

# CHISON

Value Beyond Imaging



## *i9*

A Premium System  
BUILT INTO THE FUTURE

**19** is a versatile premium ultrasound imaging system that provides a comprehensive diagnostic solution to our valuable users in all types of clinical environments. Its wide range of clinical applications include Abdomen, OB/GYN, cardiology, general imaging, shared service, Musculoskeletal, and many other specialized applications.

## *Ergonomic Design*

--We are committed to every detail in your daily work for patient care.

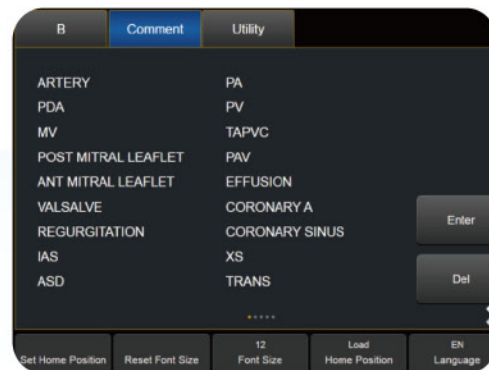
- 19 inch high definition LED monitor with 270° rotation angle
- Additional 10.4 inch touch screen for better user interface
- integrated gel warmer
- Four wheel locks for improved safety
- Latest alphanumeric keyboard designed for comfortable use



# Efficient Workflow

--With intelligent touch technology,you can be more efficient in your routine workflow.

- Easyview™ for convenient review
- User-defined functions to fit your own work style
- Multiple output for quick data transfer (DICOM,DVI,VIDEO,VGA)
- Streamlined workflow for easy exam completion





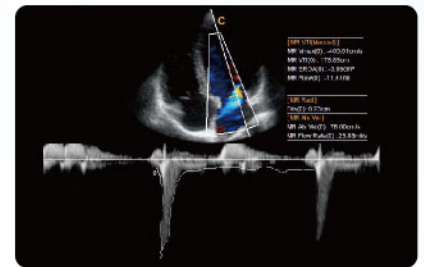
# Expandable Platform

--Built on scalable system architecture, the future of i9 is way beyond current comprehensive imaging capability.

## Cardiology

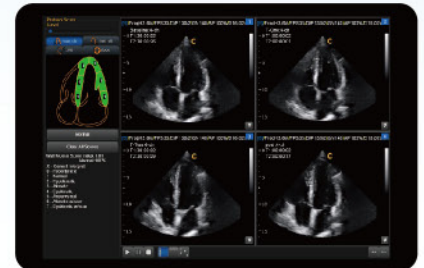
### PISA

PISA is Proximal Isovelocity Surface Area, a method to look at flow convergence, to calculate severity of MR/TR/PR.



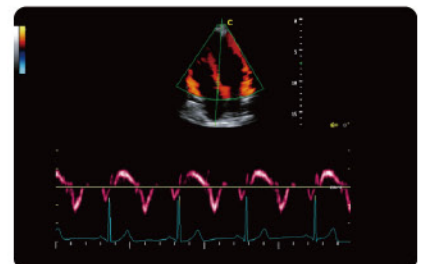
### StressEcho

An echocardiogram is a painless, harmless test that uses high frequency sound waves to examine the heart's anatomy function.



### Tissue Doppler Imaging (TDI)

Tissue Doppler imaging is a novel echocardiography technique that directly measures myocardial velocity. Systolic TD measurements assess left and right ventricular myocardial contractile function. Diastolic TD values reflect myocardial relaxation.





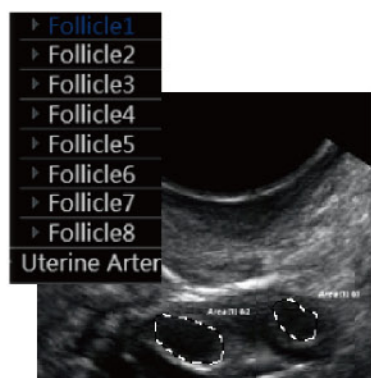
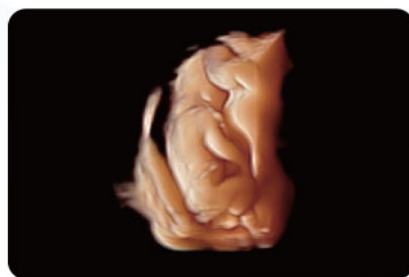
## OB/GYN

### Professional OB Package

- Extraordinary OB performance
- Multi fetus OB report
- Rich OB calculation package
- Efficient OB measurement
- User-definable formula

### Virtual HD

- The latest innovation in real-time 4D with powerful imaging engine.
- Greatly strengthen the bond between mother and fetus.



### Multi follicle auto-tracing and auto-measurement

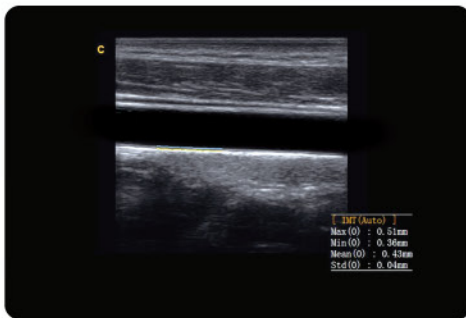
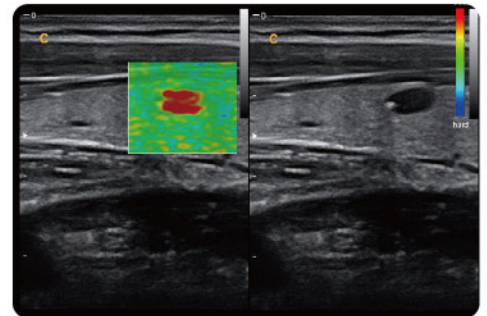
- Measure up to 16 follicles each time
- Quick and accurate measurement
- Convenient for the report management
- Improve the IVF successful rate



# General Imaging

## Elastography

Elastography displays tissue stiffness in real time to provide doctors with additional diagnostic information when scanning organs like liver and breast.

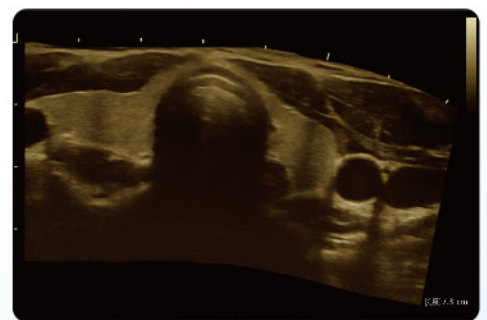


## Auto IMT Function

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

## Curved Panoramic Imaging

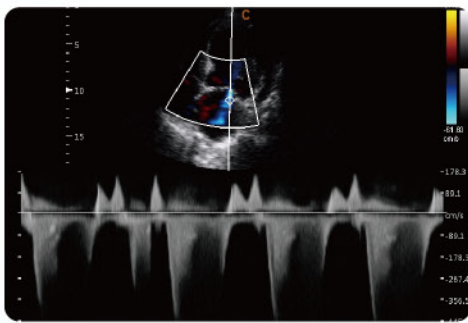
Curved Panoramic Imaging utilizes pattern recognition and image synthesis to generate wide and flexible view to reveal more anatomic information for diagnosis.



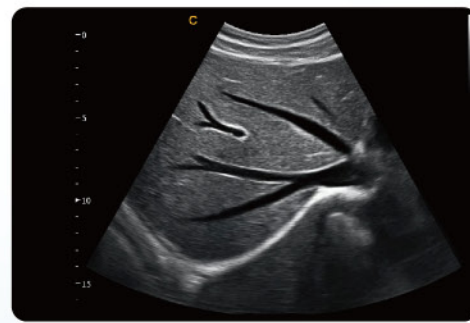
# Excellent Imaging Performance

--i9 provides superior image quality with high diagnostic confidence using advanced probe and system technology

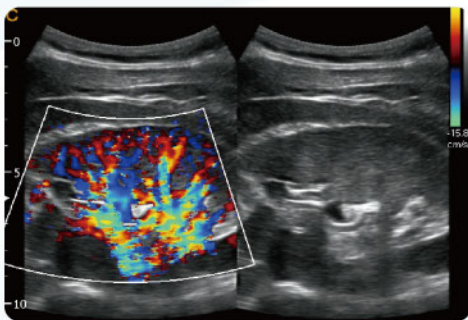
- Gorgeous B&W images with fine details and excellent contrast resolution
- Beautiful color images with high frame rate and sensitivity
- Crisp Doppler spectral images with high SNR



Mitral Valve Regurgitation, CW Mode



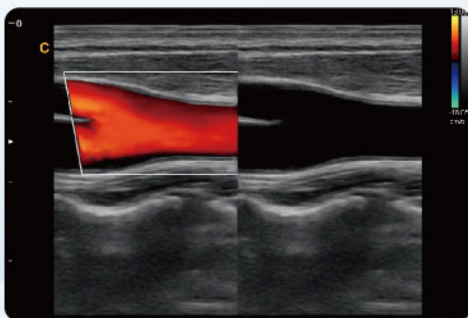
Hepatic Vein, B Mode



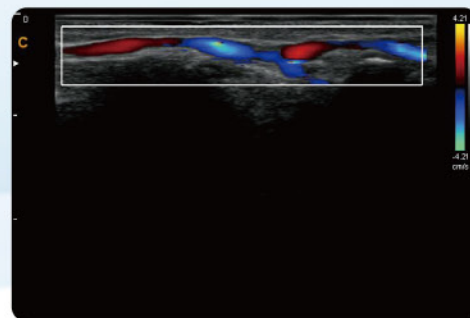
Kidney, B/BC Mode



Encephalocele B Mode



CCA, ECA&ICA, B/BC Mode



Finger Vessel, C Mode



3.5MHz Convex  
D3C60L



7.5MHz Linear  
D7L40L



12.0MHz(With FHI) Linear  
D12L40L



7.5MHz Linear  
D7L60L-60mm



7.5MHz Linear  
D7L30L



4.5MHz Volume  
V4C40L



3.0MHz Phased array  
D3P64L



6.0MHz Phased array  
D6P64L



3.0MHz Micro-Convex  
D3C20L



6.0MHz Micro-Convex  
D6C15L



5.0MHz Micro-Convex  
D5C20L



6.0MHz Transvaginal  
D6C12L



7.5MHz Transvaginal  
D7C10L

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