Ensuring Better User Experience

By integrating technological aesthetics into ergonomic product design, the Resona A20 offers clinical experts high-definition image displays and a more convenient and efficient scanning experience for clinical diagnosis. Additionally, the power solution supporting battery scanning and an electronic motor expands the clinical application scenarios of ultrasound diagnosis.

27 inches HD Monitor

- HD Resolution
- Rich Grayscale Display
- Wide Viewing Angle

MAX Touch Screen

- HD Resolution
- High Sensitivity Touch Panel
- Wide Range Angle Adjustment

Touch Bar

- Quick Exam Mode Switch
- Multi Functional Display

Electrically Controlled Floating Panel

- Large Floating Range
- Flexible Positioning
- Simplicity Design

Cable Management

- Host Cover
- 5 Active Transducer Docking
- Anti-tangle design

Power Solution

- 1 hour Battery Scanning
- Electrical Walking Assistant

www.mindray.com

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hope within reach

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Resona A20

Premium Ultrasound System for Radiology

Reveal What Matters

AI Acoustic Intelligence Technology

Reveal What Matters

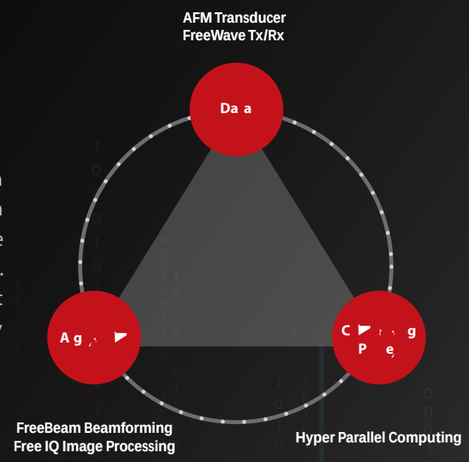
By revealing the unseen, we empower you to embark on a transformative journey of discovery and understanding, enabling a deeper comprehension of human body and the world around us.

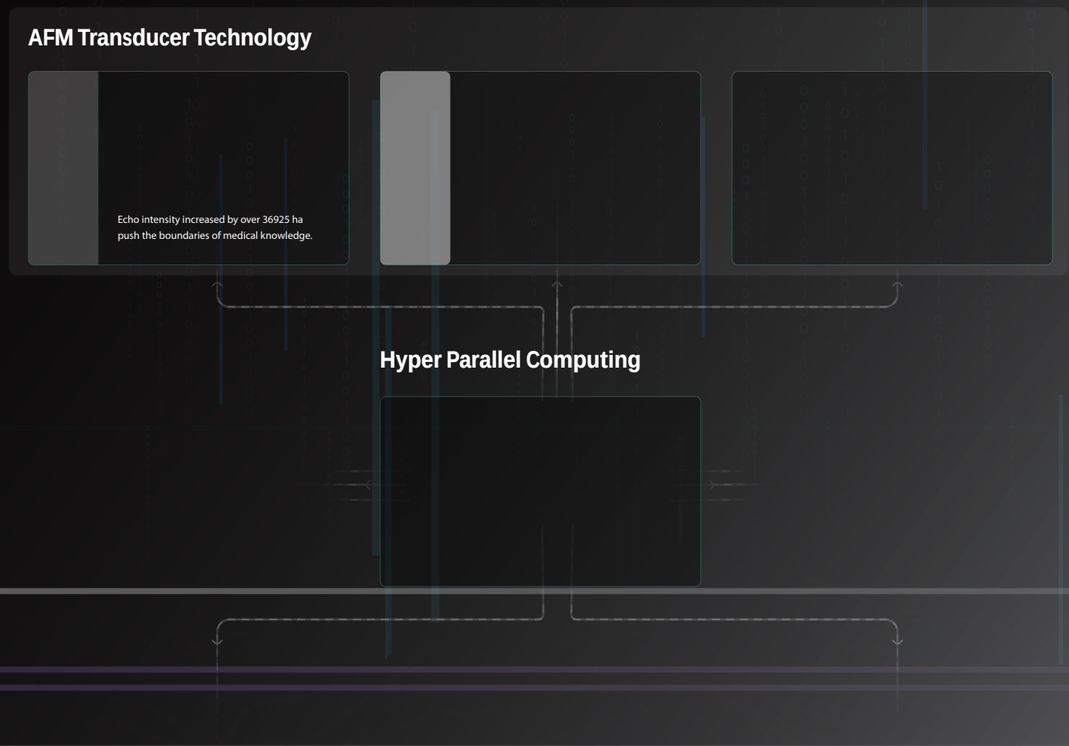
Driven by this mission, Mindray is about to release the premium ultrasound system - Resona A20. Powered by the Acoustic Intelligence Technology platform, it has pushed ultrasound imaging performance to a new level, helping clinical experts to achieve accurate diagnosis and academic exploration. Together, we can explore new horizons and push the boundaries of medical knowledge.

AIT Platform

Acoustic Intelligence Technology

The AIT Platform has achieved significant advancements in acoustic and electrical data, imaging algorithms, and system computing power. High-quality acoustic and electrical data are ensured by the AFM Transducer and FreeWave Tx/Rx Technology. Additionally, FreeBeam Beamforming and FreeIQ Intelligent Image Processing technology are dedicated to faithfully revealing tissue details.





Precise Imaging Diagnosis

Based on the AIT platform, Resona A20 provides clinicians with superior ultrasound imaging clarity for difficult clinical disease diagnosis. HD Scope+

AFM Transducers

Mindray's next-generation transducers incorporate advanced technologies to enhance energy conversion efficiency, provide ultra-wideband coverage, and improve acoustic focusing capabilities, ensuring precise clinical diagnoses.

HD Scope+

UMA

Super Resolution CEUS

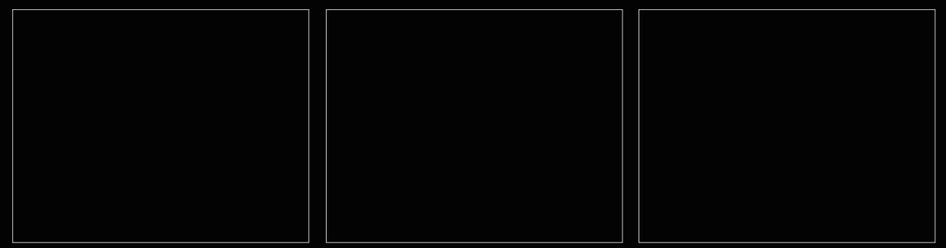
Powered by the AIT platform, the Resona A20 delivers an all-in-one integrated solution for super-resolution imaging, a capability previously difficult to achieve. SR CEUS reveals the intricate microcirculation details of lesions at the micron level, aiding in microcirculatory perfusion studies in oncology.

STVi

STVi enables the quantitative evaluation of tissue viscosity and provides real-time multi-parameter imaging, offering a more comprehensive approach to imaging diagnosis and quantitative analysis of chronic liver diseases, breast lesions, and other conditions.

Quantitative Vascular Analysis Tools

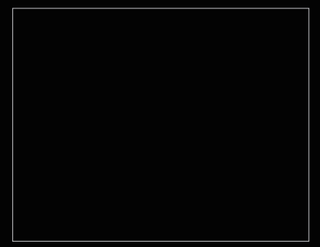
The Resona A20 introduces a new generation of vascular quantitative analysis tools, featuring RF-data-based vascular pulse wave velocity and wall shear stress analysis. These advancements aid in the assessment of arterial vascular sclerosis.



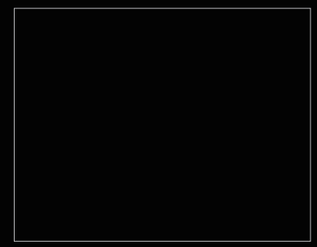
Hepatic Hemangioma
B Mode

Hemangioma
HD Scope+

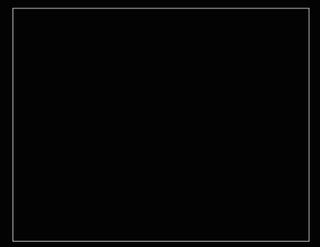
Liver Cancer
UMA



Thyroid Nodule
B Mode



Thyroid Nodule
HD Scope+



Thyroid Nodule
UMA

Breast Cancer
B Mode

Metastatic Lymph Node
UMA

Hair Follicles
B Mode

Carotid Duplex
CDFI

Ovarian Blood Flow
Power Doppler

Cardiac Regurgitation
CDFI