



Answers Within Reach

Ultrasound Diagnostic Imaging for Emergency Medicine

When time is limited, an ultrasound system needs to be able to adapt to various challenges faced in Emergency Medicine. To combat these challenges and to help elevate patient outcomes, innovation must take center stage. The ME8 System has an extensive suite of artificial intelligence (AI) Smart Tools, intuitive user interface, extended battery life, and efficient protocol-based workflow (iWorks™), that makes it ideal for rapid assessments anytime and anywhere in the Emergency Medicine Department.

With over 30 years of experience, Mindray has brought numerous innovative ultrasound solutions to 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 clinicians clear, uniform images. See how innovative, accessible, leading-edge ultrasound solutions can empower your Emergency Medicine Department to provide the highest quality of care now and in the future.



ME8 Ultrasound System

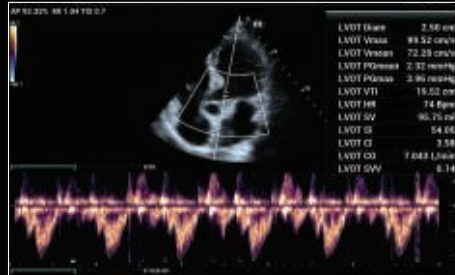
Your Expertise, Our Solutions

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, transesophageal echocardiography (TEE) imaging, and an extensive suite of AI-powered Smart Tools to ensure emergency medicine clinicians have the information needed to provide confident answers.



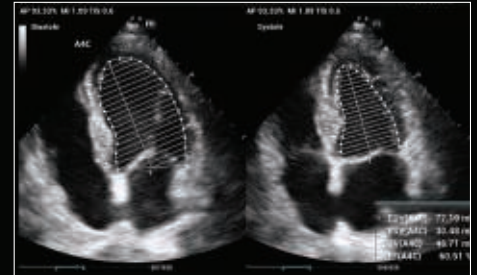
Smart B-line

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



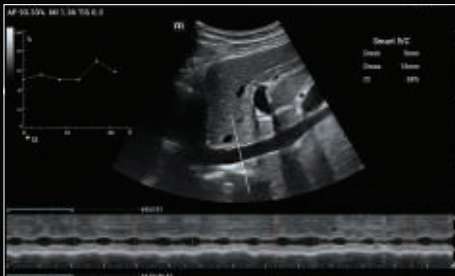
Smart VTI

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



Smart IVC

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



Smart FHR

Automated Fetal Heart Rate Calculation Utilizing B-mode Echo Data



Smart Bladder

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

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