Mindray

Consona N8
Diagnostic Ultrasound System

Concrete to Resonate

Powered by **ZST+**

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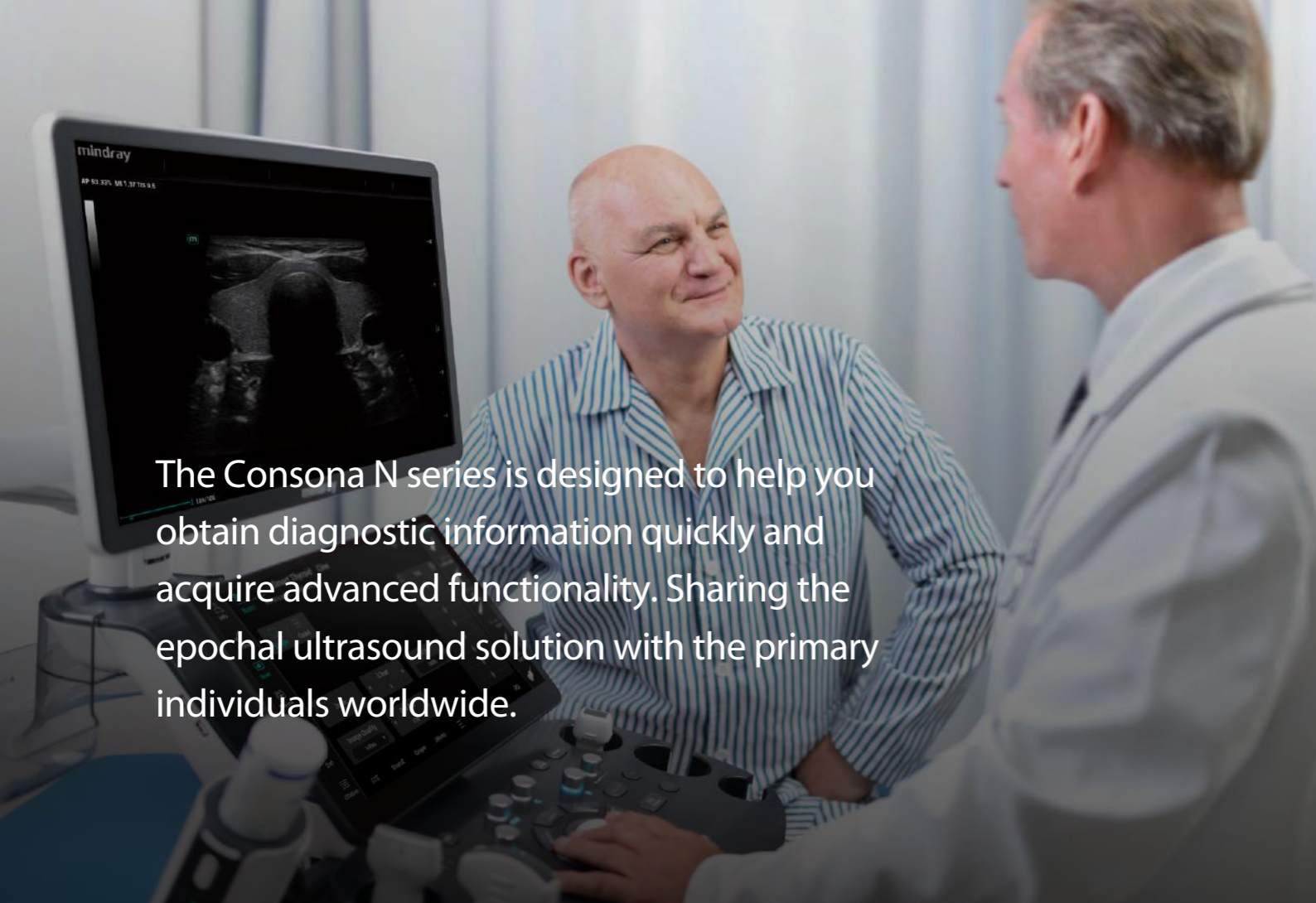
The Consona N series is designed to help you obtain diagnostic information quickly and acquire advanced functionality. Sharing the epochal ultrasound solution with the primary individuals worldwide.

Confident

Excellent Image Platform

The ZST+ 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.
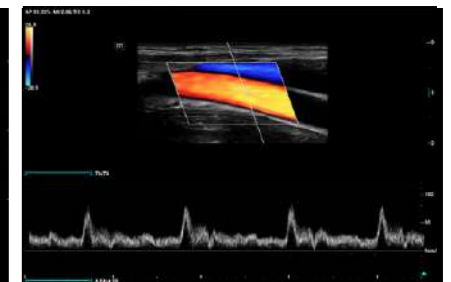
Transducer Family

- 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

Transducer

Outstanding Technologies

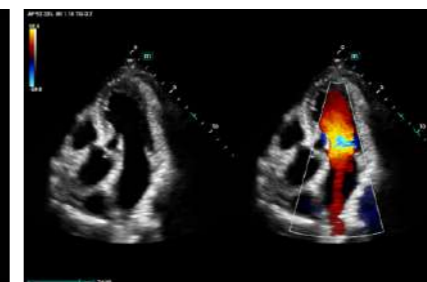| PSH | iClear | NTE | STE/STQ | iBeam |
| HD-Scope | Glazing flow | HR Flow | UMW+ Contract Imaging |

Image Gallery

Gallstone

Kidney with HR Flow

CCA Duplex

Fetal Spine

Adult Heart CDI

Fetal 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
Auto measure a/b angles of hip joint for easy Grap classification

Smart Calc
Automatic trace, measurement and calculation tool

Smart Breast
Smart and accurate breast lesion diagnosis based on ACR BI-RADS

Smart Thyroid
Productive and standard thyroid nodule assessment

Obstetrics & Gynecology Solution
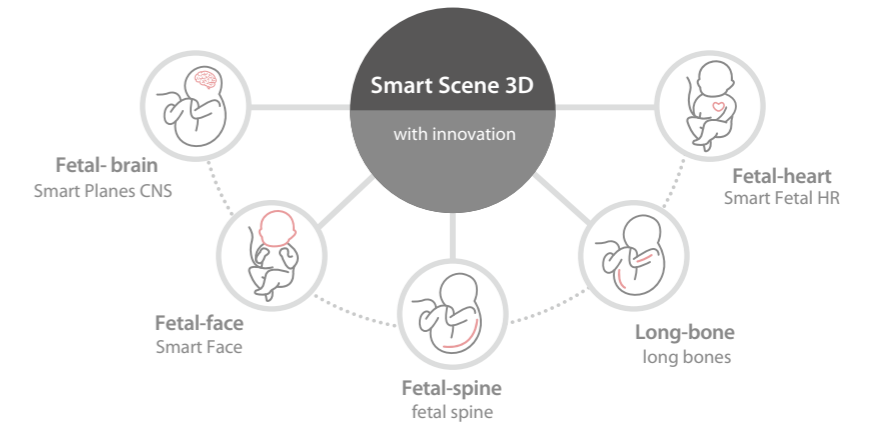Full-stack smartness solution based on Smart Scene 3D

Smart Scene 3D
Full-stack smartness obstetric solution empowered by ZST⁺

Smart Scene 3D with innovation

Fetal- brain — Smart Planes CNS
Fetal-heart — Smart Fetal HR
Fetal-face — Smart Face
Long-bone — long bones
Fetal-spine — fetal spine

Smart Face
One button removal of fetal face occlusions
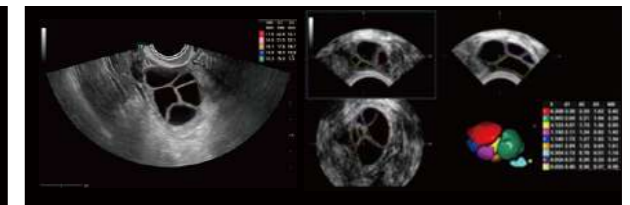
Smart OB
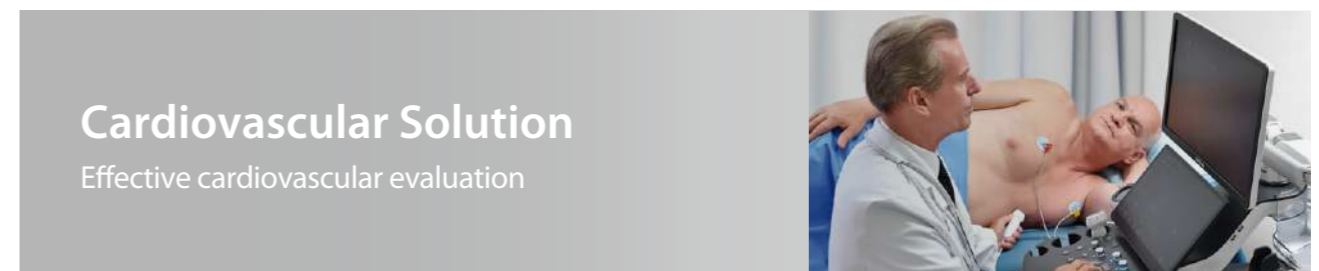Auto measurements of most frequently examined parameters

Smart Planes CNS
Extremely smart fetal CNS study tool

Smart FLC 2D / 3D
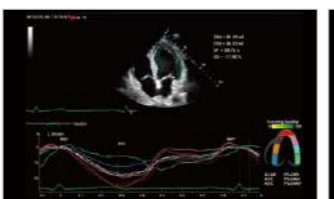Automatic detection of follicles' number and volume calculation

Cardiovascular Solution
Effective cardiovascular evaluation
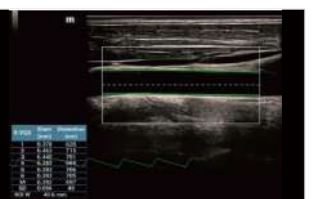
Auto EF
Easy measurements of cardiac function

TTQA
Angle–independent tissue tracking for precise evaluation of myocardial movement

RIMT
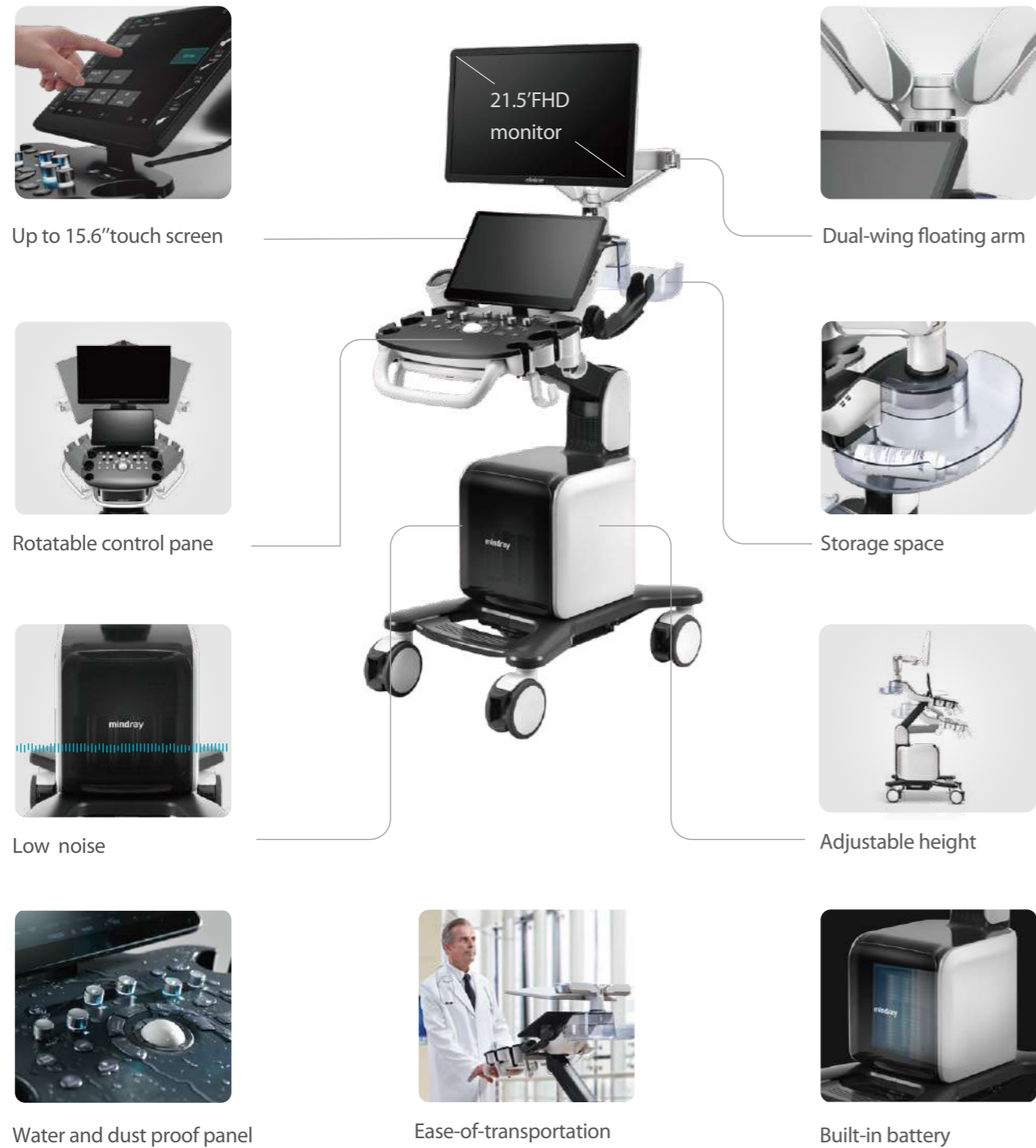Automatic and extremely accurate IMT measurement

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

21.5'FHD monitor

Dual-wing floating arm

Rotatable control pane

Storage space

Low noise

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
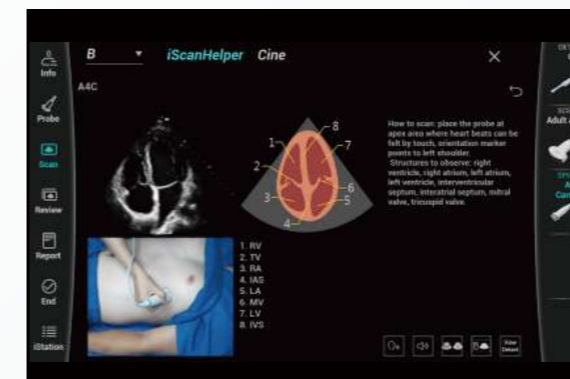
iWorks

A standardized protocol, scanning step by step without plane omission

Smart Vue

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