

# ME8

## Ultrasound System

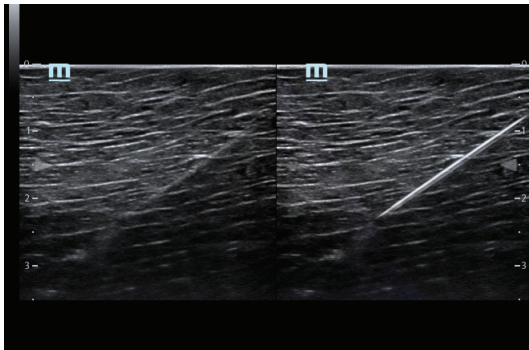


# Thin. Light. Powerful.

The ME8 Ultrasound System has been thoughtfully designed to overcome the obstacles clinicians face in today's challenging healthcare environment. Powered by our groundbreaking software-based beamformer technology, ZONE Sonography® Technology<sup>+</sup> (ZST<sup>+</sup>), the ME8 Ultrasound System empowers decision making by providing end-users best-in-class image quality and access to a comprehensive suite of workflow enhancement tools. In addition, the ergonomic design of the system enables increased mobility and durability in a variety of clinical scenarios.

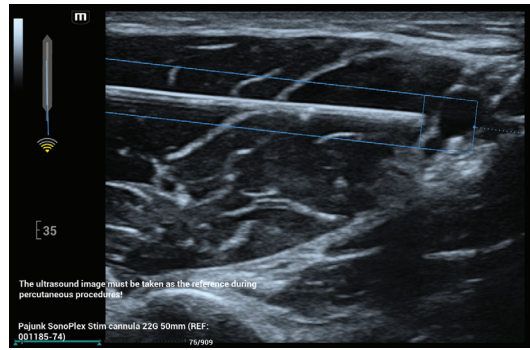
Since its founding, Mindray has been dedicated to developing innovative and accessible ultrasound solutions. As a leading global developer, manufacturer, and supplier of medical devices and technologies, Mindray's ultrasound systems can be found in each of the top 10 hospitals in the United States<sup>1</sup>. With over 30 years of experience, Mindray has deep-seated roots and a sole focus on the healthcare industry. This keen focus allows us to partner with clinicians like you and break the boundaries to innovation. You will never wonder where our focus, passion, or interest lies because we live and breathe healthcare, just like you.

## Advanced Needle Visualization Tools



### iNeedle<sup>+</sup>

Our second-generation iNeedle<sup>+</sup>™ technology automatically detects needle angle and improves visibility on both linear and convex transducers during interventional procedures.



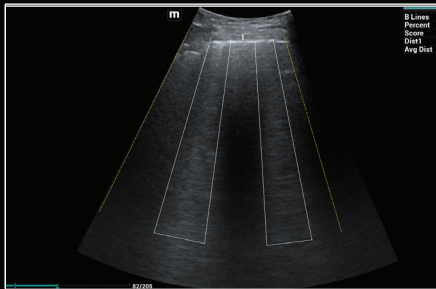
### eSpatial Navi

4D magnetic needle navigation technology, eSpatial Navi™, delivers enhanced needle visualization and location during in-plane or out-of-plane procedures for improved physician confidence and patient safety during interventional procedures.

1. <https://health.usnews.com/health-care/best-hospitals/articles/best-hospitals-honor-roll-and-overview>

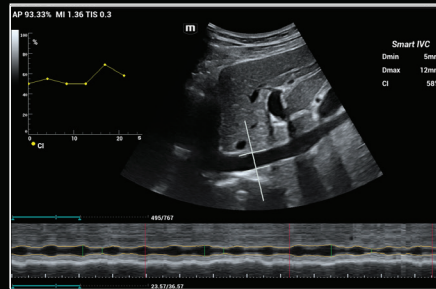
# AI Smart Tools to Empower Your Workflow

With a suite of artificial intelligence (AI)-enhanced technologies, the ME8 Ultrasound System helps clinicians optimize productivity and achieve consistency, even in the most difficult exams, helping to improve patient outcomes.



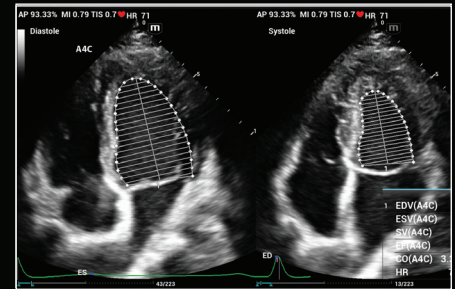
## Smart B-Line

Enables rapid assessment of lung tissue by automatically calculating number and area percentage of B-Lines according to user-selected protocols.



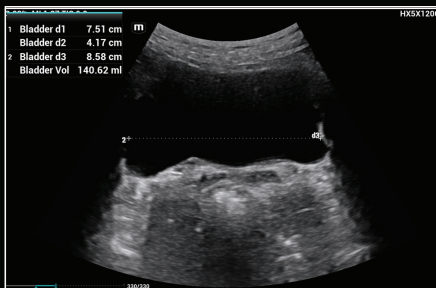
## Smart IVC

Automated measurement of Inferior Vena Cava (IVC) helps assess volume status and guides fluid management.



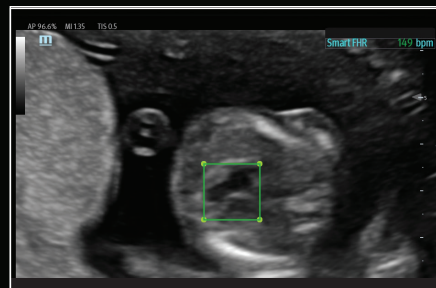
## Auto EF

Proprietary technology to analyze 2D echo data to automatically calculate EDV/ESV/EF for left ventricular function evaluation.



## Smart Bladder

Automated measurement of bladder volume to determine pre and post void measurements.



## Smart FHR

Automated fetal heart rate calculation utilizing B-mode echo data.



## Auto GA

Automated measurement of the Gastric Antrum (GA) utilizing our AI-powered pattern recognition algorithm.

# Innovative Ergonomics

At Mindray, we are continually pushing towards our vision of better healthcare for all. With the ME8 System, this comes in the form of meaningful ergonomic enhancements and insightful industry designs to help optimize workflow. With a customizable multi-gesture touch interface, three storage baskets, and a U-bank battery companion that supports up to eight hours of continuous scanning, the ME8 Ultrasound System enables intuitive and efficient workflow.

## Ergonomic Highlights:

1. 15.6" LED monitor
2. Seamless control panel design for enhanced fluid resistance and ease of disinfection
3. Vertical cable routing prevents dragging and cable fatigue
4. Retractable cord to reduce tripping hazards and contamination

# Peace of Mind Protection

## The Industry's Best Investment Protection and Total Cost of Ownership

### Living Technology

Living Technology™ is a continually evolving software-based approach to providing our customers with easily upgradeable enhancements made possible by our core imaging technologies. These upgrades secure product investment protection by ensuring that Mindray Ultrasound Systems remain at the cutting-edge of imaging performance throughout their entire life cycle.

### Standard warranty\* includes:

#### Five-years of coverage for:

- Main system and parts, and technical phone support Monday-Friday, 8 am–8 pm ET (excluding U.S. holidays)
- Standard transducers (normal wear and failure)
- Software performance updates with Living Technology

#### One-year of coverage for:

- Specialty transducers including, but not limited to, TEE and 4D transducers

\* 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.



### Mindray North America

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