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**CHISON**  
Value Beyond Imaging

# XBit 90

A New Experience in Console Ultrasound



# XBit 90

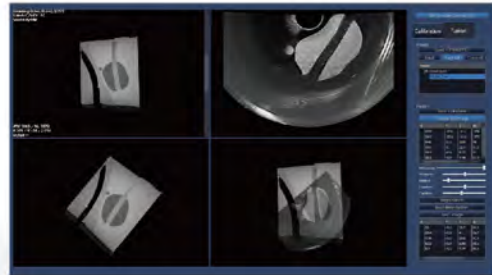
## A New Experience in Console Ultrasound

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.

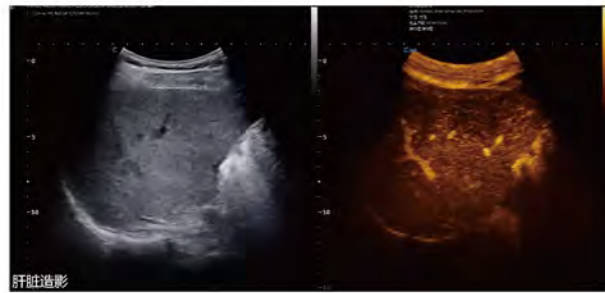


# PREMIUM FEATURES



## SonoFusion

- Combine the CT/MRI/PET image with the ultrasound
- Provide more diagnostic information



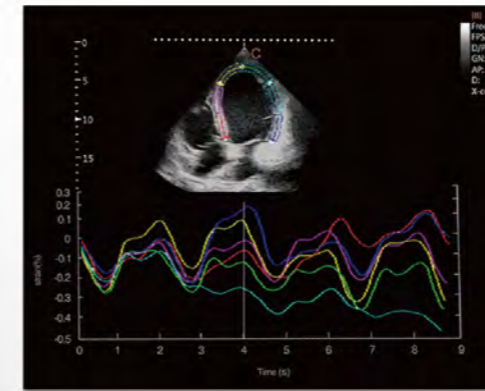
## SonoContrast

- 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



## SonoCrystal

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

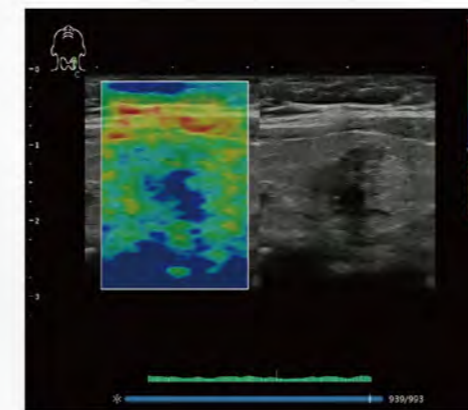
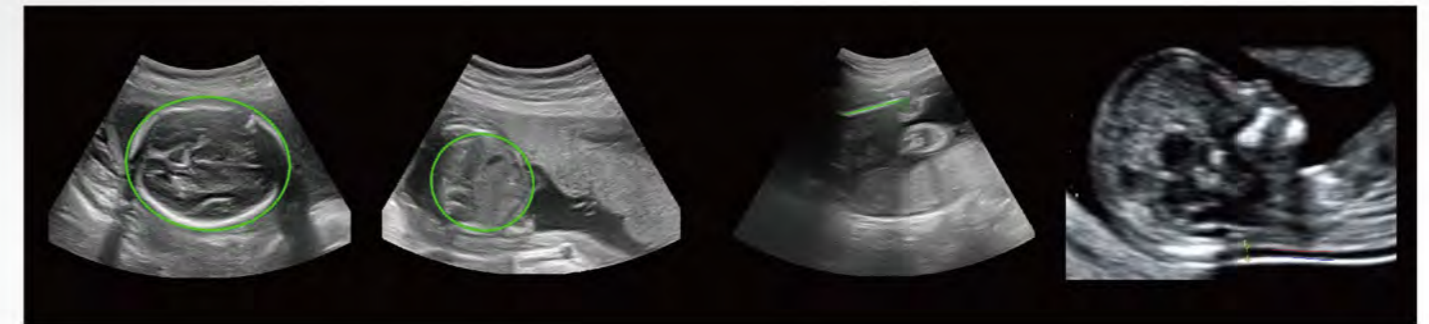


## Strain and strain rate

- 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

## SonoAI - OB

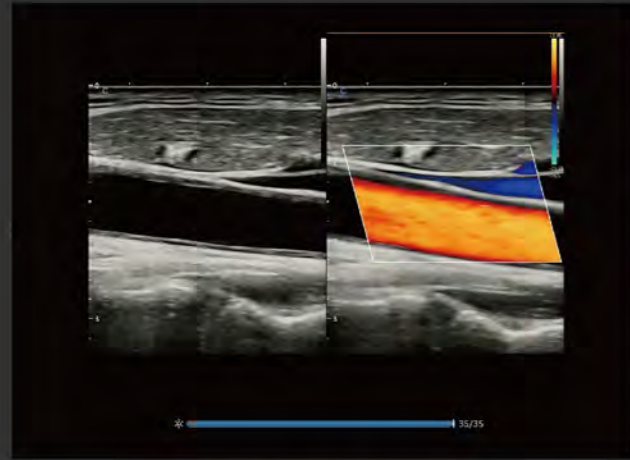
- Automatically measure: BPD, HC, AC, FL, NT
- Efficiency and accuracy



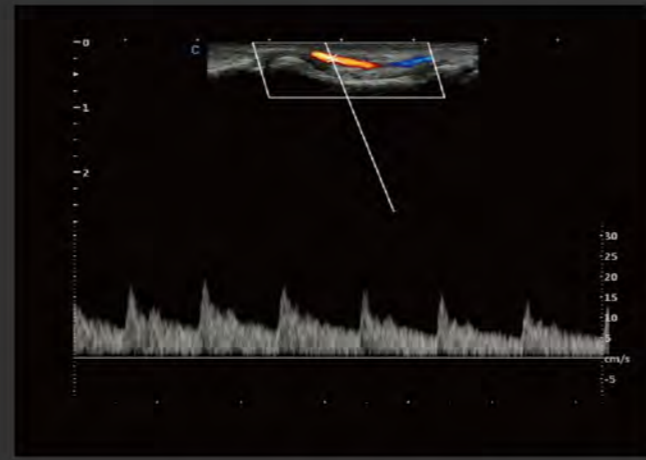
## Elastography

- 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

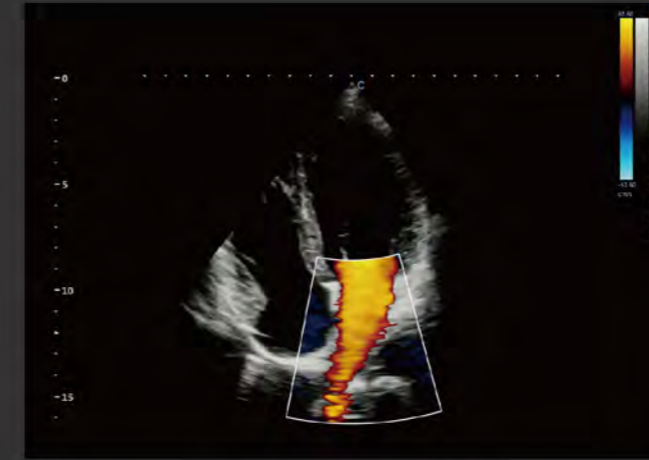
# PREMIUM PERFORMANCE



Carotid, B/BC Mode



Fingle Vessel, PW Mode



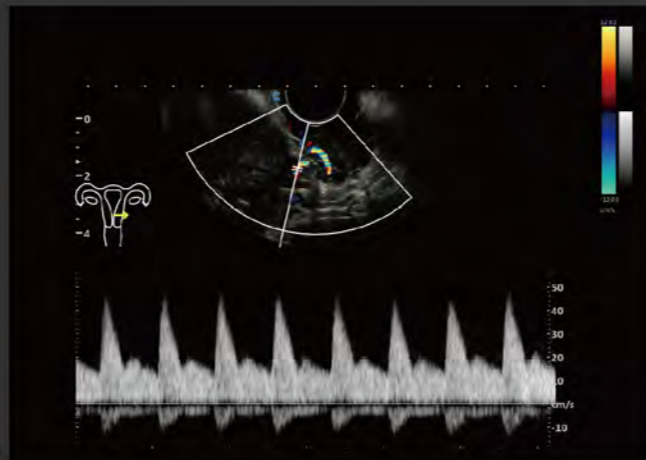
Cardiac, C Mode



LV, B Mode



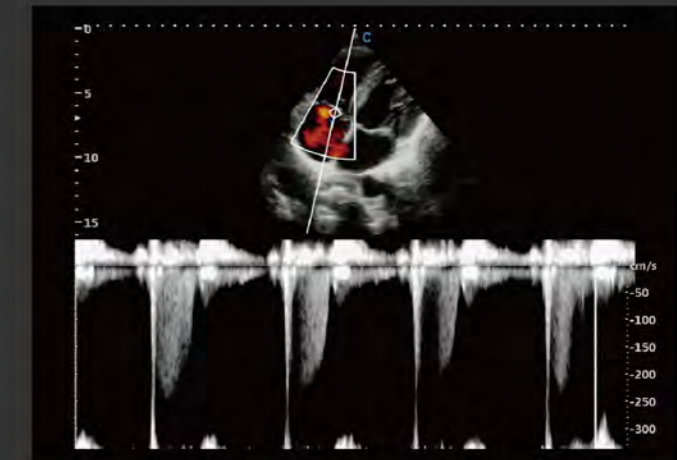
Lymphadenopathy, C Mode



Uterus Vessel, PW Mode



TV Regurgitation, C Mode



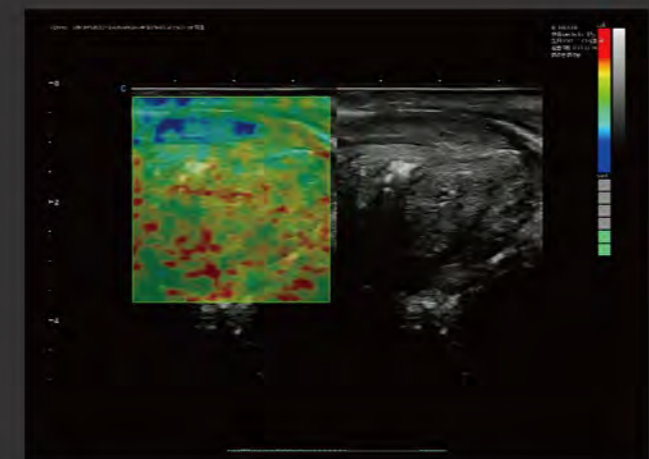
TV Regurgitation, CW Mode



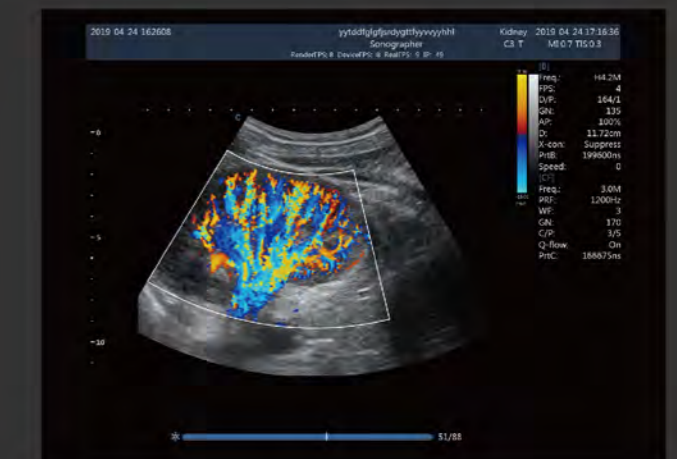
Fetus, B Mode



Fetal Face, Virtual HD



Prostate, Elastography



Kidney, B Mode

# PREMIUM DESIGN



# PREMIUM VERSATILITY

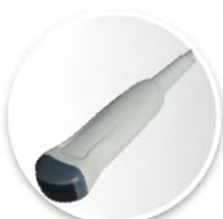
## Convex Transducer



C3-T



MC3-T



MC6-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

## Transrectal Transducer



E7MW-T



R7B8-T



L7R-T

## Volume Transducer



VE6-T



VC4-T

## Special Transducer



L7SVA-T



L10i-T



L18-T



T5-T



CW2-T