


# Consona N9

Diagnostic Ultrasound System

## Concrete to Resonate





The Consona N series is designed to help you obtain diagnostic information quickly and acquire advanced functionality. Sharing the epochal ultrasound solution with the primary individuals worldwide.

# Confident

## Excellent Image Platform

The ZST<sup>+</sup> 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



Transducer

- 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



Normal Liver



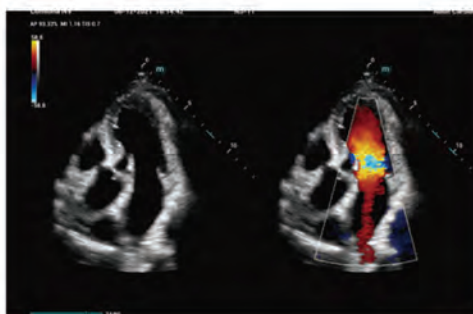
Kidney with HR Flow



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



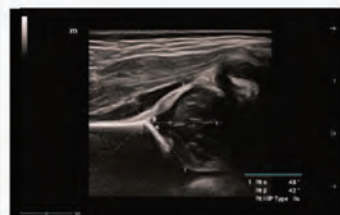
### Smart HRI

Automatic recognition of liver and renal cortex and brightness ratio calculation



### Smart Bladder

Automatic measurement of three diameters and bladder volume calculation



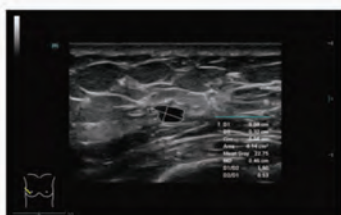
### Smart Hip

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



### Smart B-line

Automatic and rapid assessment of pulmonary edema



### 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

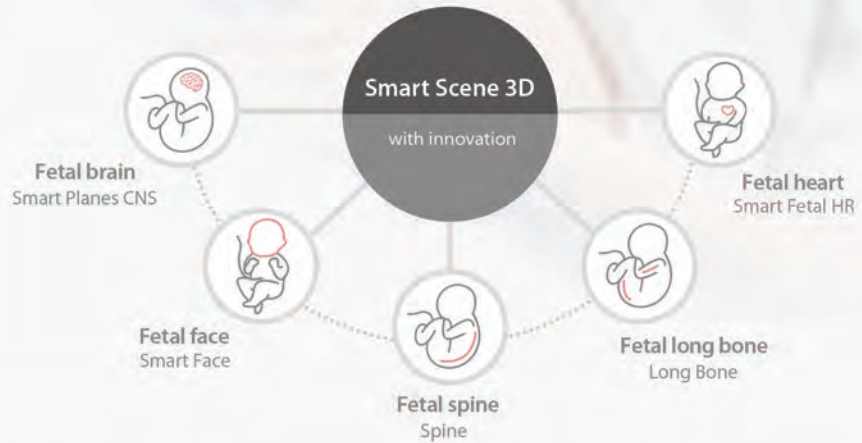
## Smart Scene 3D

Full-stack smartness obstetric solution empowered by ZST+



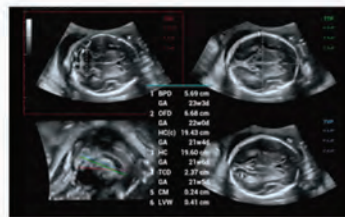
### Smart Face

Automatic removal of occlusions over fetal face with one click



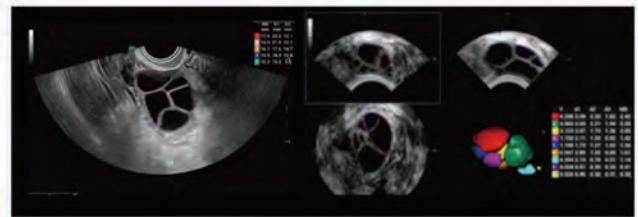
### Smart OB

Automatic measurement of fetal biometrics



### Smart Planes CNS

Automatic recognition and measurement of fetal central nervous system

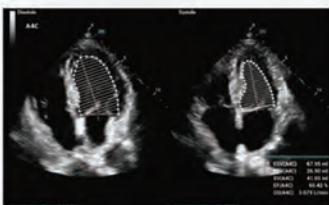


### Smart FLC 2D / 3D

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

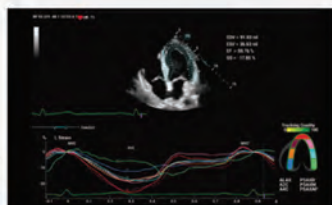
# Cardiovascular Solution

Effective cardiovascular evaluation



### AutoEF

Automatic measurement of Ejection Fraction by diastole/systole frames



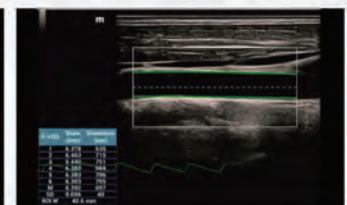
### TTQA

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 panel



Storage space



Noise reduced design



Adjustable height



Water and dust proof panel



Ease-of-transportation



Built-in battery



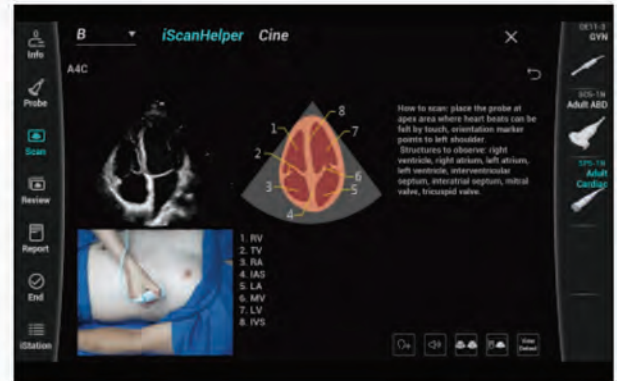
# Conducive

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



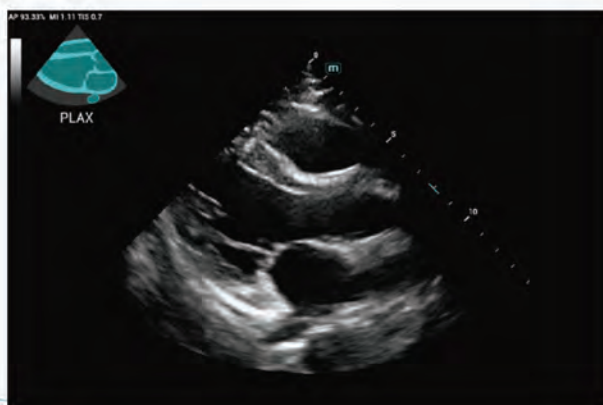
## iWorks

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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