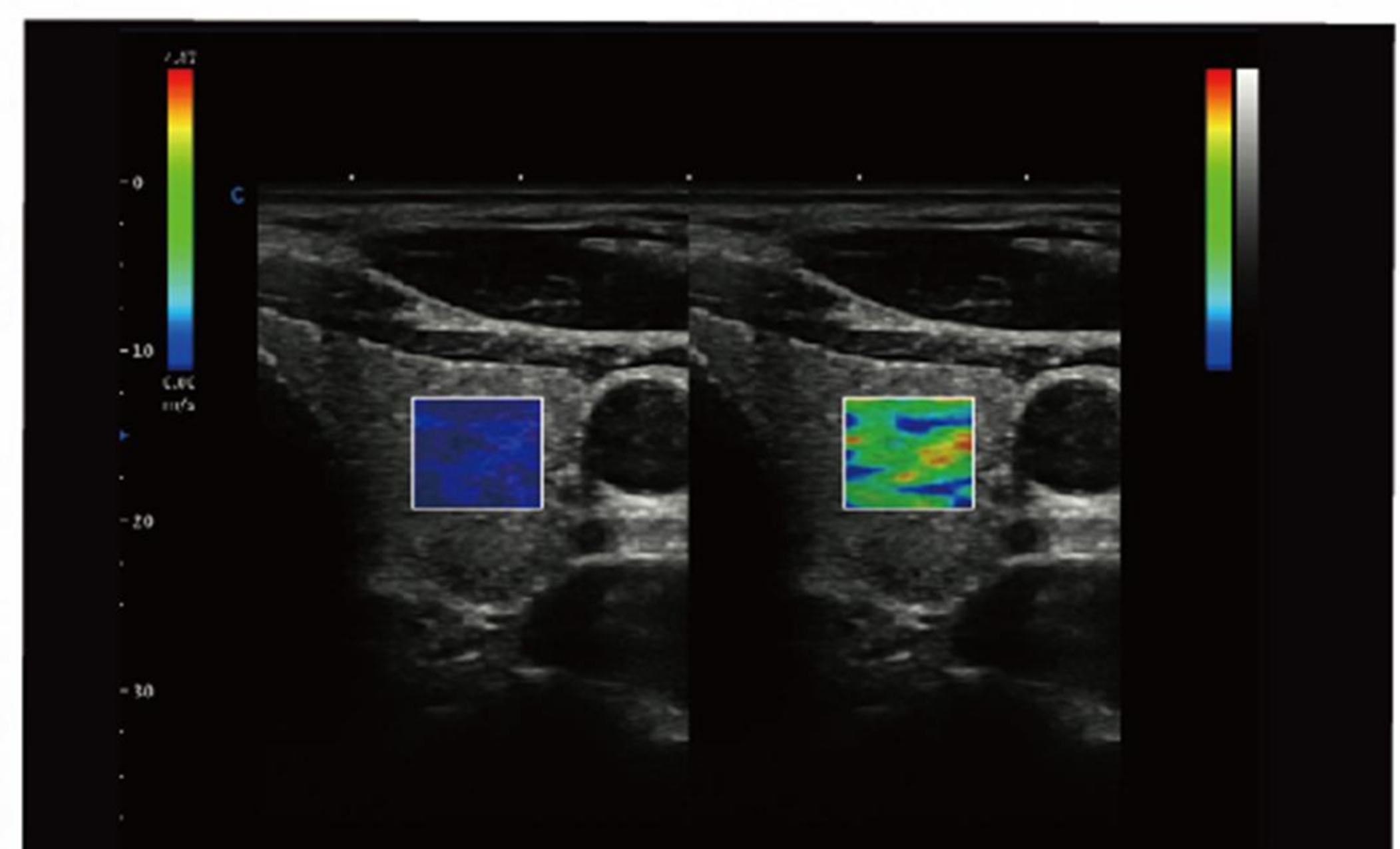
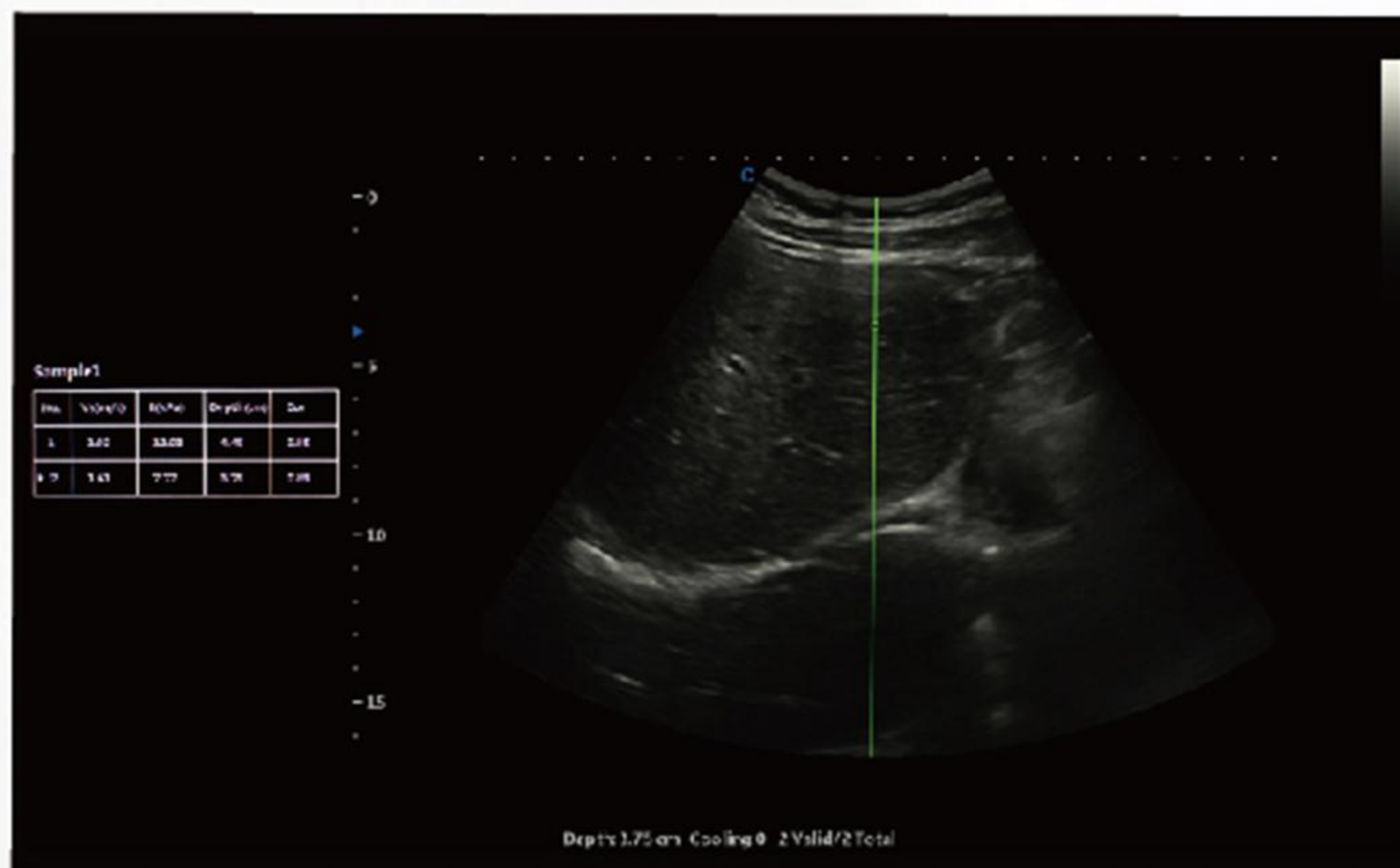


Elastography

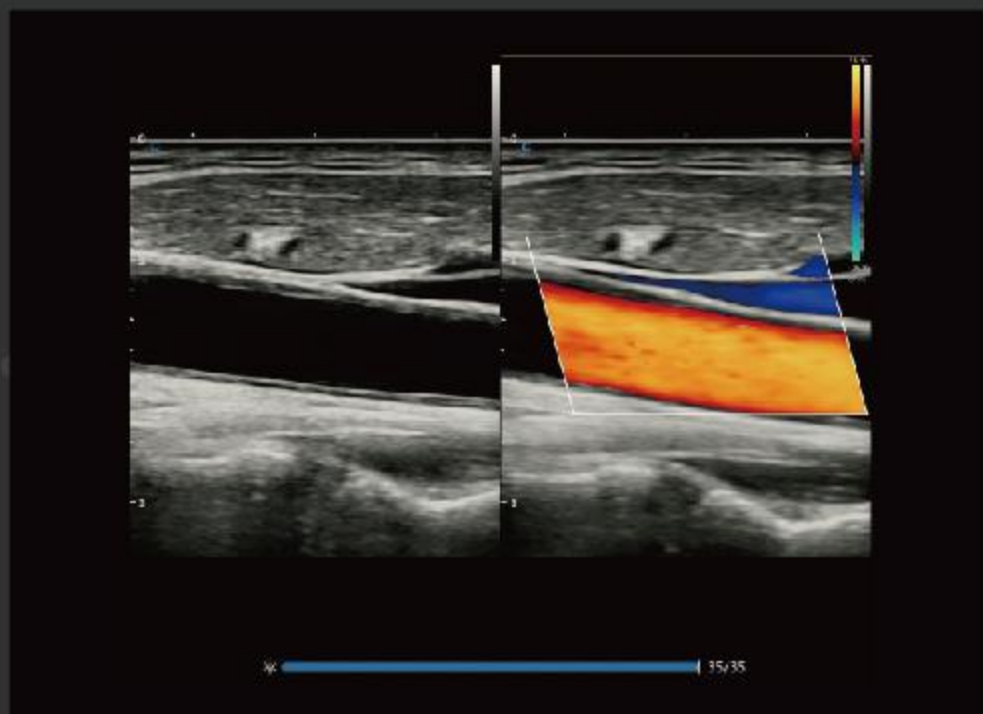
- Display the elasticity of different tissues in different color.
- Provide more clinical information, especially for breast tumor, thyroid, liver and prostate, including linear, convex, transvaginal probe.
- Strain ratio measurement quantitatively gives the ratio between the average strain of the selected region and of the nearby normal tissue region.

Shear Wave Elastography

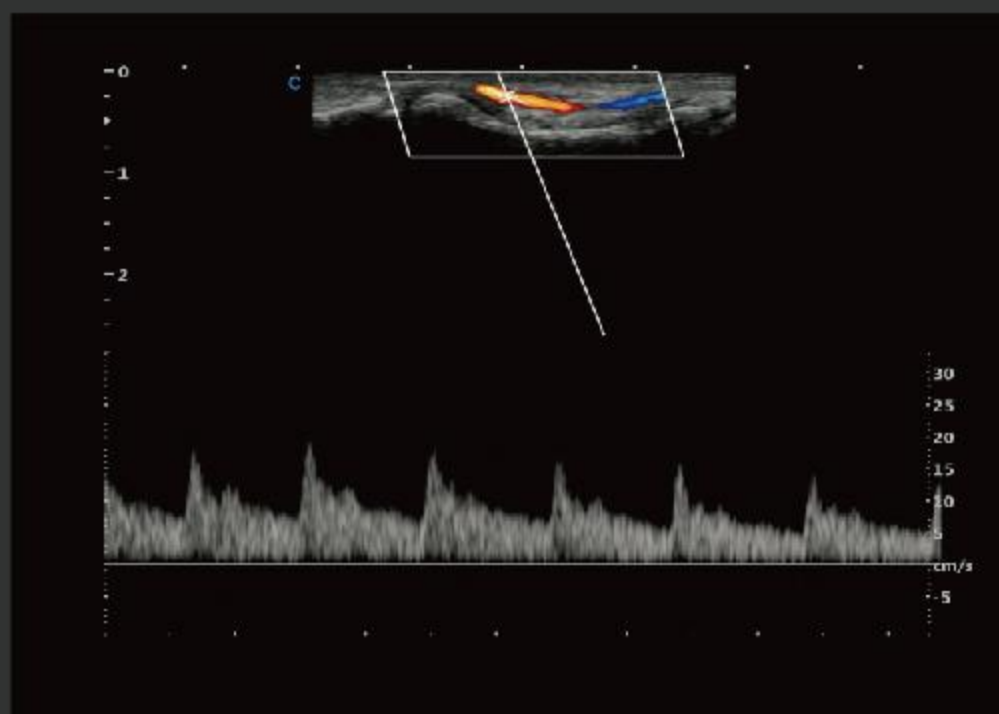
- P-SWE point shear wave imaging, high precision singlepoint measurement, higher penetration.
- 2D-SWE surface shear wave imaging, real-time two-dimensional measurement to obtain more diagnostic information.
- The system can provide variety of quantitative analysis parameters, such as velocity values, Young's modulus and so on.



PREMIUM PERFORMANCE



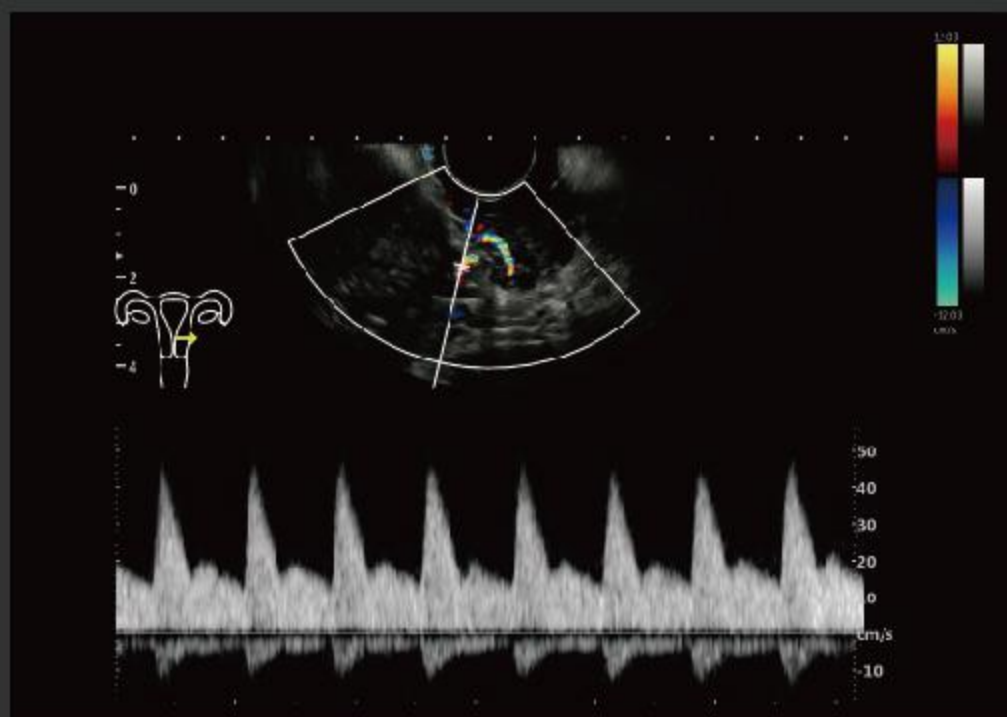
Carotid, B/BC Mode



Finger Vessel, PW Mode



Lymphadenopathy, C Mode



Uterus Vessel, PW Mode



Fetus, B Mode



Fetal Face, Virtual HD



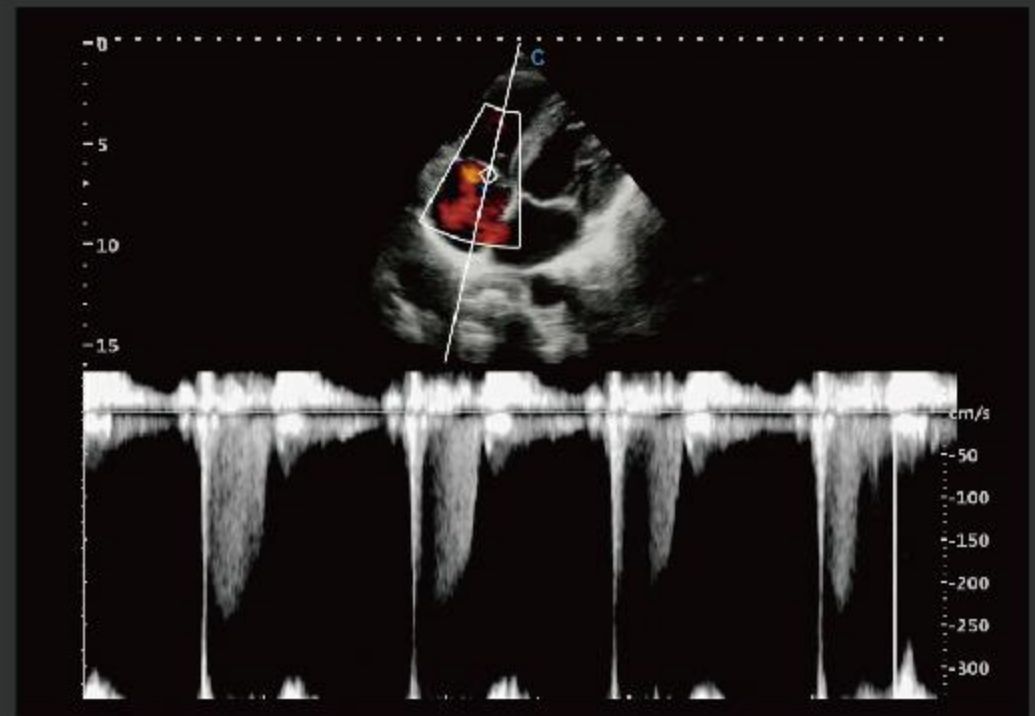
Cardiac, C Mode



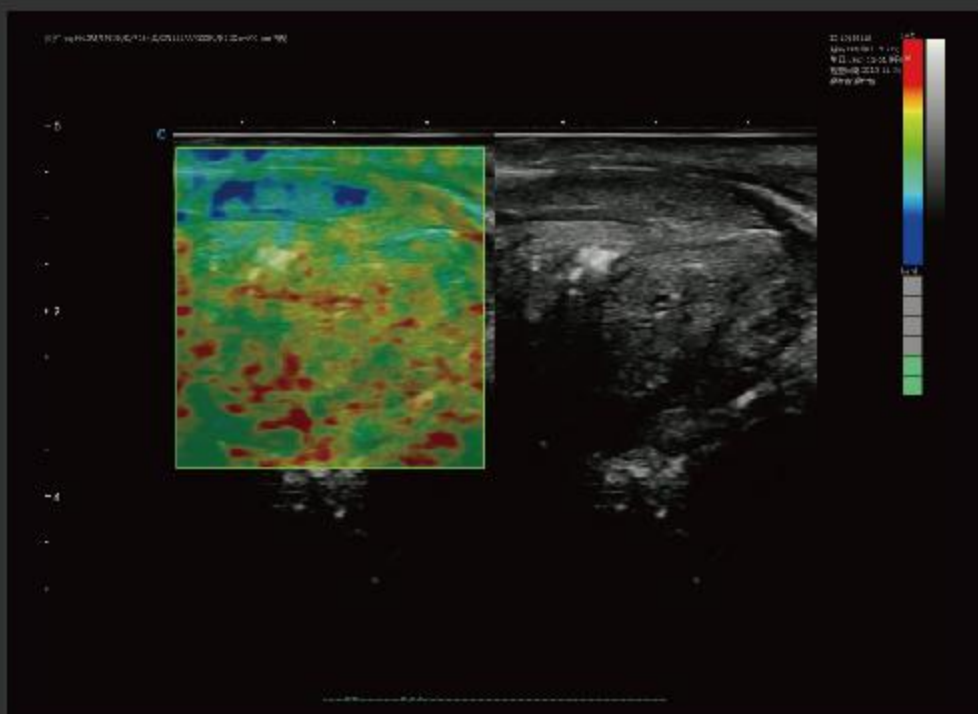
Cardiac, B Mode



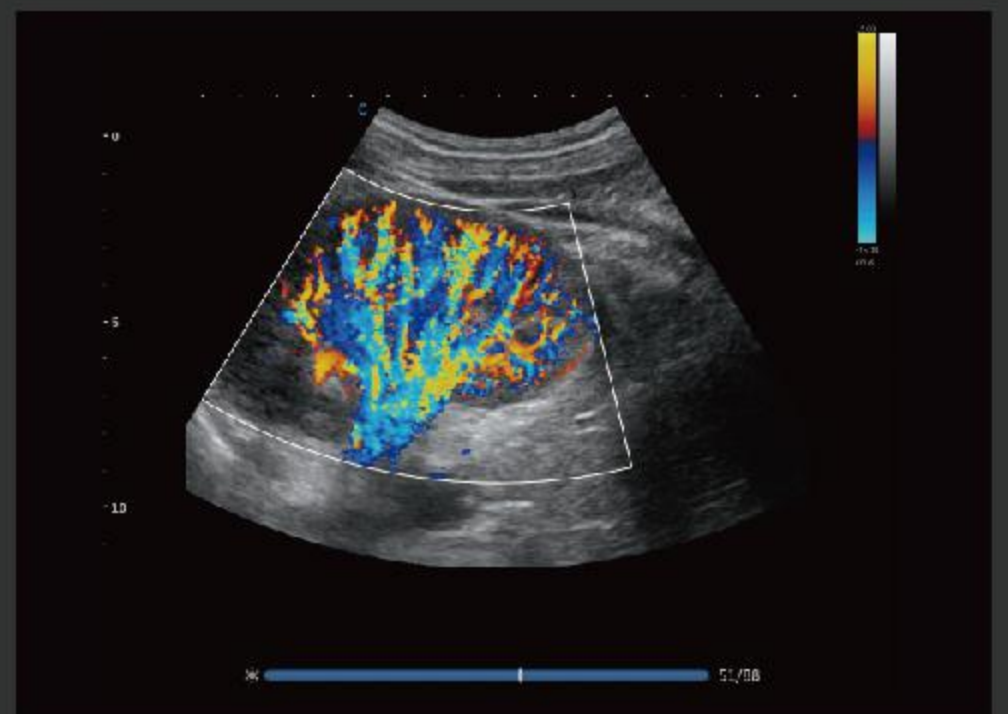
TV Regurgitation, C Mode



TV Regurgitation, CW Mode



Prostate, Elastography



Kidney, C Mode

PREMIUM VERSATILITY

Convex Transducer



C3-T



MC3-T



MC6-T



C3M-T

Linear Transducer



L7-T



L12-T



L8M-T



L8M5-T



L8M6-T



L12M-T

Phased Array Transducer



P3T-T



P5-T



P2-T



P2M-T

**Transvaginal
Transducer**



E6-T



E7-T



E7MW-T

**Transrectal
Transducer**



R7B8-T



L7R-T

**Volume
Transducer**



VE6-T



VC4-T

**Special
Transducer**



L7SVA-T



L10i-T



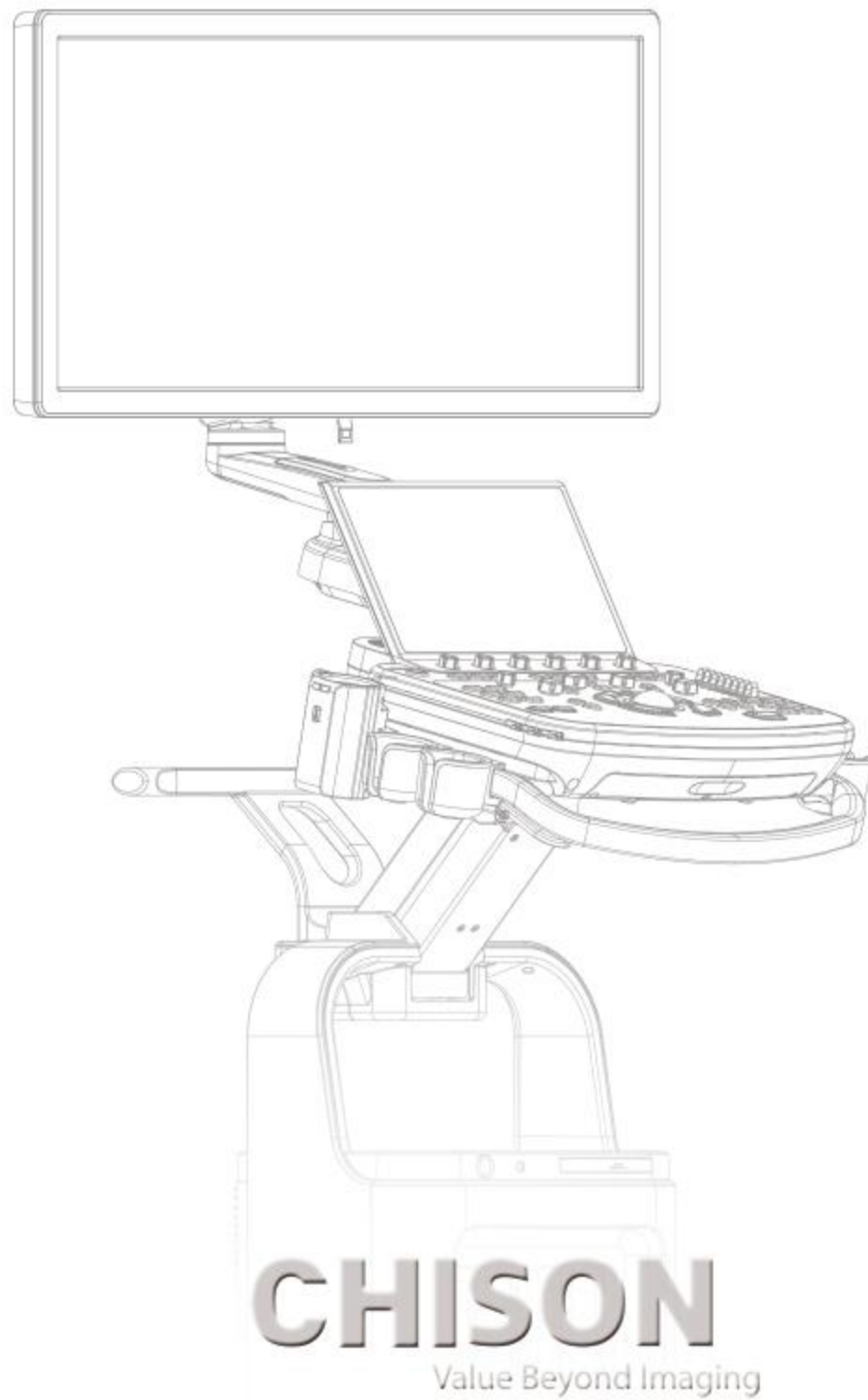
L18-T



T5-T



CW2-T



CHISON
Value Beyond Imaging

————— **CHISON Medical Technologies Co., Ltd.** —————

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