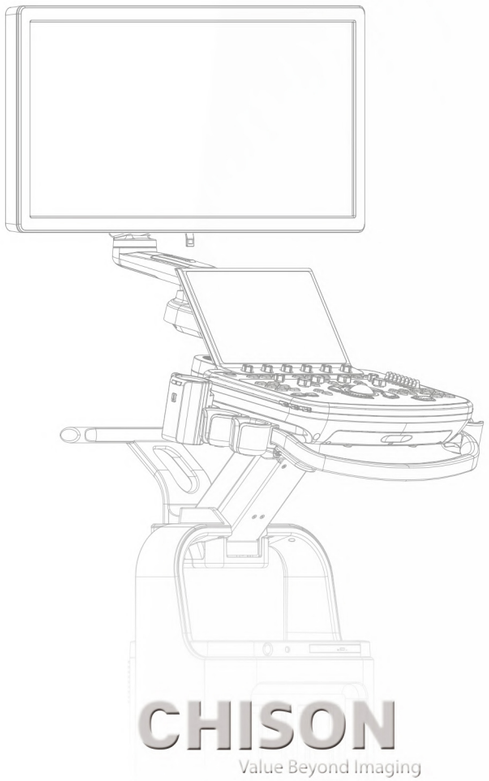
MEDICAL CITY
For Medical Devices



CHISON
Value Beyond Imaging


CHISON Medical Technologies Co., Ltd.

**Sales & Service Contact Address:** No.3, Changjiang South Road, Xinwu District, Wuxi, Jiangsu, China 214028

**TEL :** 0086-510-85310937 **FAX :** 0086-510-85310726 **EMAIL :** export@chison.com.cn

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# XBit 80

Advanced healthcare at your fingertips


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# PREMIUM FEATURES

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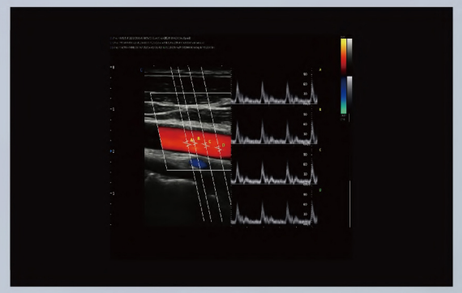
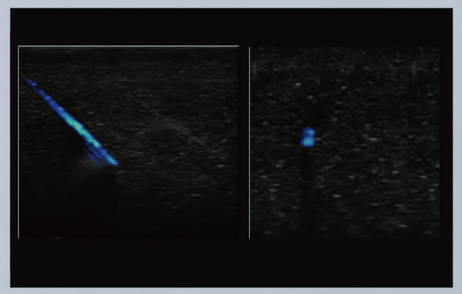


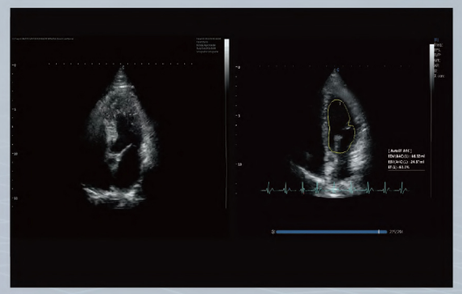
## SonoPW

- 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.



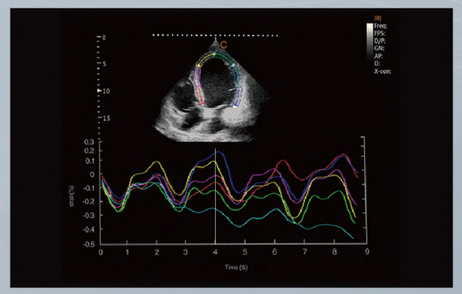
## SonoNeedle

- 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.

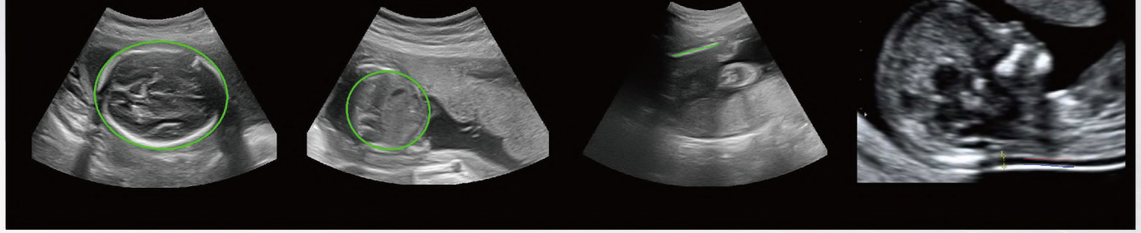


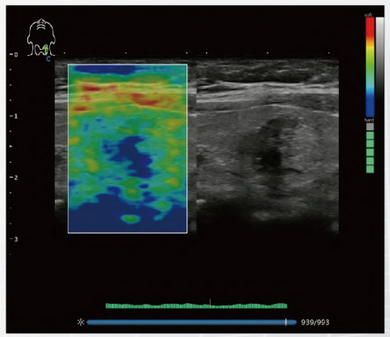
## Strain and Strain Ratio

- 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.

## Sono - OB

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



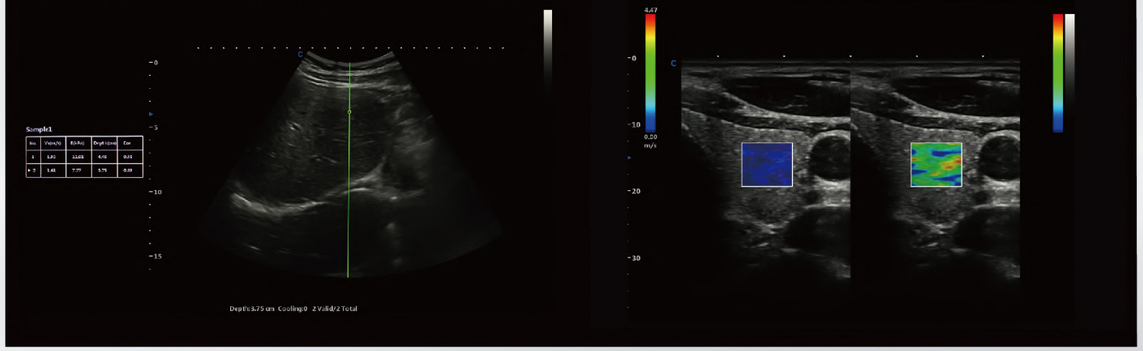


## Elastography

- 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.

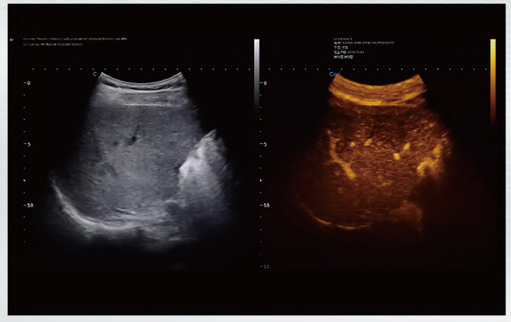
## Shear Wave Elastography

- 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.



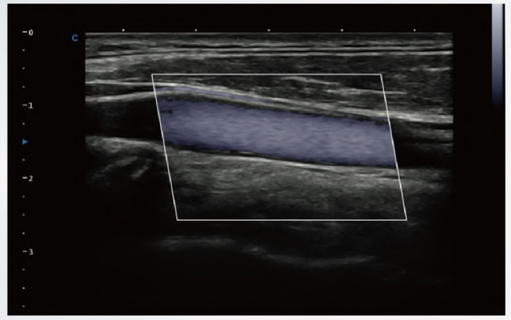
## MVI

- 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.

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## Sono - OB

- Automatically measure: BPD, HC, AC, FL, NT.
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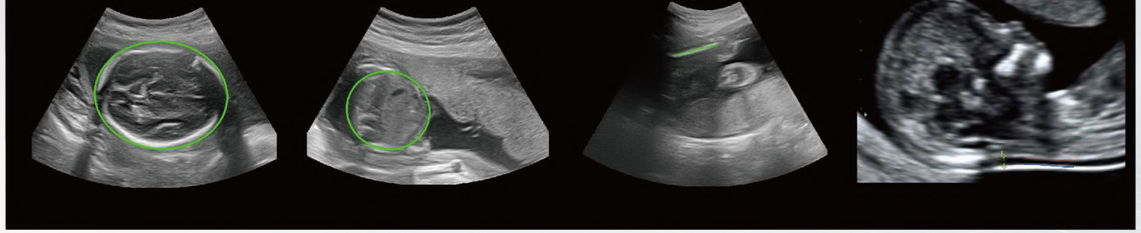

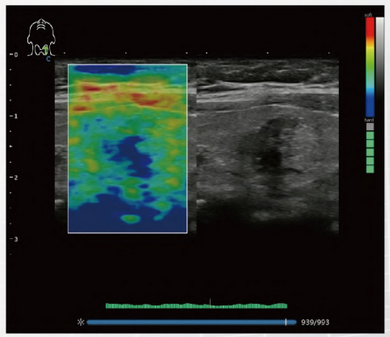

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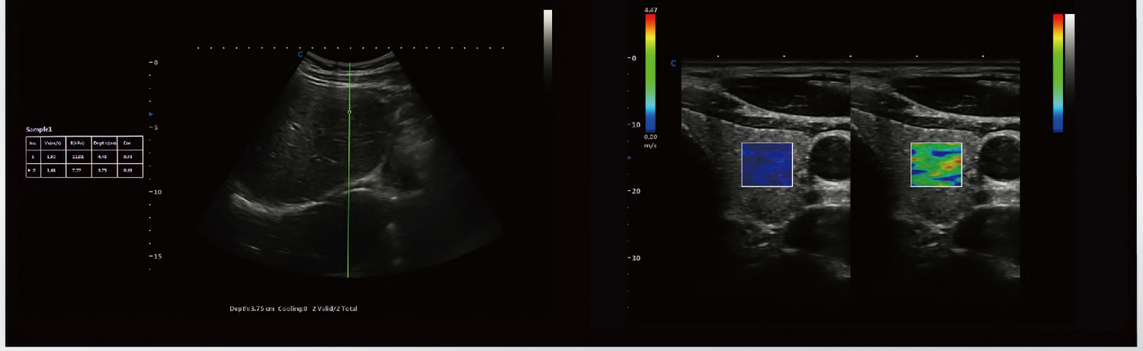

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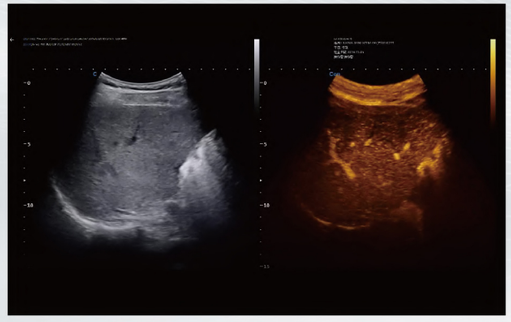

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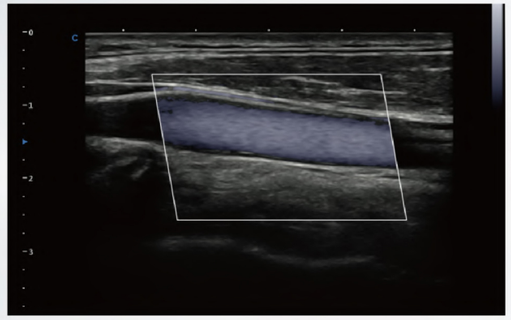

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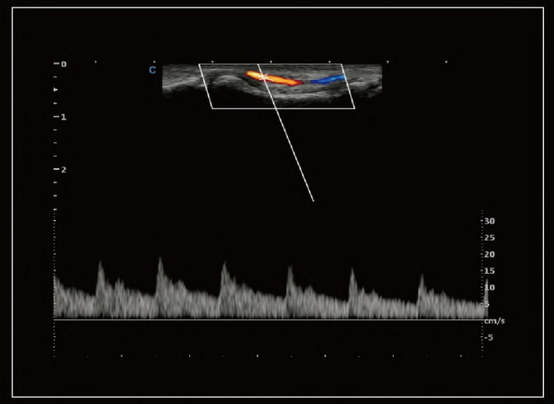
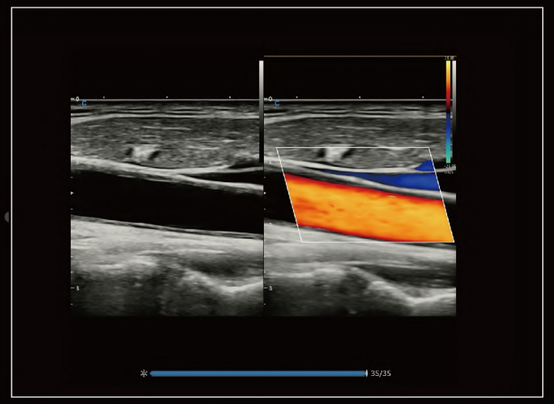
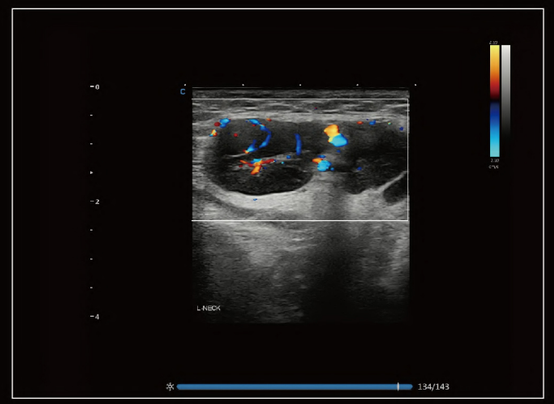
# PREMIUM PERFORMANCE



Finger Vessel,PW Mode

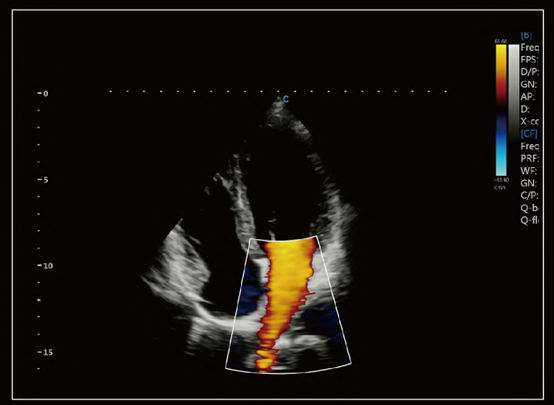


Carotid,B/BC Mode

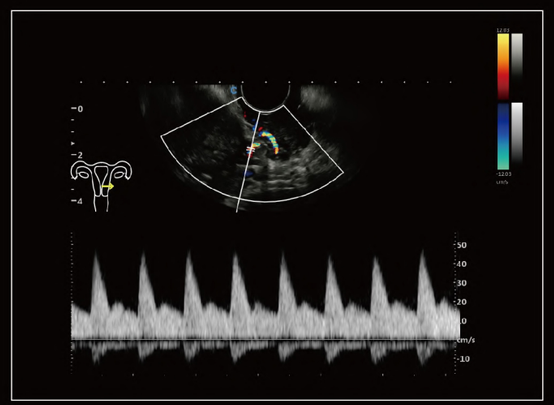


Lymphadenopathy,C Mode

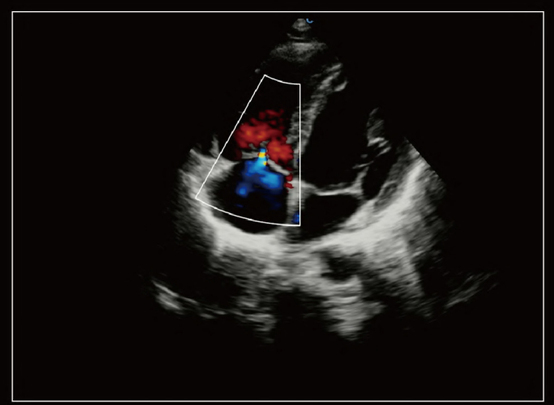
Cardiac, B Mode



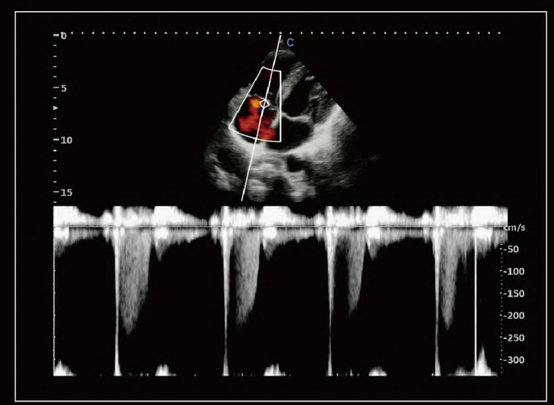
Cardiac, C Mode



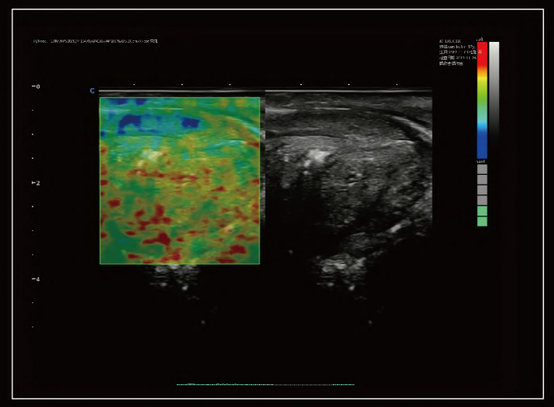
Uterus Vessel,PW Mode



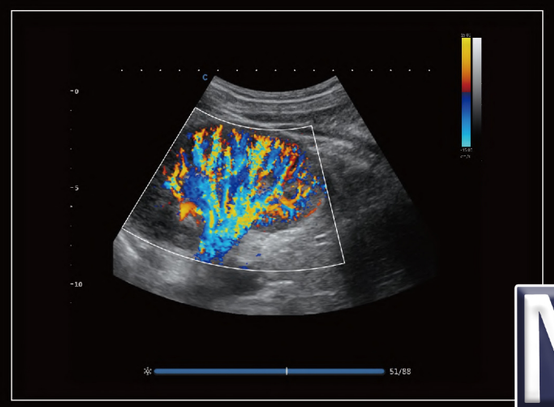
TV Regurgitation,C Mode



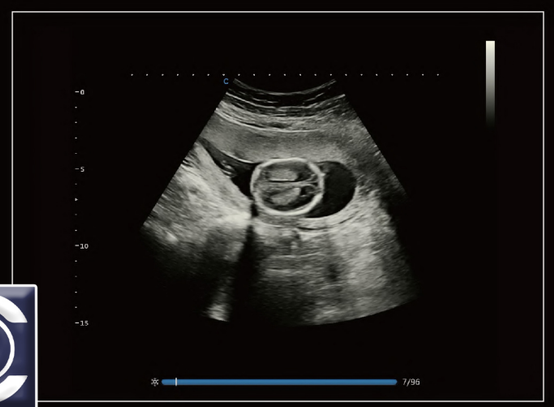
TV Regurgitation,CW Mode



Prostate,Elastography



Kidney, C Mode



Fetus, B Mode

Fetal Face,Virtual HD

# 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

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