



Answers Within Reach

Ultrasound Diagnostic Imaging for Critical Care

Critical care clinicians require extreme versatility in their ultrasound solutions as the critical care environment presents many unique challenges. Innovation must take center stage to help elevate patient outcomes and combat these challenges. The leading-edge ME8 Ultrasound System has an extensive suite of artificial intelligence (AI) Smart Tools, exceptional cardiac imaging, and advanced analysis tools. Its durable and portable design makes it ideal for the demanding and stressful environment.

With over 30 years of experience, Mindray has brought numerous innovative ultrasound solutions to the market. As the developer of the first software-based beamformer and image formation technology - ZONE Sonography® Technology+ (ZST+), Mindray's unique approach provides clinicians with higher frame rates, decreased motion artifacts, and a precise display of hemodynamics, giving providers clear, uniform images. See how innovative, accessible, leading-edge ultrasound solutions can empower your Critical Care Department to provide the highest quality of care now and in the future.



Your Expertise, Our Solutions

At Mindray, your mission is our foundation. You strive to provide patients with the best care possible and rely on outstanding medical devices to provide exceptional care. The ME8 offers best-in-class image quality, a superior user experience, and an extensive suite of AI-powered Smart Tools to ensure critical care clinicians have the information needed to provide confident answers at the bedside.



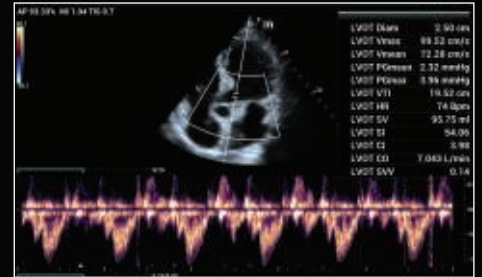
Smart B-line

Enables rapid assessment of lung tissue by automatically counting the number of B-lines and percentage of area of B-lines



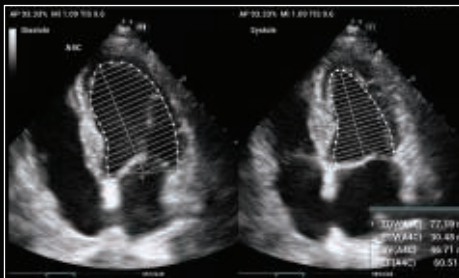
Smart IVC

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



Smart VTI

Automated Velocity Time Integral (VTI) and Cardiac Output (CO) measurements enable rapid cardiac function assessment



Auto EF

Proprietary technology analyzes 2D echo data to automatically recognize diastole/systole frames and calculate EDV/ESV/EF for left ventricle function evaluation



Auto GA

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



TEE

Color Doppler assessment of a regurgitant jet using the P7-3

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healthcare within reach