Resona 7

Premium Ultrasound System

mindray

Resona 7 Premium Ultrasound System

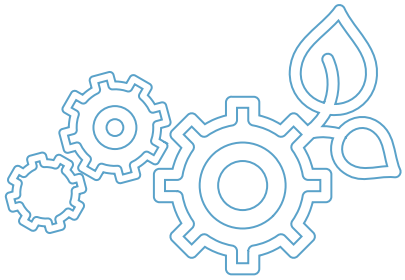
The next generation of ZONE Sonography Technology and the continuing evolution of Living Technology

Premium imaging capabilities with a full family of features

Powered by pioneering ZONE Sonography® Technology (ZST), the Resona 7 presents crystal clear B-mode imaging capabilities with unrivaled detail resolution and image uniformity across all radiology applications. Ultrasensitive Doppler modes and high-speed digital signal processing permit accurate display of hemodynamic states from skin line to depths up to 40 cm without compromising frame rate. An intuitive, customizable gesture-powered touchscreen enables logical and efficient workflow and enhanced user experience.

Coupling premium imaging with advanced workflow features and user-directed ergonomic design, the Resona 7 advances premium level ultrasound imaging into the next generation.

Leveraging ZONARE's revolutionary ZONE Sonography Technology with a rich repertoire of workflow and user interface features, the Resona 7 is poised to become the new industry leader in premium ultrasound imaging platforms.



Investment Protection with Living Technology

ZONE Sonography Technology is a constantly evolving software-based "living technology." Living Technology is our approach to providing customers with easily upgradeable ultrasound enhancements based on the unique and proprietary ZONE Sonography Technology. These upgrades secure product investment protection by ensuring that ZST+ systems remain at the cutting edge of imaging performance excellence throughout the entire life cycle.

Ergonomic Features

Designed by users for users, the Resona 7 offers:

- Six-way adjustable control panel with electronic height adjustment
- Unique gesture-powered, swipe touchscreen
- 12.1" tilting multi-touch display
- Electronic floating control panel (left/right, up/down, back/forth)
- Four active transducer ports

Powered by ZST+

Our promise of quality and top of the line ultrasound performance

ZONE Sonography Technology (ZST) is a revolutionary, software-driven approach to acoustic data acquisition and image formation that breaks the barriers of conventional ultrasound imaging.

ZST delivers multiple imaging advances:

Advanced Acoustic Acquisition™

Renders crystal clear imaging by using large zones to acquire up to 90% more acoustic data per frame and at speeds of 10x faster than conventional technology.

Dynamic Pixel Focusing™

Creates a perfectly focused image every pixel, every frame, every time, in every patient and in every application, from skin line to deepest depths (up to 40 cm with some transducers).

Sound Speed Compensation™

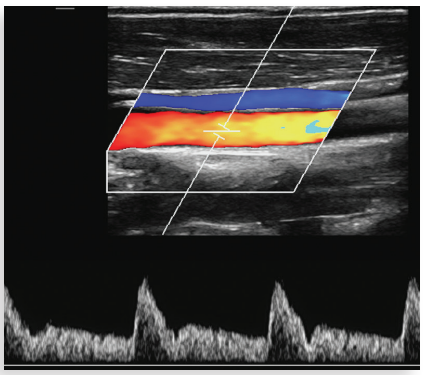
One button touch automatically calculates the true speed of sound in a specific soft tissue and recalibrates the imaging system to optimize spatial and contrast resolution.

Total Recall Imaging™

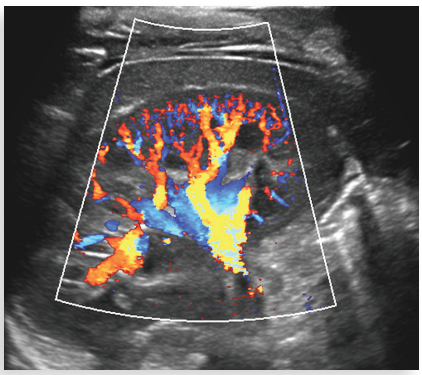
Powerful software allows manipulation of raw acoustic data from archived and cine images/clips permitting a broad range of post-processing functions eliminating the need for repeat scanning and increasing patient throughput.

Key Features and Options

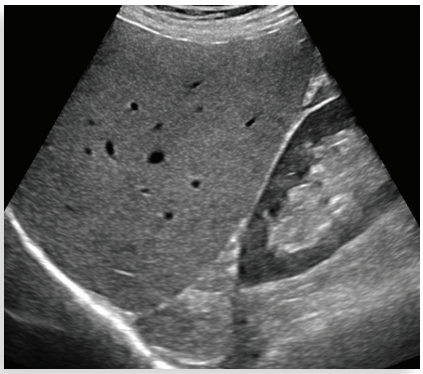
- iWorks: powerful and customizable protocol software
- HD Scope: enhanced localized contrast resolution
- HR Flow: better visualization of tiny vessels and complex flow patterns
- iNeedle: enhanced needle visualization application
- Smart Doppler: allows rapid and accurate adjustment of color and PW Doppler modes
- 3D/4D supports color Doppler imaging
- Smart OB: automatic measurement of major fetal biometric parameters – BPD, HC, OFD, FL, AC
- Smart FLC: automatic detection and volume calculation of ovarian follicles using 3D volumetric data set
- iFusion with respiration compensation
- Multi-modal retrospective post-processing capabilities
- Seamless wireless access
- Voice command capabilities



Brachial artery triplex | L9-3U

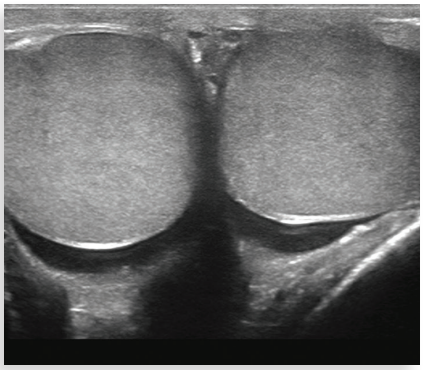


Renal CDI | SC5-1U

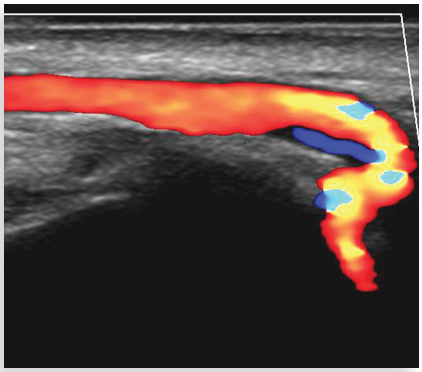


Liver kidney B-mode | SC5-1U

Pancreas B-mode | SC8-2U

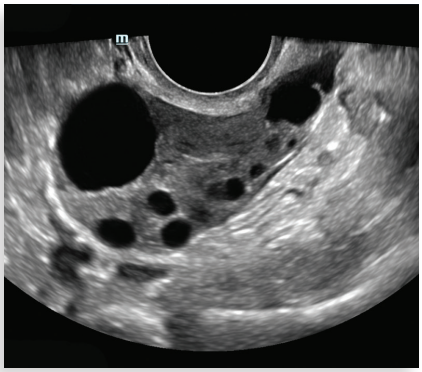


Testicles | L14-5WU



Temporal artery CDI | L20-5U

Fetal face 3D | D8-4U



Ovarian follicles | V11-3HU

Mindray North America
800 MacArthur Blvd., Mahwah, NJ 07430
Tel: 800.288.2121 Tel: 201.995.8000 Fax: 800.926.4275

www.mindray.com

mindray
NORTH AMERICA