mindray

Consona N8 EXP

Diagnostic Ultrasound System

Concrete to Resonate

Powered by ZST+





www.mindray.com

P/N:ENG-Consona N8-210285X8P-20221202

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healthcare within reach

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.

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



Transducer

Outstanding Technologies

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

Confident

Excellent Image Platform

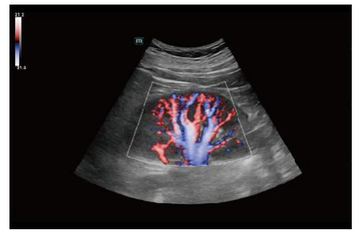
The ZST+ platform is an extraordinary innovation, representing an ultrasound evolution. Transforming ultrasound metrics from conventional beam-forming to channel data based processing. It delivers exceptional image quality for infinite imaging solutions with non-stop improvements.



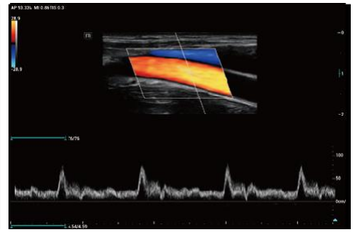
Image Gallery



Gallstone



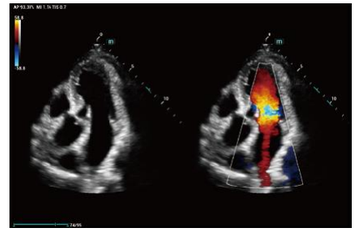
Kidney with HR Flow



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





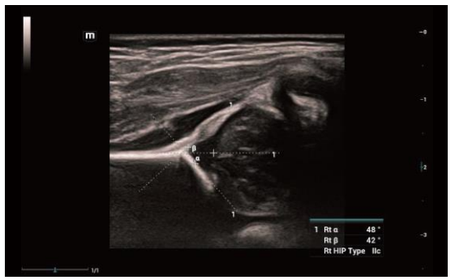
iTouch+

Real-time dynamic image optimization



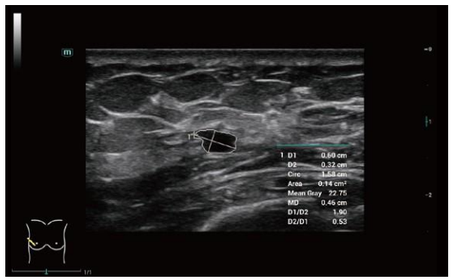
Smart HRI

Auto recognition of liver and renal cortex and calculate brightness ratio



Smart Hip

Automatic a/β 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

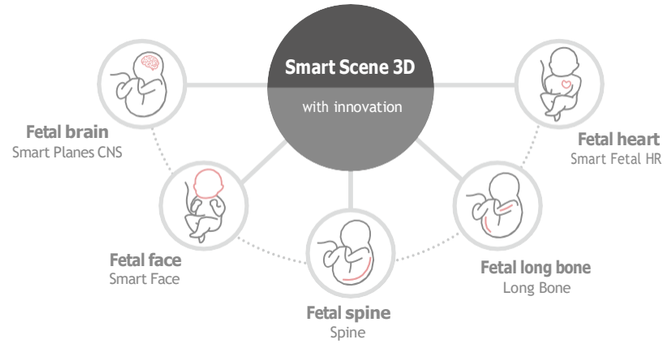
Smart Scene 3D

Full-stack smartness obstetric solution empowered by ZST+



Smart Face

Automatic removal of occlusions over fetal face with one click





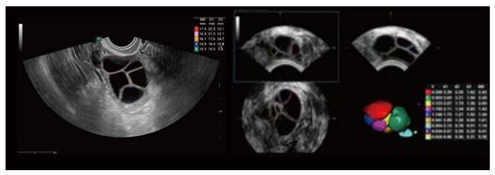
Smart OB

Automatic measurement of fetal biometrics



Smart Planes CNS

Automatic recognition and measurement of fetal central nervous system

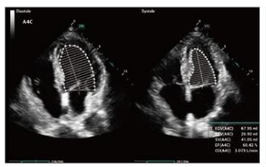


Smart FLC 2D / 3D

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

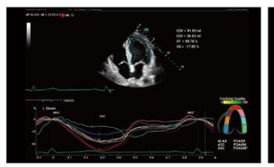
Cardiovascular Solution

Effective cardiovascular evaluation



AutoEF

Automatic measurement of Ejection Fraction by diastole/systole frames



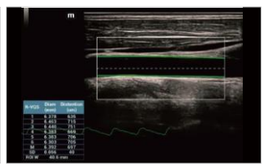
TTQA

Myocardial synchronization evaluation with quantitative analysis



RIMT

RF-data based real-time IMT measurement

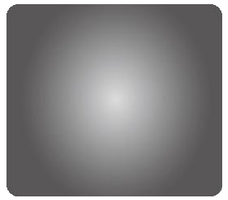


R-VQS

Vascular hardness coefficient & Pulse wave velocity (PWV)

Ergonomic Design

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



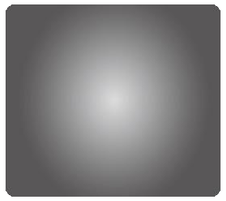
Up to 15.6’’touch screen



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

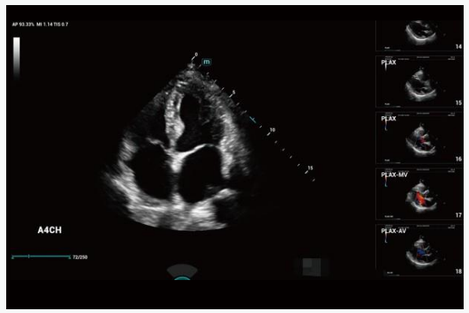
iScanHelper

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

