

# CHISON



## XBit 80

Advanced Healthcare at Your Fingertips

Product Department

2022-1-27

# CHISON

**23.8 HD LED**

**Large Size  
High Definition**

**13.3 Touch  
Screen**

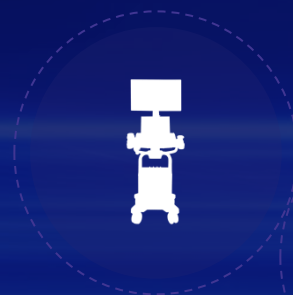
**High Sensitivity  
Streamlined Workflow**

**Hearo Kit**

**All in ONE  
Hassle Free**



- Powered Performance
- Diversified Clinical Application
- Versatile Gallery

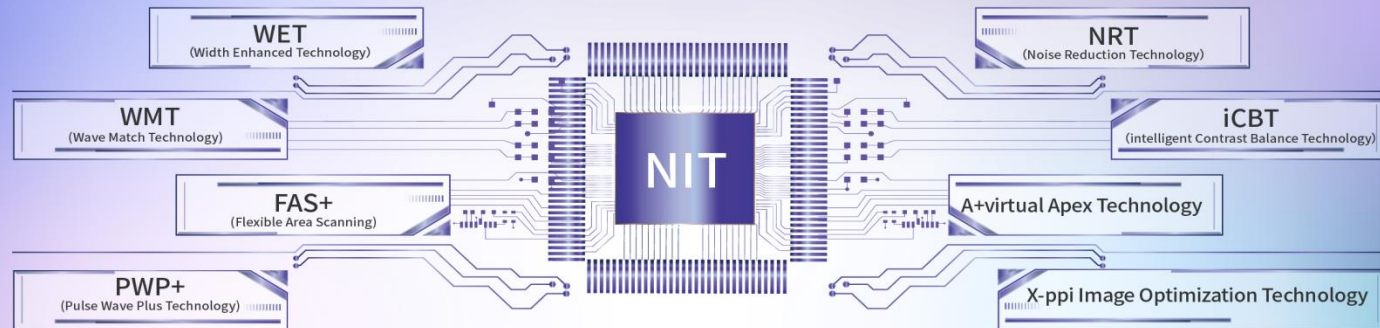




# CHISON

## Powered Platform by NIT

## New Image Technology



**1+**  
Probe Precision



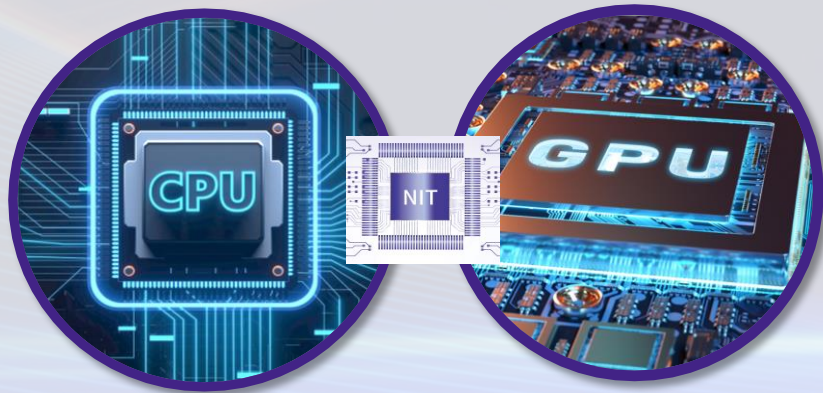
**3+**  
Signal Processing



**4+**  
Image Algorithm



## High Performance by Parallel Processing



CPU

GPU

Faster

Better

Powerful

# CHISON

## Diversified Clinical Application



Radiology



Cardiovascular



OB/GYN



## Muti - Elastography

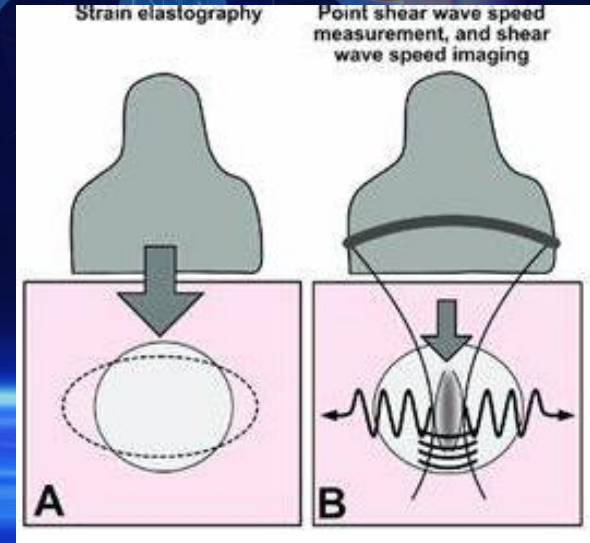
### ◆ Strain Elastography

Produced by breath and vessel impulse.

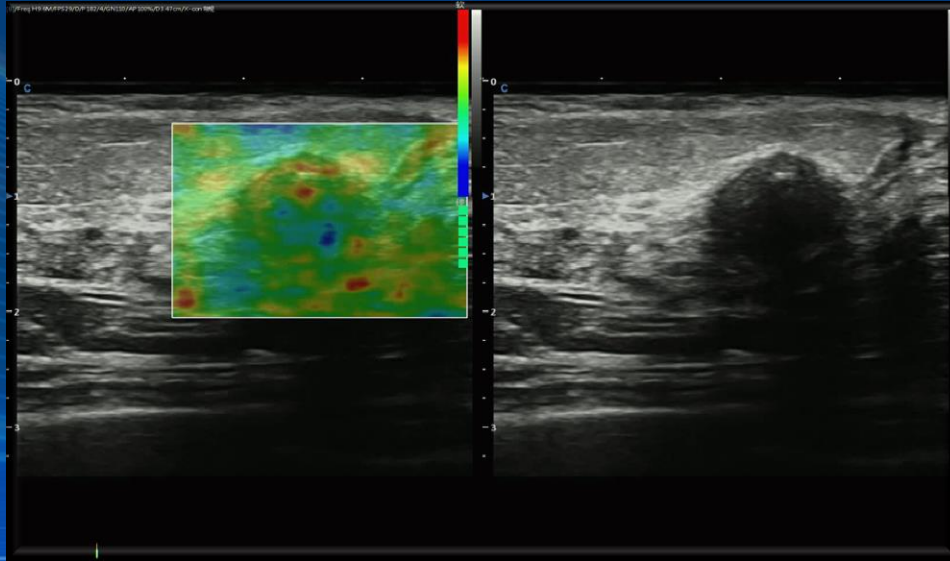
### ◆ pSWE and 2D SWE

Generated by ultrasound transverse propagation

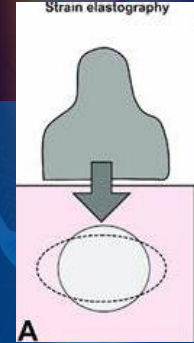
- High Reliability
- High Repeatability







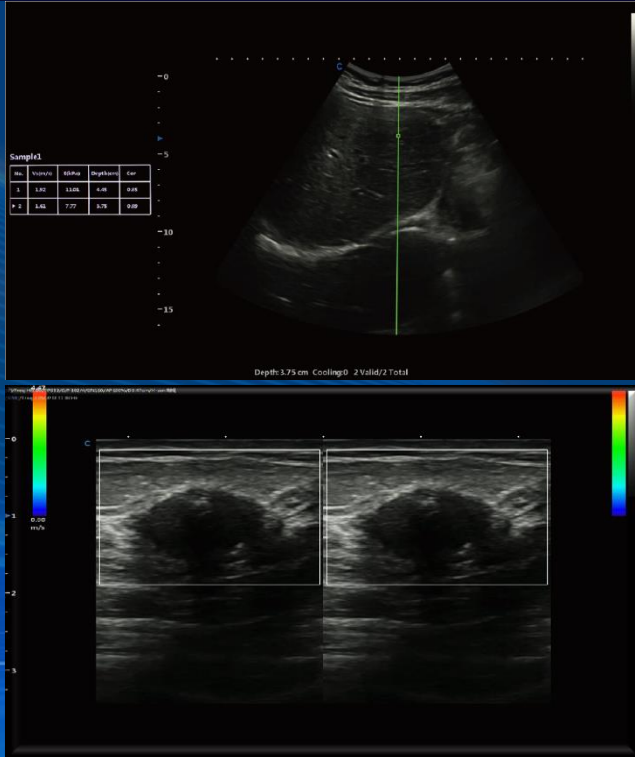
## Strain Elastography



- ◆ Produced by breath and vessel impulse
- ◆ Different color to show the tissue
- ◆ Qualitative Strain ratio measurement
- ◆ Comparison different area

Support with Linear, Convex, TV probe





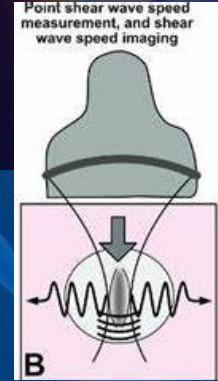
## Shear Wave Elastography

- ◆ p-SWE High precision single point Measurement
- ◆ 2D-SWE Real-time two-dimensional measurement
- ◆ Quantitative Analysis parameters  
velocity values

Young's modulus and so on.

High penetration

support with Linear, Convex, TV probe



## Multi- Elastography



**Strain Elas**

Repeatability

Impulses by breath And vessel blood

Qualitative

Low Penetration, better for Superficial

High Frame Rate

Low Acoustic Radiation

High resolution, clear edge

## Supple All, the Best Solution



**SWE**

High Repeatability

Ultrasound

Quantitative

Superficial and deep tissue

Low Frame Rate

High Acoustic Radiation

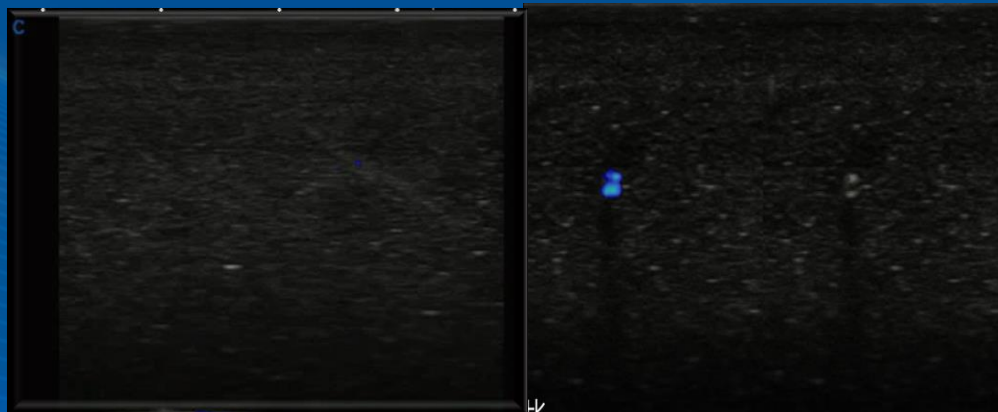
Low resolution

## SonoContrast

- ◆ TIC -Time Intensity Curves
- ◆ Auto Tracking for ROI
- ◆ High Sensitivity Better Performance

Available for Convex, Linear, Endocavity





In-Plane Biopsy

Out-plane Biopsy

## SonoNeedle

- ◆ Safe, Reliable and efficient tool
- ◆ No limit of angle, capabilities for shallow and deep access.
- ◆ Shorten procedure time and improved accuracy.



# CHISON

## Diversified Clinical Application



Radiology



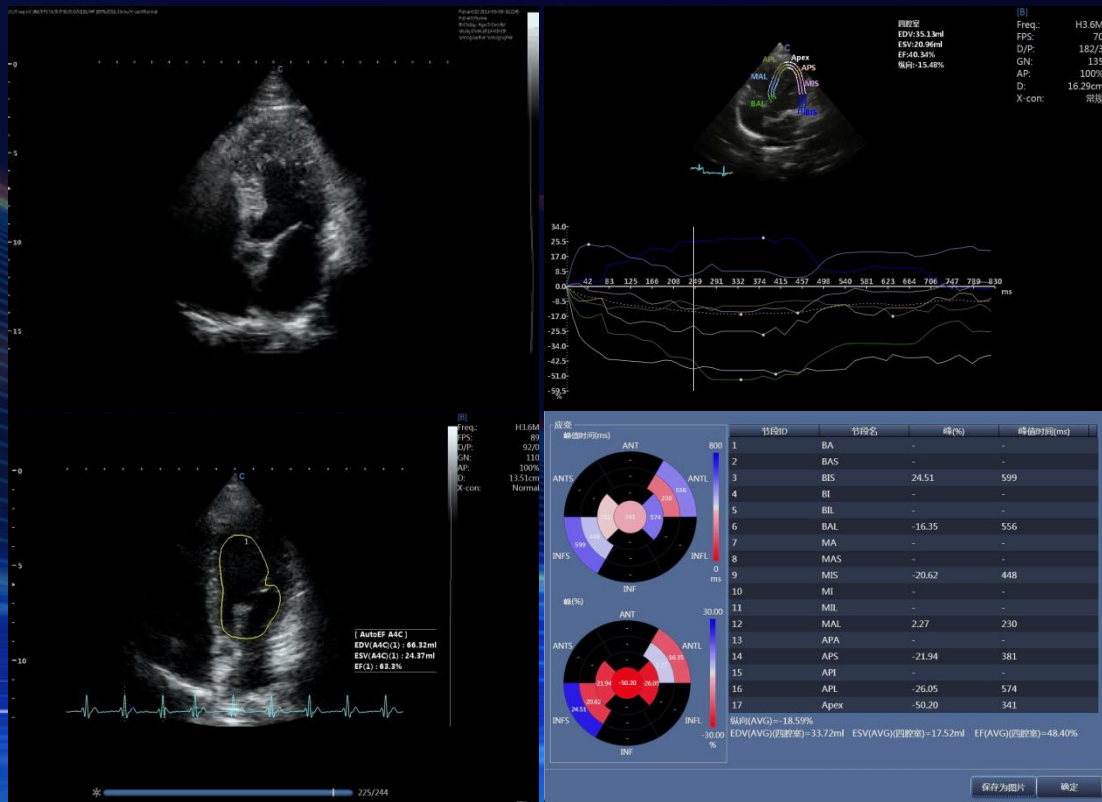
Cardiovascular



OB/GYN



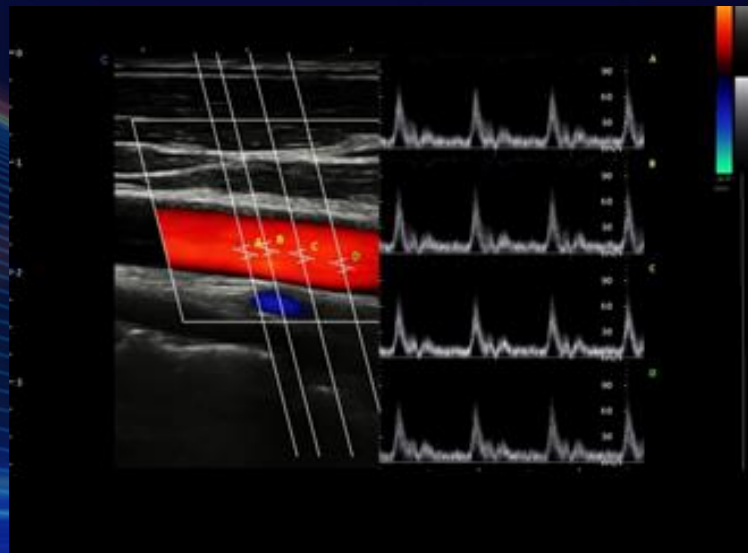
# CHISON



## Auto EF

## Strain and Strain Ratio

- ◆ Multi planes (A4C/A2C/PS/AX)
- ◆ Auto - envelope in real time
- ◆ Reditable for Multi Point



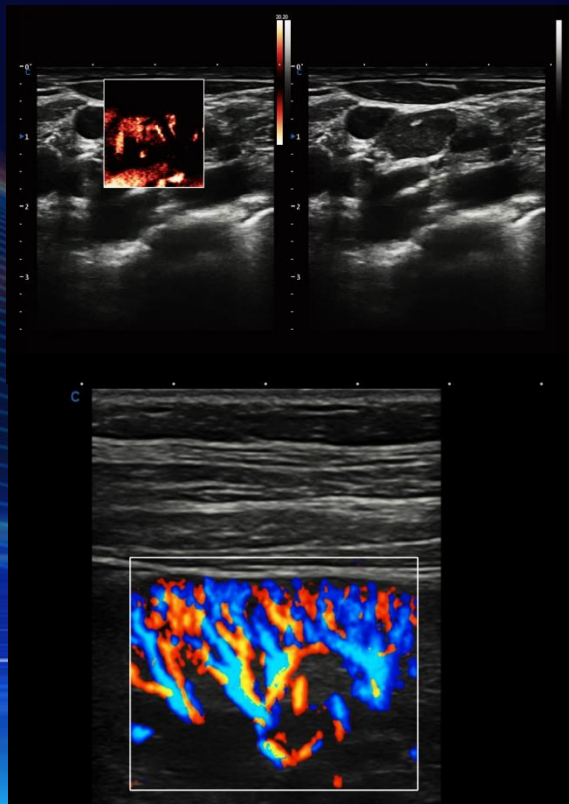
## SonoPW

- ◆ Up to 4 sample gate
- ◆ Parameter independent control

Support synchronous display of spectrum and speed value.



# CHISON

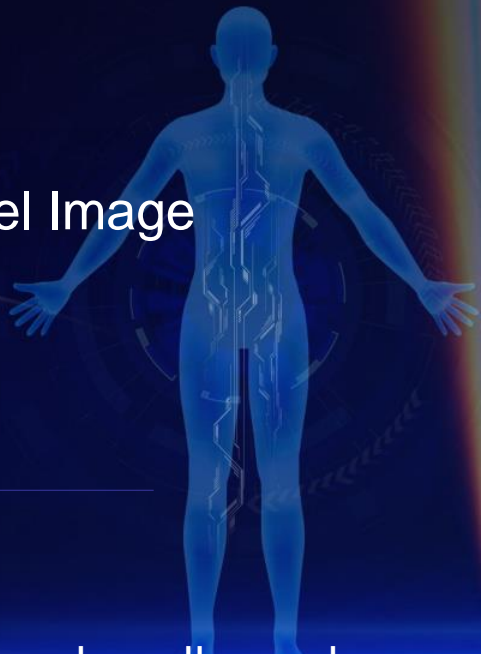


MVI - Micro Vessel Image

New brand

New algorithm

- ◆ High sensitivity
- ◆ Easy to show low and small vessels
- ◆ Provide more and accurate blood flow information.





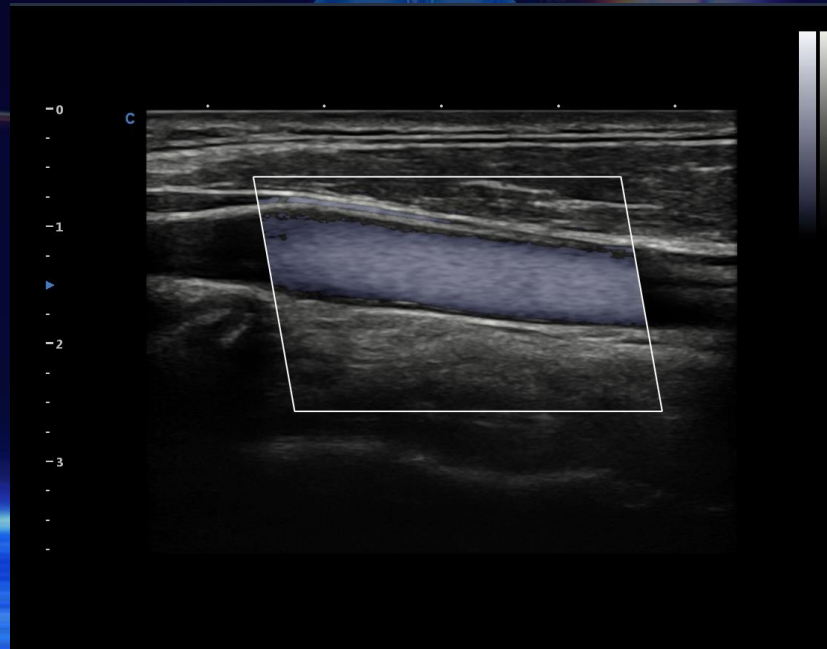
Sound Flow

Innovation Technology

Latest Algorithm

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- ◆ High sensitivity
- ◆ Easy to show low and small vessels



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## Diversified Clinical Application



Radiology



Cardiovascular

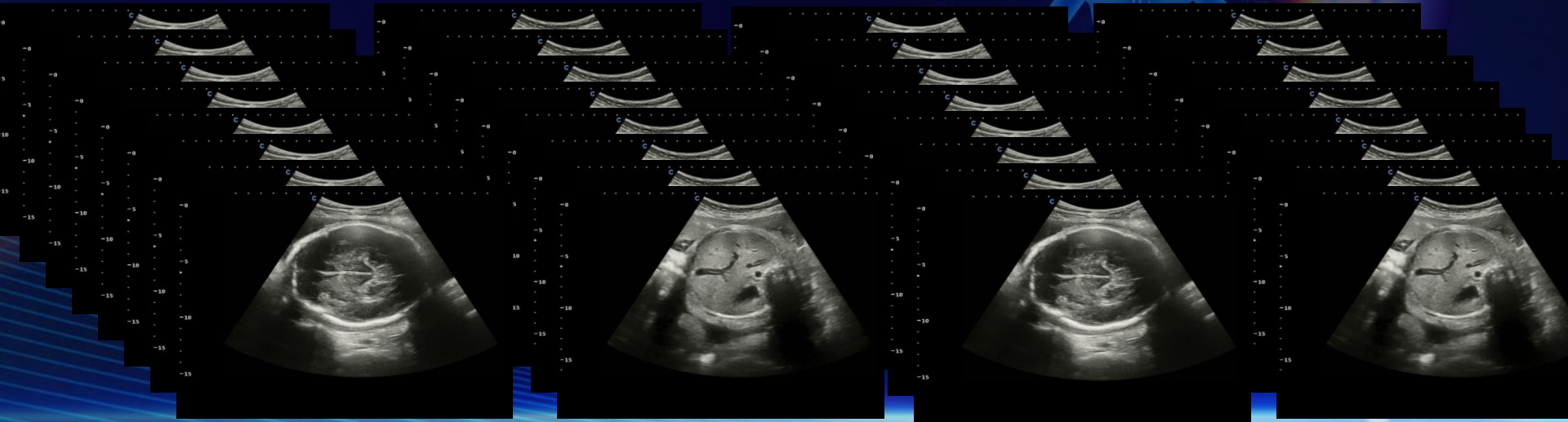


OB/GYN



# CHISON

## Sono-OB



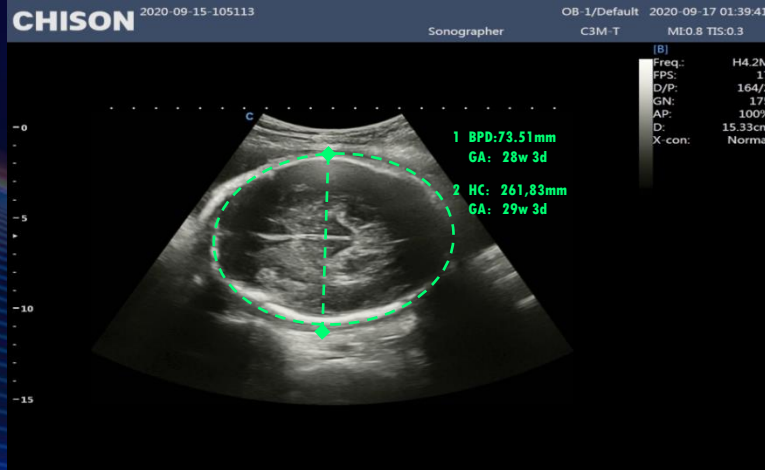
Massive data

Learnig to  
extract feature

Recognizes image

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## Sono-OB



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



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## 4D- Auto Face

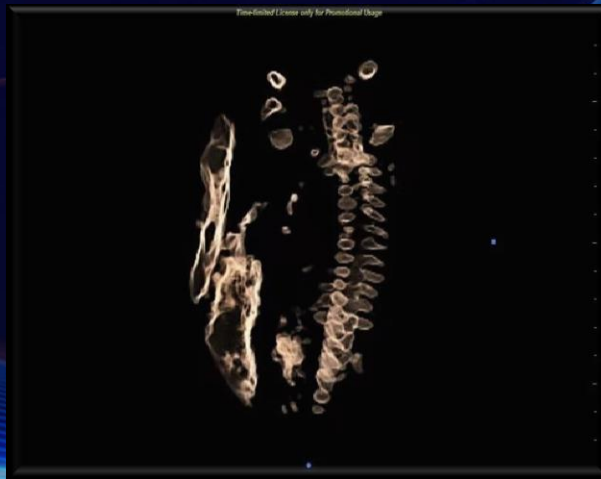


Automatically Recognize

Automatically Remove

Fast to get fetal face

## 4D- SonoCrystal

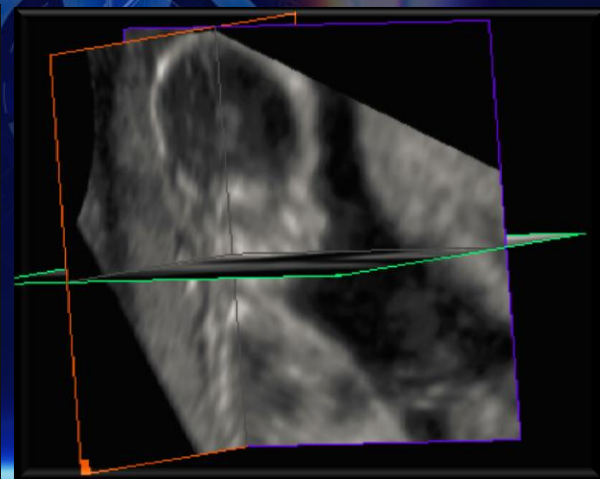


Provide context and surface

Display the internal organs

Easily to differentiates

## 4D- HD Nitch



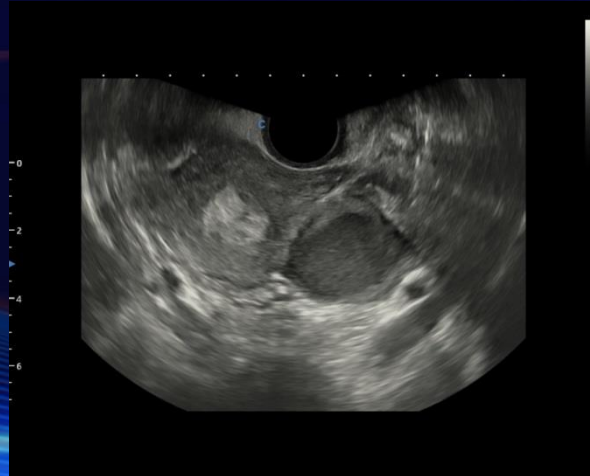
Show the context and surface

Display the internal organs

Easily to differentiates

# CHISON

## Ultra Remote



- **Ultra-Angle**
- **Ultra-View**
- **Ultra-Area**
- **Large angle probe, Scan with high efficiency**

# CHISON

## UltraRemote

Remote Demo



Remote Diagnos



Remote Service



Remote Training



Remote Contral

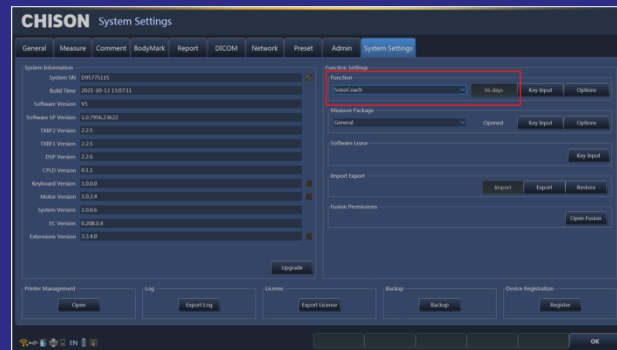


# CHISON

## SonoTrial

### Everything is Ready for You.

HERE  
FOR YOU

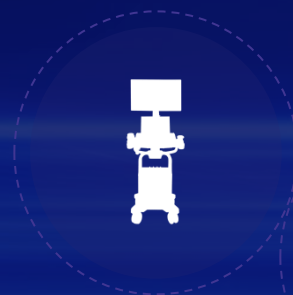


### One Key to Trial

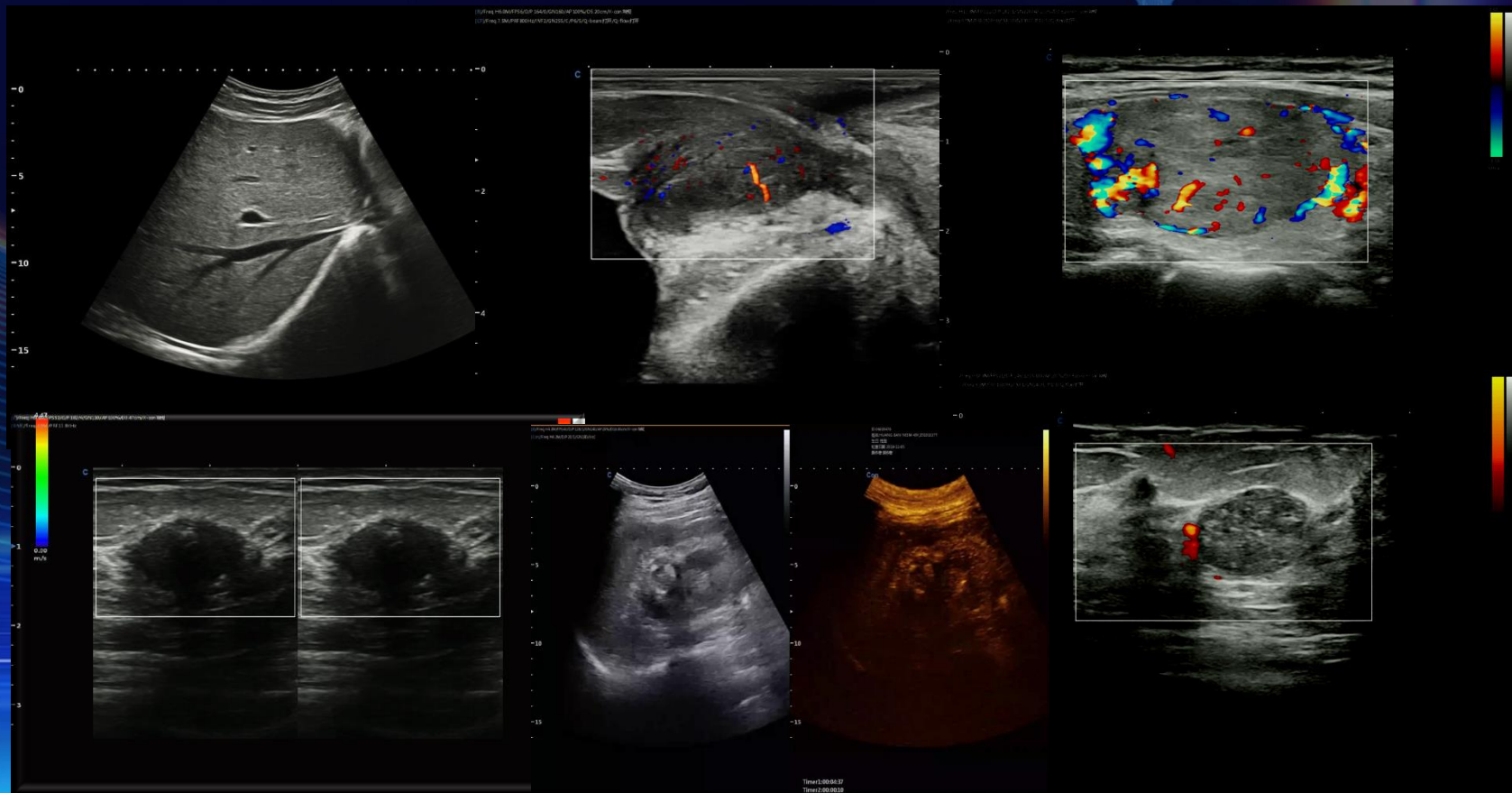
- > System Settings
- > Function Settings



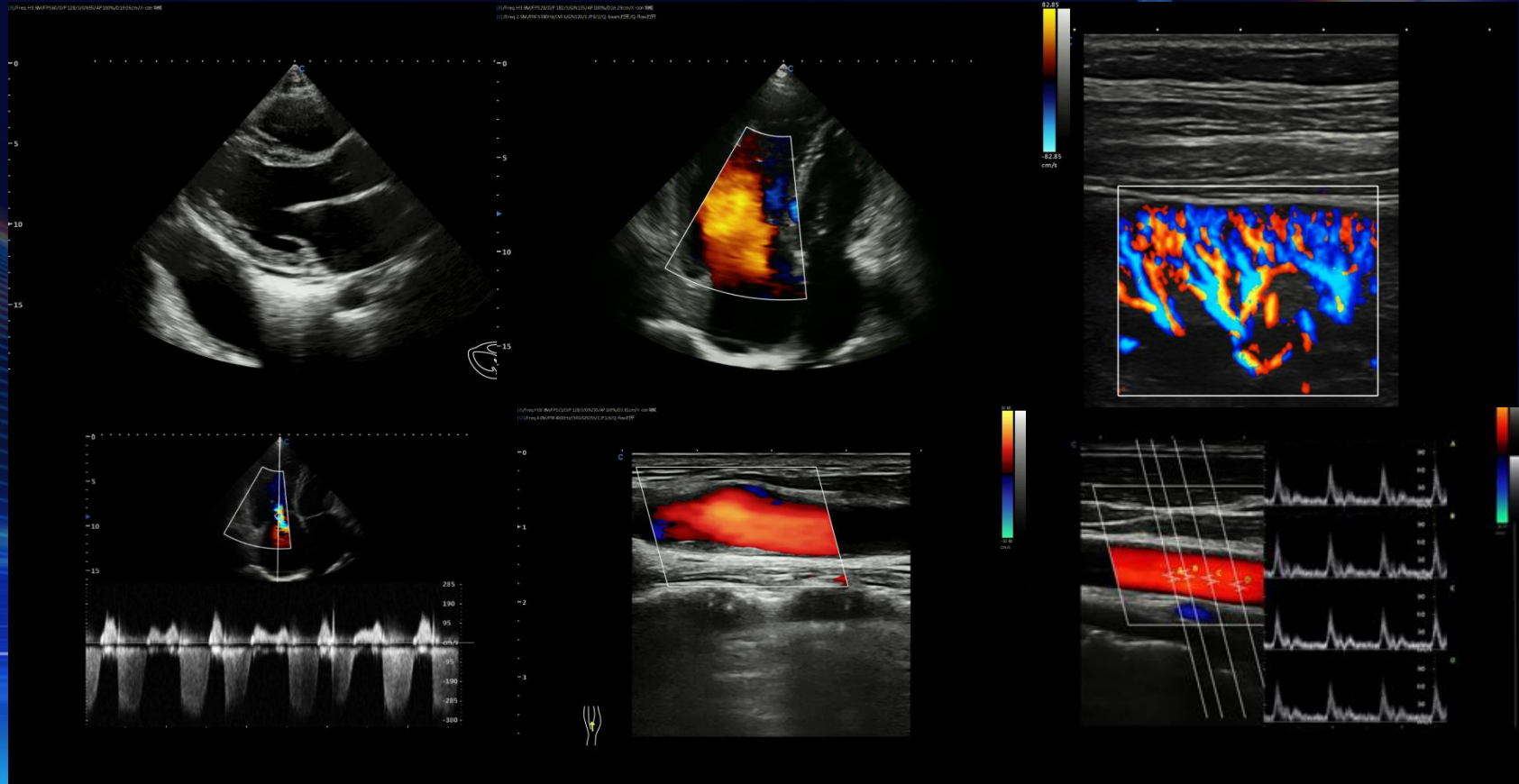
- Powered Performance
- Diversified Clinical Application
- Versatile Gallery



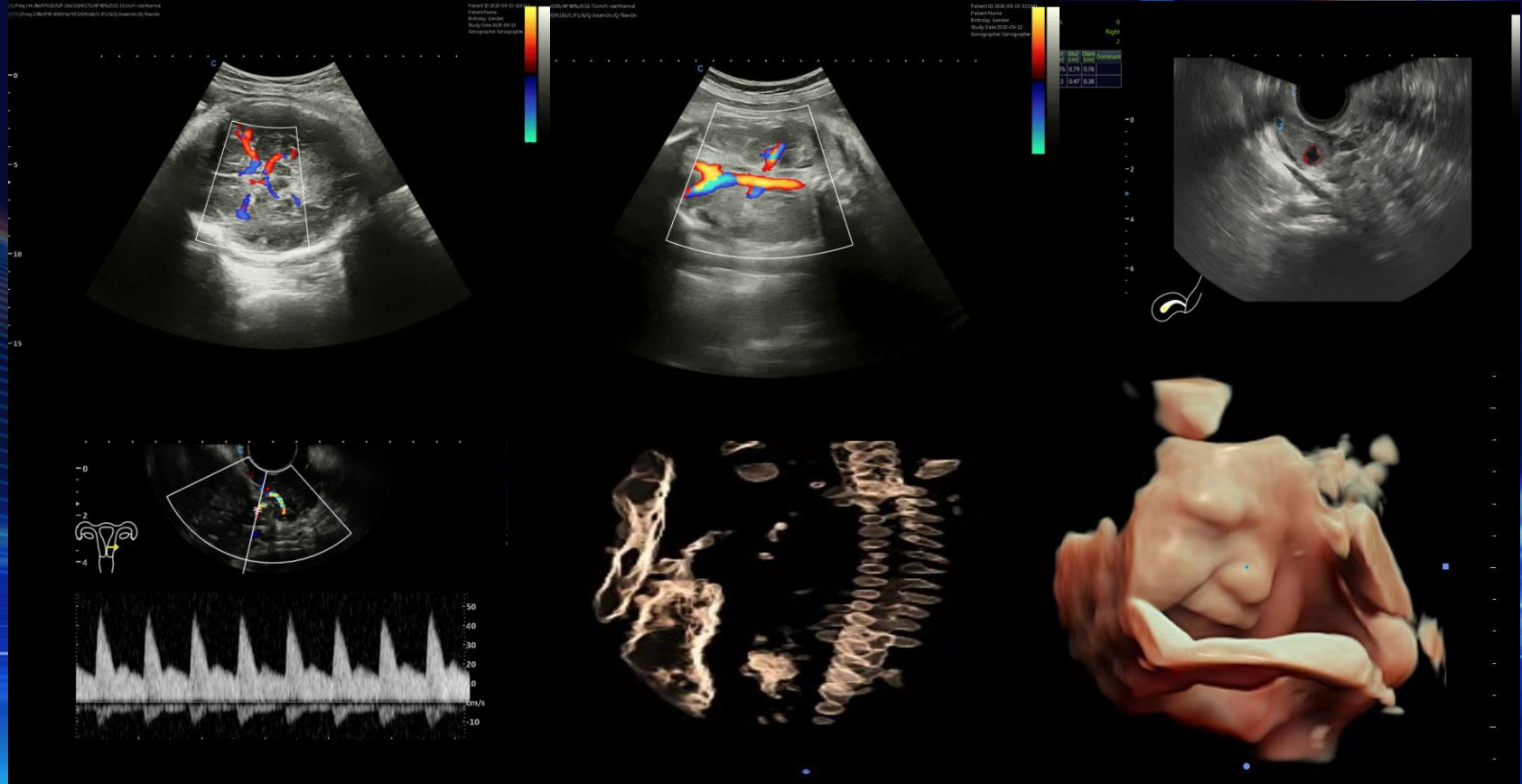
# CHISON



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## Unique Fetures

23.8 inch Monnitor  
13.3 inch Touch Screen  
NIT Platform  
Hearo Kit  
UltraRemote  
SonoTrail

## Radiology

Multi-Elastography  
Contrast  
SonoNeedle

## Cardiovascular

SonoPW  
Auto EF  
Strain

## OB&GYN

SonoOB  
Advanced 4D  
TV Angle up to 210



	XBit 80	XBit 90
<b>PlateForm</b>	NIT New Image Techonology	NIT New Image Techonology
<b>Monitor</b>	23.8 inch HD LED	23.8 inch HD LED
<b>Touch Screen</b>	13.3 inch Sensitivity Touch Sscreen	13.3 inch Sensitivity Touch Sscreen
<b>Hard Disk</b>	512G SSD	512G SSD
<b>Control Panel</b>	Adjustable- Left and Right Adjustabl-Up and Down	Adjustable- Left and Right Adjustabl-Up and Down
<b>USB</b>	8, USB 3.0	8, USB 3.0
<b>Built-in Battery</b>	Yes , option	Yes , option
<b>Gel Warm</b>	Yes	Yes
<b>WiFi</b>	Yes, option	Yes, Standard
<b>Hero Kit</b>	Yes	Yes



	XBit 80	XBit 90
<b>Elastography</b>	Yes, option	Yes, option
<b>Share Wave Elas</b>	Yes, option pSWE and 2D SWE	Yes, option pSWE and 2D SWE
<b>SonoContrast</b>	Yes, option <a href="#">Linear/Convex/TV</a>	Yes, option <a href="#">Linear/Convex/TV/Sector</a>
<b>SonoFusion</b>	<a href="#">No</a>	<a href="#">Yes, option</a>
<b>MVI</b>	Yes	Yes
<b>SoundFlow</b>	Yes	Yes
<b>NanoFlow</b>	<a href="#">No</a>	<a href="#">Yes, option</a>
<b>SonoPW</b>	Yes	Yes
<b>TDI+SonoPW</b>	<a href="#">No</a>	<a href="#">Yes, option</a>
<b>SonoBreast</b>	<a href="#">No</a>	<a href="#">Yes, option</a>

CHISON

Thank You

