mindray

Consona N9
Diagnostic Ultrasound System

Concrete to Resonate

Powered by **ZST+**

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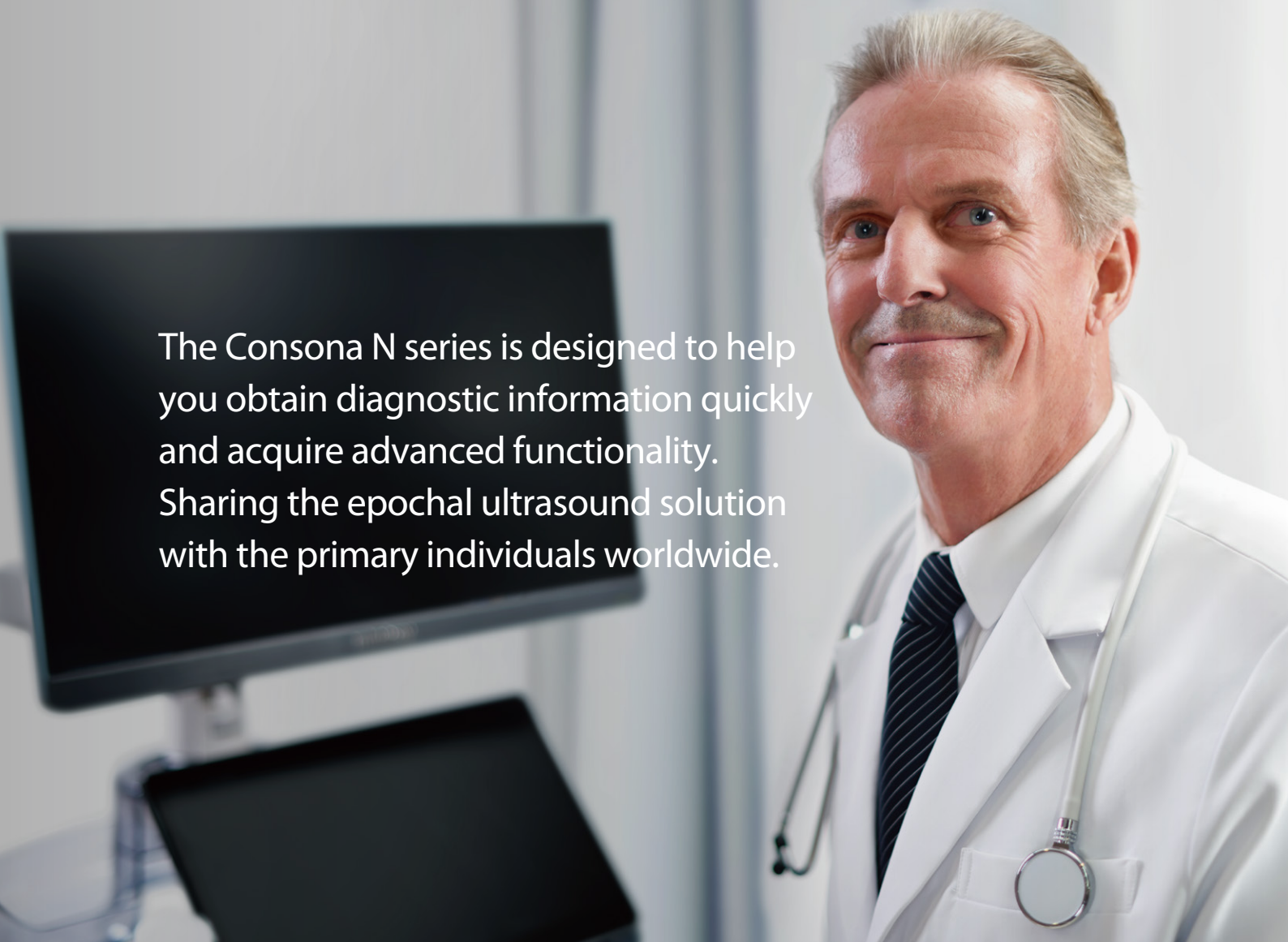
The Consona N series is designed to help you obtain diagnostic information quickly and acquire advanced functionality. Sharing the epochal ultrasound solution with the primary individuals worldwide.

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	
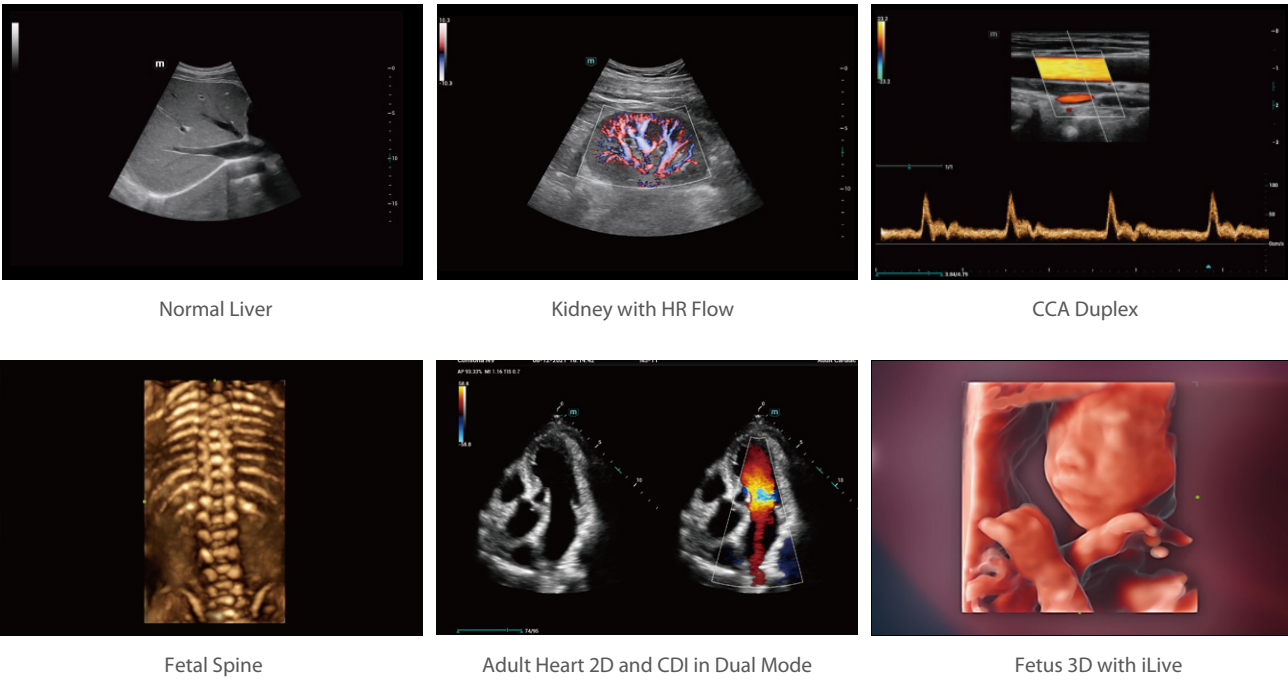
Confident

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

Normal Liver

Kidney with HR Flow

CCA Duplex

Fetal Spine

Adult Heart 2D and CDI in Dual Mode

Fetus 3D with iLive

Convenient

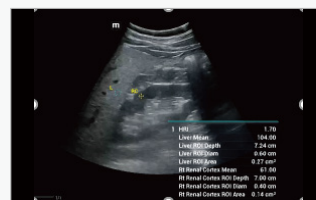## Comprehensive Clinical Solution

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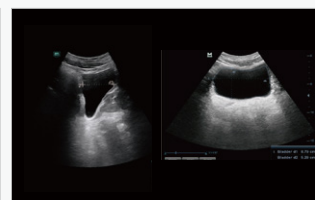
General Imaging Solution

Smart tools for smooth diagnosis

iTouch⁺
Real-time dynamic image optimization

Smart HRI
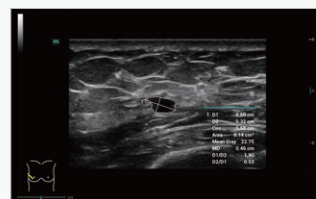Automatic recognition of liver and renal cortex and brightness ratio calculation

Smart Bladder
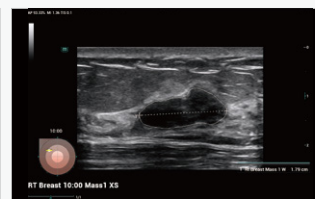Automatic measurement of three diameters and bladder volume calculation

Smart Hip
Automatic a/β 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
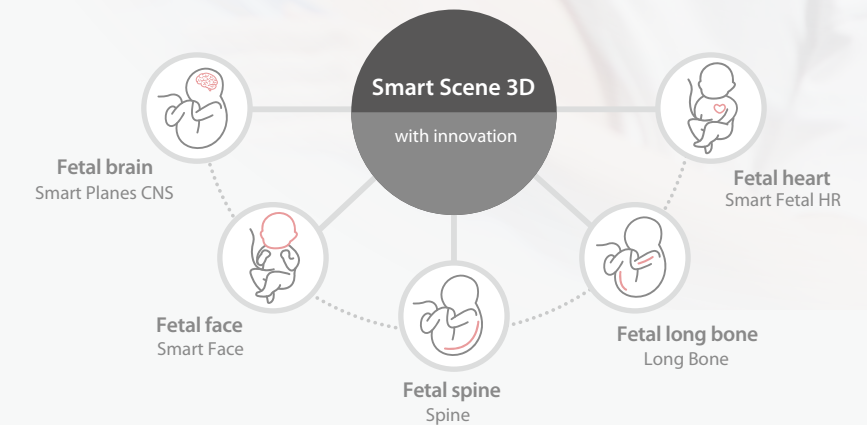TI-RADS analysis and efficient workflow

Women Health Solution

Full-stack smartness solution based on Smart Scene 3D
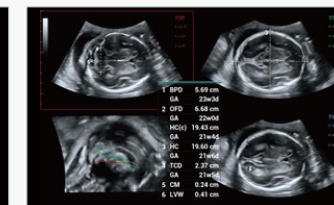
Smart Scene 3D

Full-stack smartness obstetric solution empowered by ZST⁺

Smart Scene 3D
with innovation

Fetal brain
Smart Planes CNS

Fetal heart
Smart Fetal HR

Fetal face
Smart Face

Fetal long bone
Long Bone

Fetal spine
Spine

Smart Face
Automatic removal of occlusions over fetal face with one click

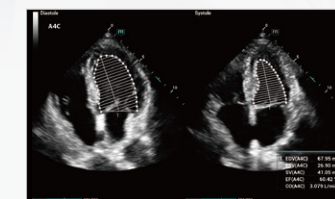**Smart OB**
Automatic measurement of fetal biometrics

Smart Planes CNS
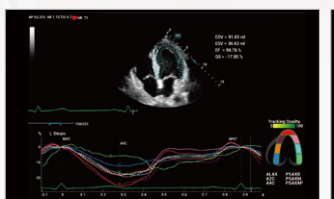Automatic recognition and measurement of fetal central nervous system
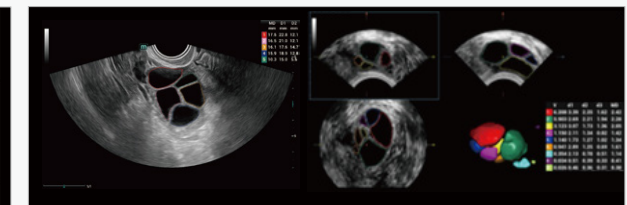
Smart FLC 2D / 3D
Automatic follicle counting and measurement in 2D/3D mode

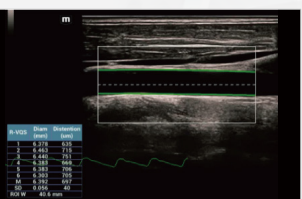## Cardiovascular Solution

Effective cardiovascular evaluation

AutoEF
Automatic measurement of Ejection Fraction by diastole/systole frames

TTQA
Myocardial sysnchronization 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

Up to 23.8"FHD monitor

Dual-wing floating arm

Rotatable control panel

Storage space

Noise reduced design

Adjustable height

Water and dust proof panel

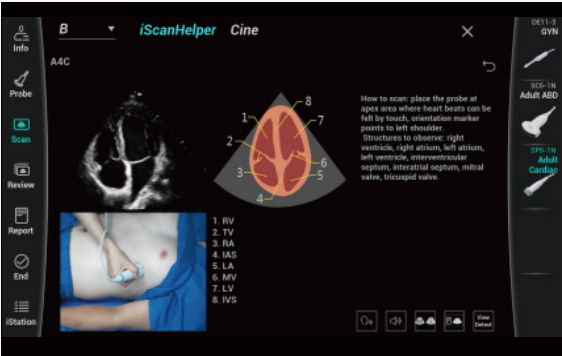Ease-of-transportation

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