mindray

Consona N9
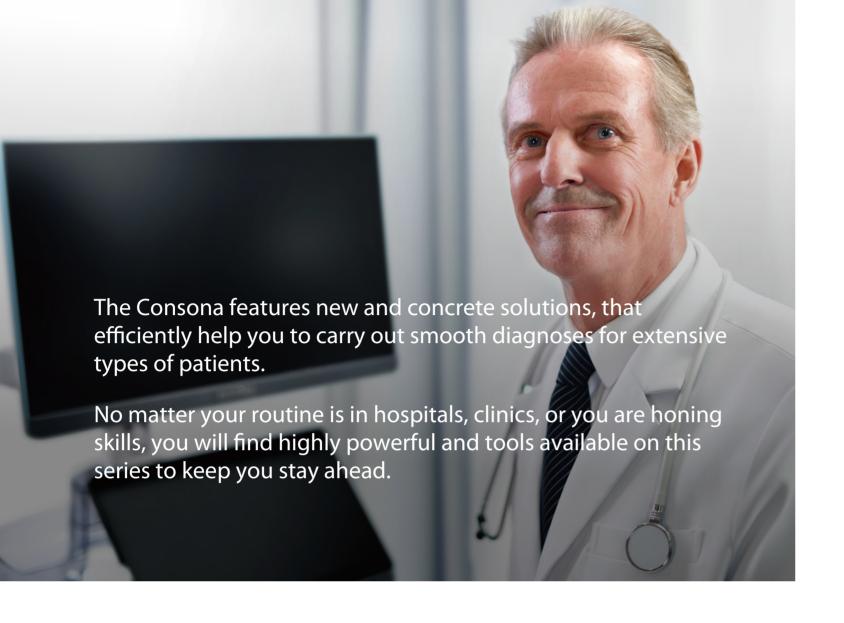Diagnostic Ultrasound System

Concrete to Resonate

Powered by **ZST+**

mindray
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.

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.
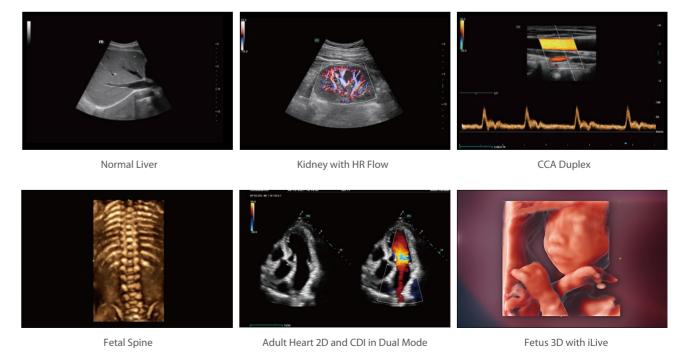
Transducer Family

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$^+$ Contrast 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
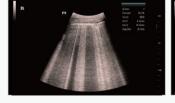
iTouch⁺
Real-time dynamic
image optimization

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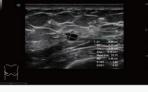and renal cortex and
brightness ratio calculation

Smart Bladder
Automatic measurement
of three diameters and bladder
volume calculation

Smart Hip
Automatic 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
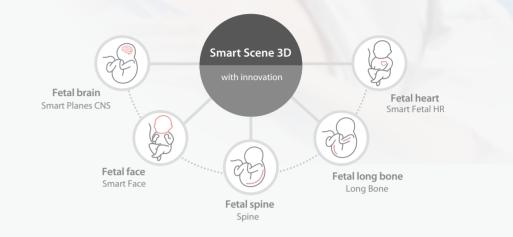efficient workflow

Women Health Solution

Full-stack smartness solution based on Smart Scene 3D

Smart Scene 3D

Full-stack smartness obstetric
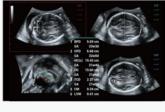solution empowered by ZST⁺

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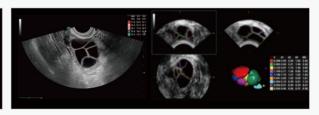Automatic removal of occlusions
over fetal face with one click

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 OB
Automatic measurement of
fetal biometrics

Smart Planes CNS
Automatic recognition and
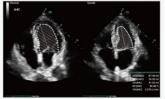measurement of fetal central
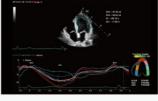nervous system

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
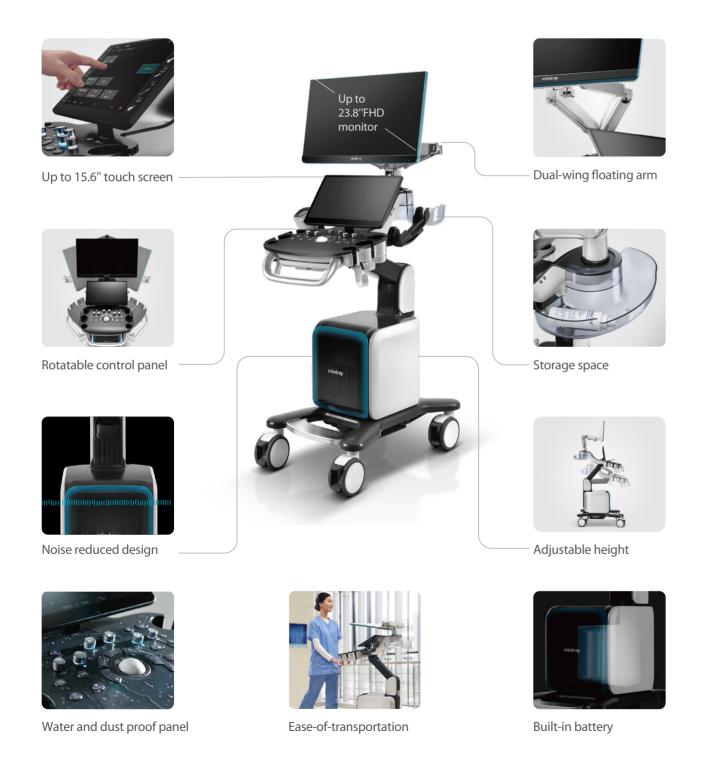evaluation with quantitative analysis

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

Rotatable control panel

Noise reduced design

Water and dust proof panel

Up to 23.8"FHD monitor

Ease-of-transportation

Dual-wing floating arm

Storage space

Adjustable height

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