mindray

Consona N9
Diagnostic Ultrasound System

Concrete to Resonate

Powered by **ZST+**

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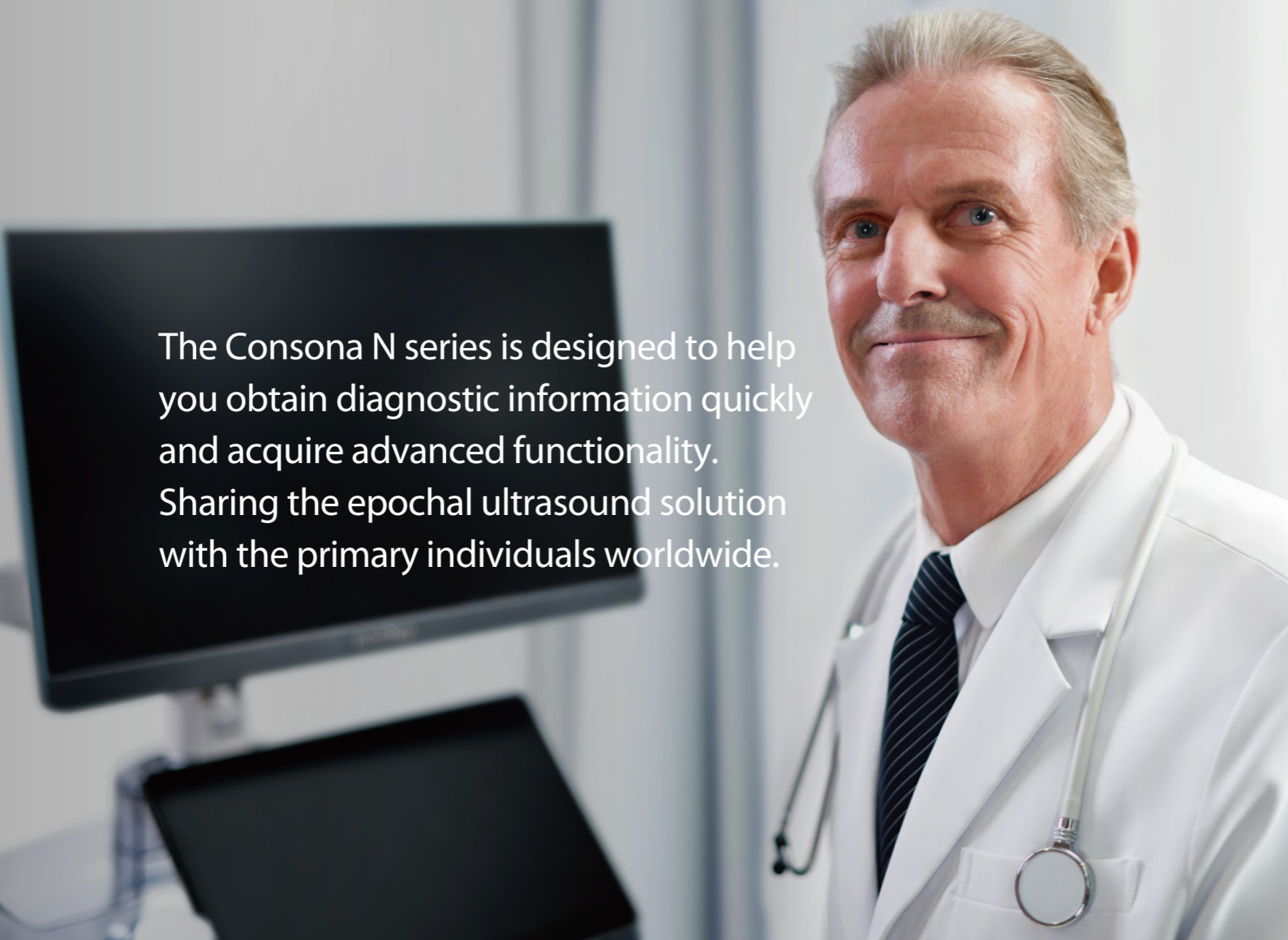
The Consona N series is designed to help you obtain diagnostic information quickly and acquire advanced functionality. Sharing the epochal ultrasound solution with the primary individuals worldwide.

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
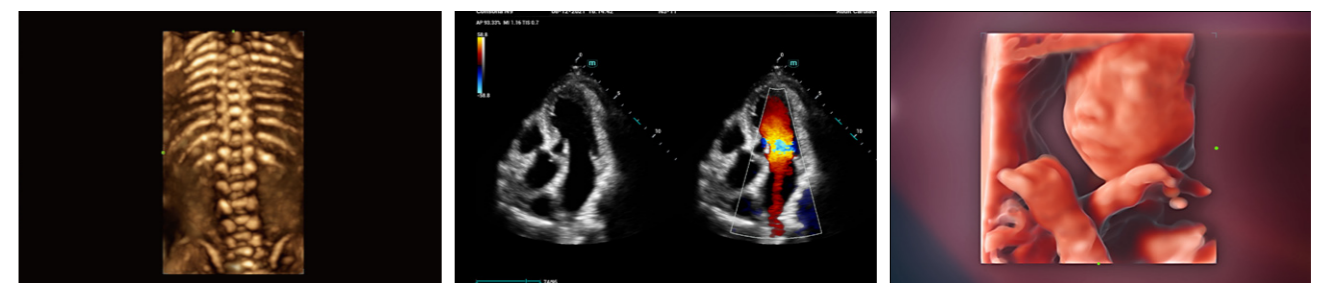
Outstanding Technologies

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

Image Gallery
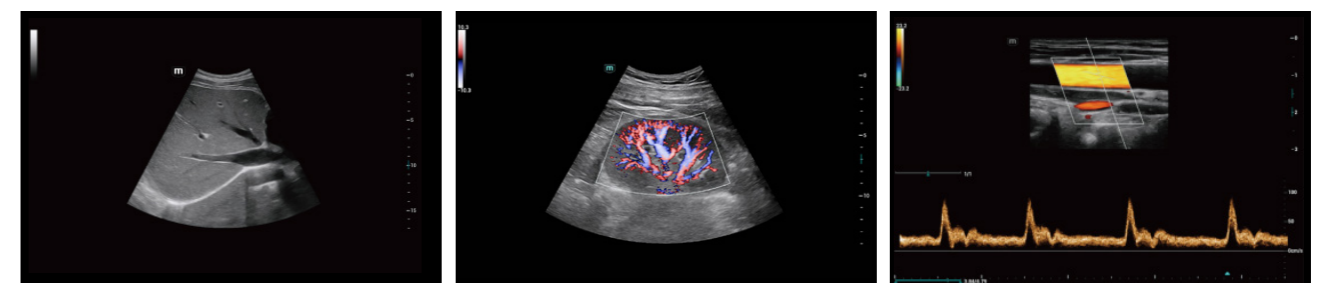
Normal Liver

Kidney with HR Flow

CCA Duplex

Fetal Spine

Adult Heart CDI

Fetal 3D with iLive

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.

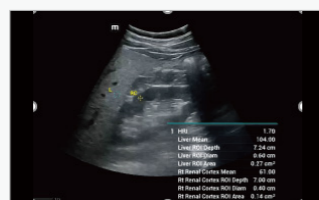# Convenient

Comprehensive Clinical Solution

Dedicated to deliver more substantial value in each specific application scenario
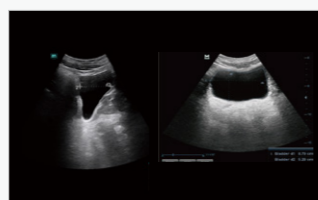
General Imaging Solution

Smart tools for smooth diagnosis

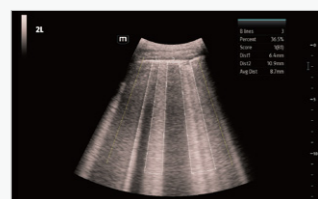**iTouch⁺**
Real-time dynamic image optimization

Smart HRI
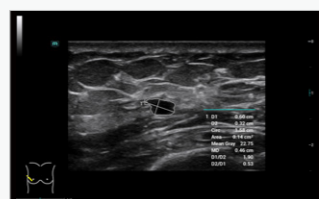Auto recognition of liver and renal cortex and calculate brightness ratio

Smart Bladder
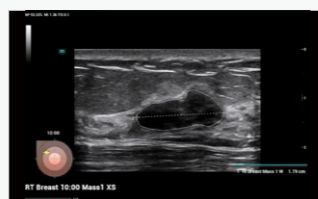Auto measure three diameters and calculate the bladder volume

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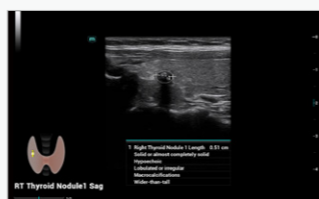Auto measure a/b angles of hip joint for easy Grap classification

Smart B-line
Automatic B-line recognition and numbers counting

Smart Calc
Automatic trace, measurement and calculation tool

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

Smart Thyroid
Smart and accurate thyroid nodule diagnosis based on ACR TI-RADS.
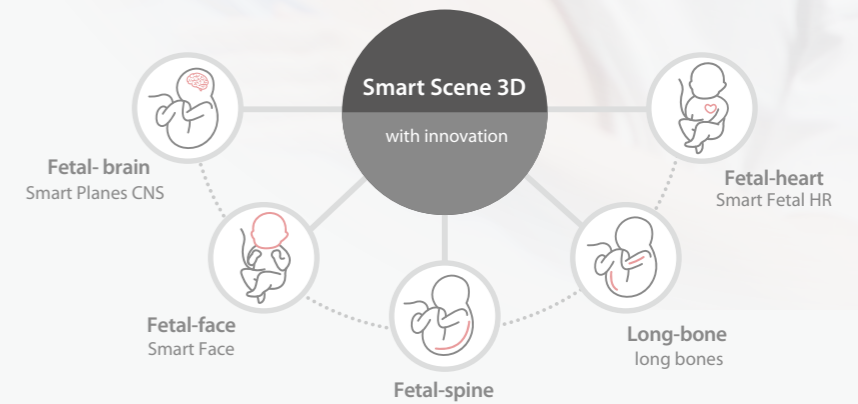
Obstetrics & Gynecology Solution

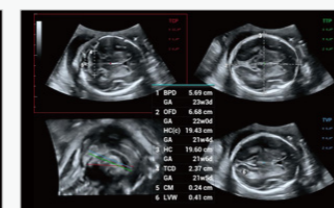Full-stack smartness solution based on Smart Scene 3D

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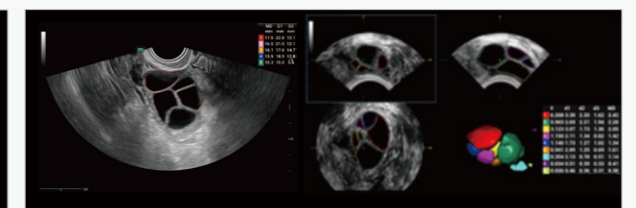
Full-stack smartness obstetric solution empowered by ZST⁺

Smart Face
One button removal of fetal face occlusions

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

Smart OB
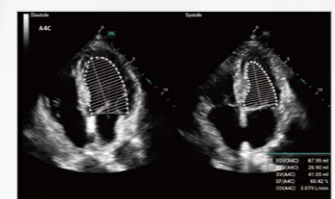Automated fetal biometrics measuremen

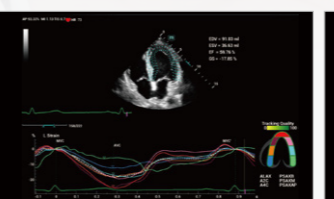**Smart Planes CNS**
Extremely smart fetal CNS study tool

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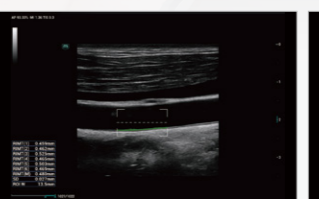
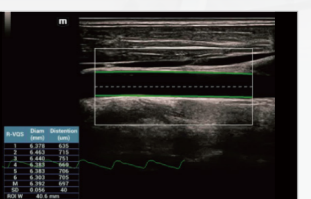## Cardiovascular Solution

Effective cardiovascular evaluation

Auto EF
Easy measurements of cardiac function

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

RIMT
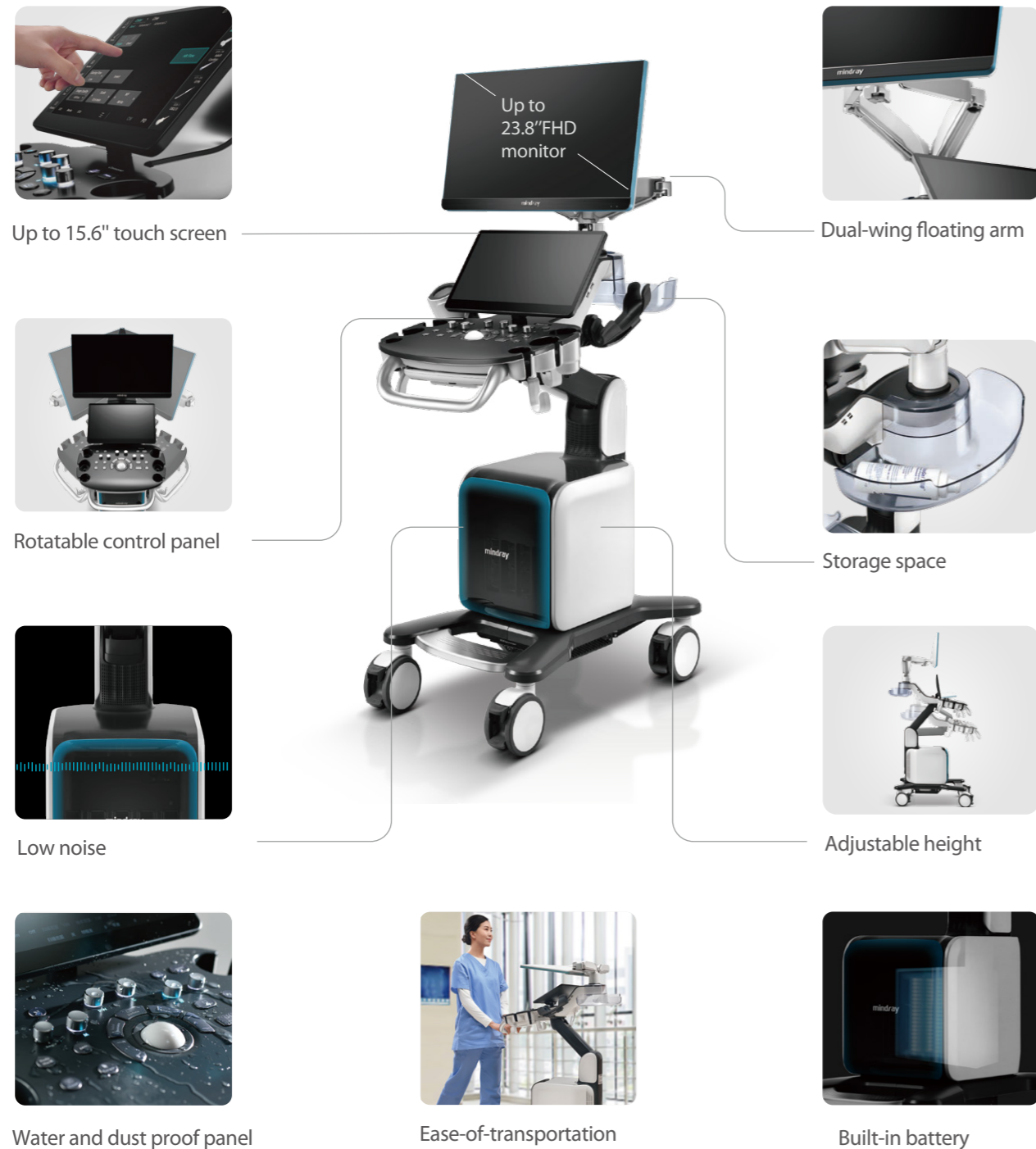Automatic and extremely accurate IMT measurement

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

Up to 23.8"FHD monitor

Dual-wing floating arm

Rotatable control panel

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
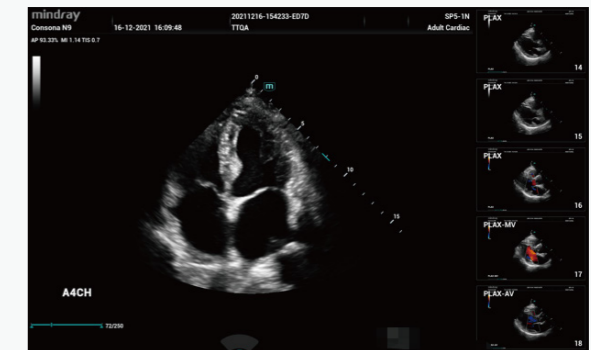
iScanHelper

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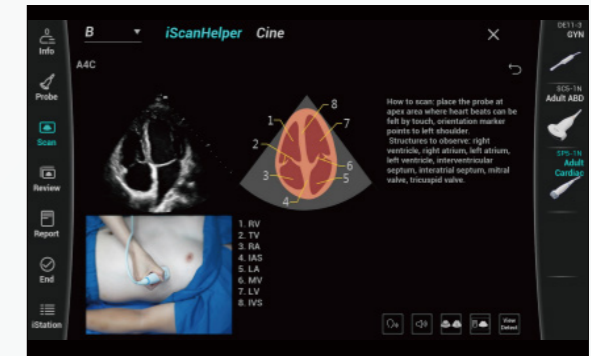
iWorks

A standardized protocol, scanning step by step without plane omission

Smart Vue

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