

solutions within reach



# ZS3

Ultrasound System

**mindray**

# ZS3 Ultrasound System

Combining premium performance and mobility for today's demanding ultrasound environments

## Unsurpassed image quality from skin line to industry-leading imaging depths

The ZS3 ultrasound system is the ultimate imaging platform for the widest range of clinical specialties including general imaging, vascular, women's imaging, and shared service applications. Equipped with next generation ZONE Sonography® Technology (ZST), the ZS3 system uses a revolutionary, software-driven approach to acoustic data acquisition and image formation that breaks the barriers of conventional ultrasound imaging. With every pixel in focus to depths of up to 40 cm\*, the ZS3 system delivers uniform and high resolution ultrasound imaging across a broad spectrum of body types from pediatric to bariatric.

\* Available on C4-1 transducer

## Key Features

- One-touch image optimization
- Contrast Enhanced Ultrasound (CEUS)\*
- Strain elastography
- 3D/4D volumetric imaging

\* Available on select transducers



## Smaller footprint for superior workflow

Designed to meet the demands of today's changing ultrasound environment, the ZS3 system is a smaller, lightweight system that easily glides into place. This, coupled with fast transition times between modes and customizable, ergonomic features, results in increased exam efficiency and patient throughput.



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.

### Advanced Acoustic Acquisition™

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

### Dynamic Pixel Focusing™

Creates a perfectly focused image every pixel, every frame, every time from skin line to deepest depths (up to 40 cm with C4-1 transducer).

### 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 you to manipulate raw acoustic data from cine permitting a broad range of post-processing functions, eliminating repeat scans and increasing patient throughput.

*“The ZS3 offers superb high-frequency imaging in the abdomen with enormous penetration. This makes structures visible that I have never seen before, even with the most challenging of patients.”*

**Dr. Jörg Bönhof**  
Wiesbaden, Germany

# Industry's Best Investment Protection and Cost of Ownership

## Living Technology

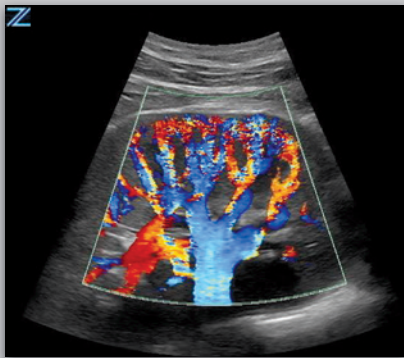
Living Technology is a constantly evolving software-based approach to providing our customers with easily upgradeable enhancements made possible by both of our core imaging technologies: ZONE Sonography and mQuadro. These upgrades secure product investment protection by ensuring that Mindray ultrasound systems remain at the cutting-edge of imaging performance excellence throughout their entire life cycle.

## The ZS3's standard five (5) year warranty\* includes:

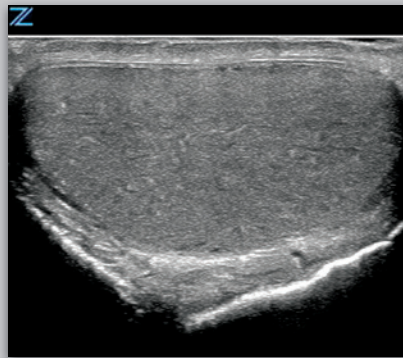
- Replacement parts (normal wear and failure), including cart, scan module, and standard transducers
- Onsite labor for cart related repairs
- Ongoing state-of-the-art ultrasound performance with software updates\*\*

\* Standard five (5) year warranty is available for systems purchased directly from Mindray North America. Warranties for systems purchased from Mindray authorized agents can vary.

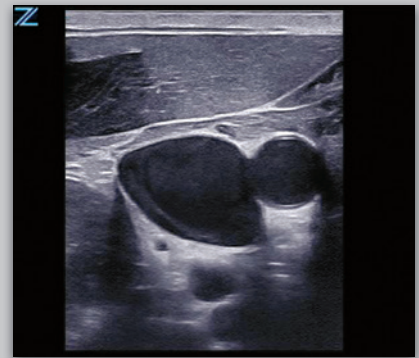
\*\* Upgrades, such as new application packages and hardware, are optional purchases.



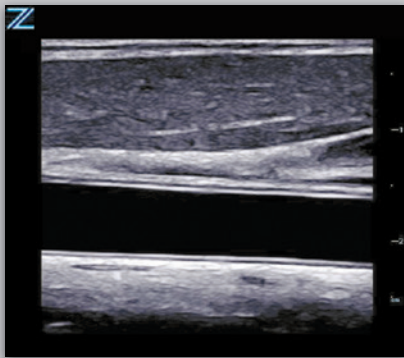
Renal perfusion CDI



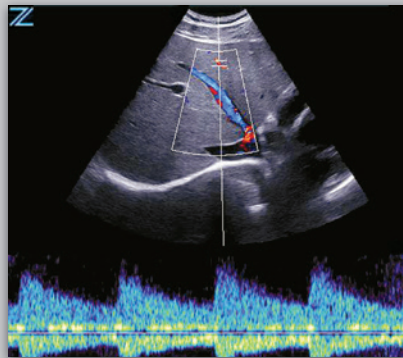
Testicle B-mode



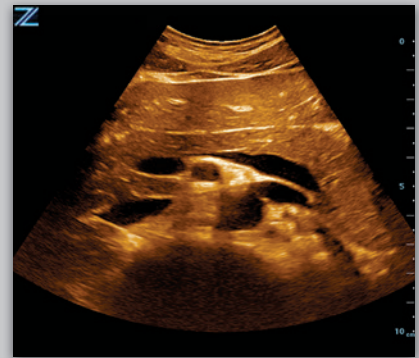
Neck anatomy B-mode



Carotid artery B-mode



Hepatic artery branch triplex



Pancreas B-tint

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