

**mindray**

# Consona N8

Diagnostic Ultrasound System

## Concrete to Resonate

Powered by **ZST+**





Dedicatedly designed for primary care users, the Consona features new and concrete solutions, that efficiently help you to carry out smooth diagnoses for extensive types of patients.

No matter your routine is in hospitals, clinics, or you are honing skills, you will find highly powerful and tools available on this series to keep you stay ahead, and inspire you with feelings of confident, convenient and conducive.

# Confident

## Excellent Image Platform

The ZST+ platform is an extraordinary innovation, representing an ultrasound evolution. Transforming ultrasound metrics from conventional beam-forming to channel data based processing. It delivers exceptional image quality for infinite imaging solutions with non-stop improvements.



# Transducer Family

- Single-Crystal transducers provide deeper penetration with details
- ComboWave transducers enhance imaging sensitivity
- Designed for comfortable gripping
- Wide clinical application coverage, supports more clinical scenarios



# Outstanding Technologies

PSH	iClear	NTE	STE/STQ	iBeam
HD-Scope	Glazing flow	HR Flow	UMW+ Contract Imaging	

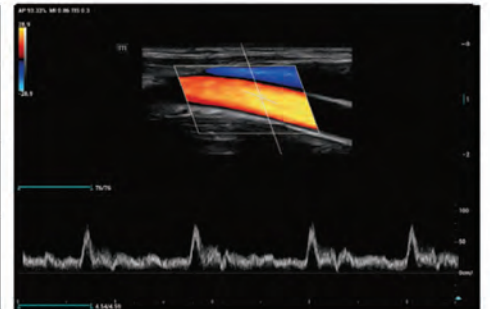
# Image Gallery



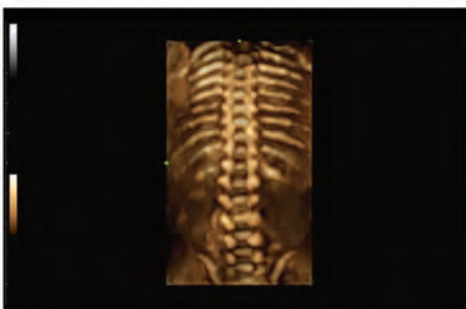
Gallstone



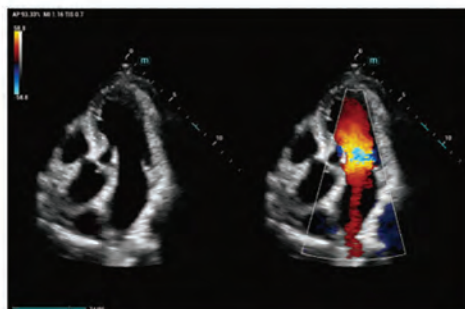
Kidney with HR Flow



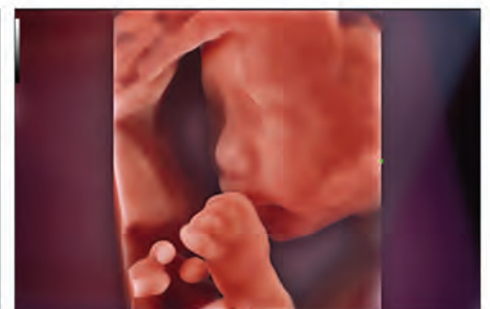
CCA Duplex



Fetal Spine



Adult Heart 2D and CDI in Dual Mode



Fetus 3D with iLive

# Convenient

## Comprehensive Clinical Solution

Dedicated to deliver more substantial value in each specific application scenario

### General Imaging Solution

Smart tools for smooth diagnosis



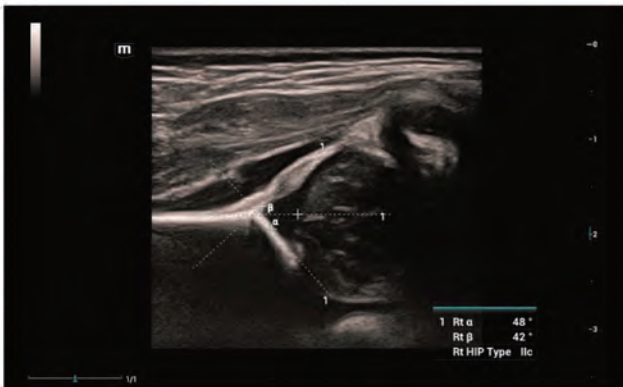
#### iTouch+

Real-time dynamic image optimization



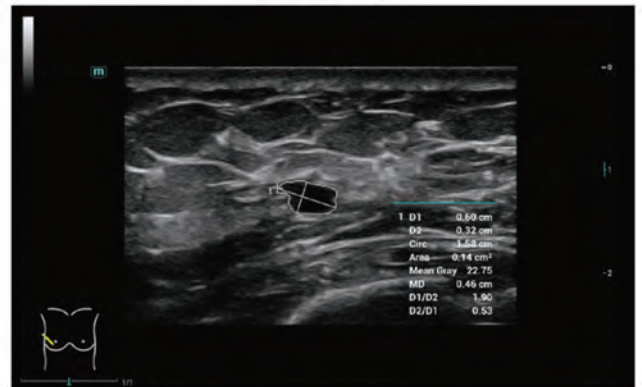
#### Smart HRI

Auto recognition of liver and renal cortex and calculate brightness ratio



#### Smart Hip

Automatic  $\alpha/\beta$  angles measurement of hip joint for Graf classification



#### Smart Calc

Automatic trace, measurement and calculation tool



#### Smart Breast

BI-RADS analysis and efficient workflow



#### Smart Thyroid

TI-RADS analysis and efficient workflow

# Women Health Solution

Full-stack smartness solution based on Smart Scene 3D



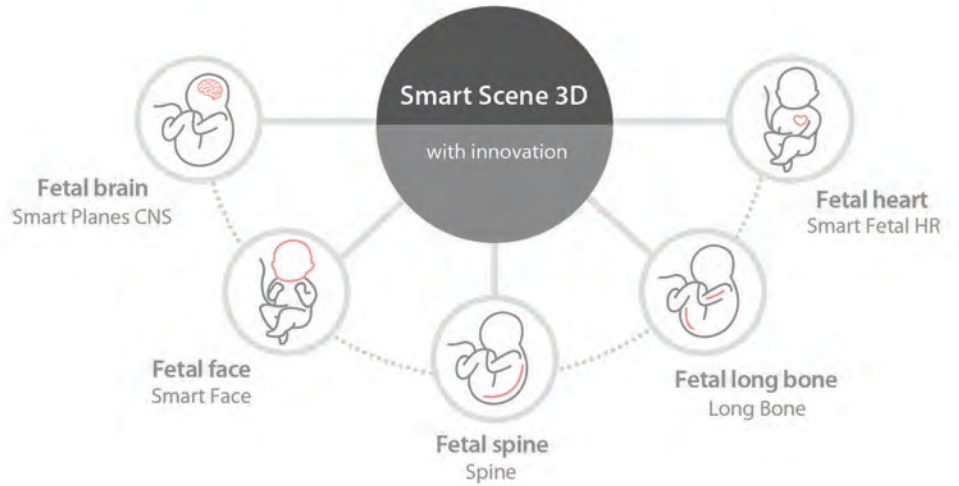
## Smart Scene 3D

Full-stack smartness obstetric solution empowered by ZST+



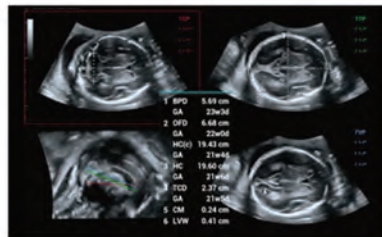
### Smart Face

Automatic removal of occlusions over fetal face with one click



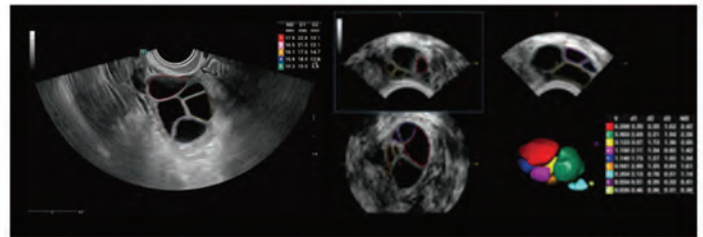
### Smart OB

Automatic measurement of fetal biometrics



### Smart Planes CNS

Automatic recognition and measurement of fetal central nervous system

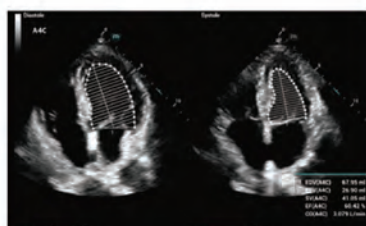


### Smart FLC 2D / 3D

Automatic follicle counting and measurement in 2D/3D mode

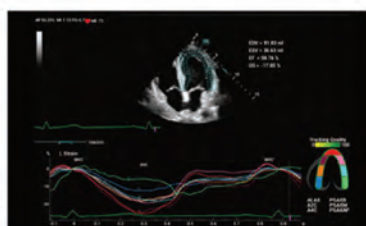
# Cardiovascular Solution

Effective cardiovascular evaluation



### AutoEF

Automatic measurement of Ejection Fraction by diastole/systole frames



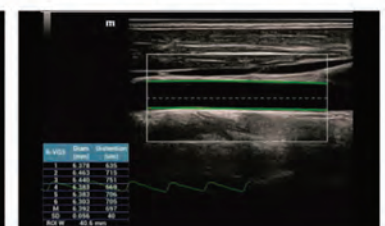
### TTQA

Myocardial synchronization evaluation with quantitative analysis



### RIMT

RF-data based real-time IMT measurement



### R-VQS

Vascular hardness coefficient & Pulse wave velocity (PWV)

# Ergonomic Design

Boosts the daily work efficiency. Exquisite machine design brings users better operating experience



Up to 15.6" touch screen



Dual-wing floating arm



Rotatable control pane



Storage space



Noise reduced design



Adjustable height



Water and dust proof panel



Ease-of-transportation



Built-in battery



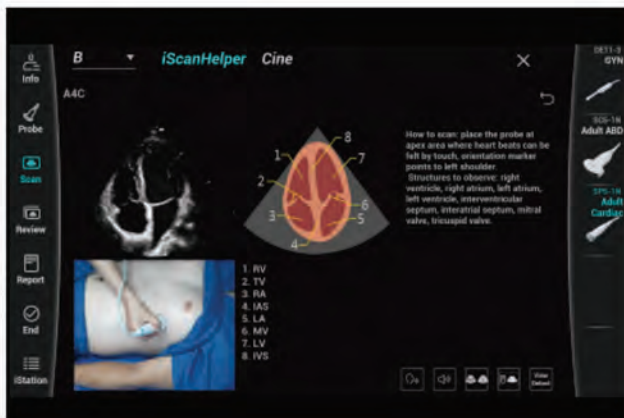
# Conducive

## Inspires the growth by every progressive step

Shortened learning curve with effective professional improvement

### iScanHelper

A scanning tool to practice skills by following the guidance step by step



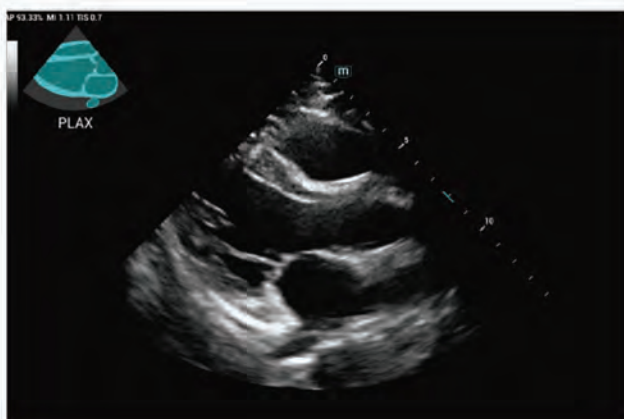
### iWorks

A standardized protocol, scanning step by step without plane omission



### Smart Vue

Automatic recognition on standard plane, and restore the standard plane automatically



# mindray

healthcare within reach



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