



Premium Capability. Easy Mobility.



M9

Premium Hand-Carried Ultrasound System

Premium Capability
Easy Mobility

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healthcare within reach

Best of Performance and Portability

Healthcare continues to mature and so does the needs of medical practitioners. Addressing the most critical issues faced within ultrasound scanning, the new M9 hand-carried ultrasound system by Mindray, is developed with a prime focus on difficult patients.

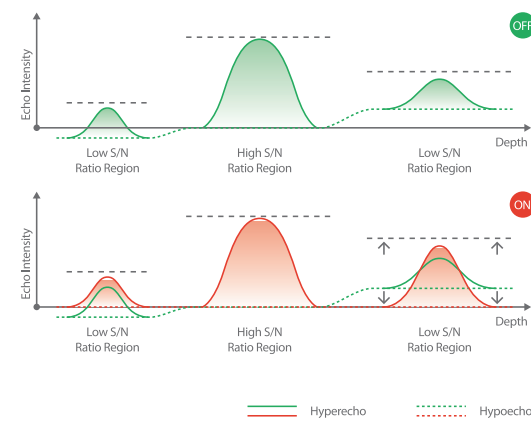
No longer you need to sacrifice performance for portability! Combining, advanced features only to be found in heavy cart based systems, into a compact portable system, M9 is the industry's most advanced premium level laptop style color Doppler offering easy handling and mobility.

Rich in technology such as the 3T transducer with single crystal, HDR Flow (High Dynamic Range Flow), UWN⁺ Contrast imaging (Ultra-Wideband Non-linear) and Natural Touch elastography, M9 offers an added advantage of being able to utilize all the features at bedside, proving to be the ideal shared-service solution suitable to be used within multiple clinical settings.



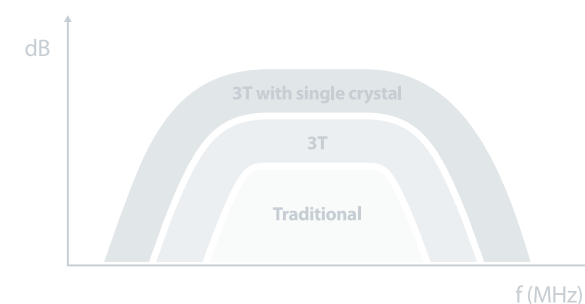
Technology at an all new level

With premium level capabilities, M9 has raised the industry standards to an all new level. Advanced signal transmission processors provide highly sensitive and accurate echo detection. Innovative transducer technologies allow for better penetration, higher resolution, greatly enhancing the diagnostic experience.



Echo Boost™

Unique signal processing technology with intelligent echo detection, Echo Boost is designed to utilize the native raw signals to enhance the weak echo signals while suppressing the surrounding clutter noise, providing you with a clearer chamber view enabling improved visualization of the myocardium tissue layers.



3T Transducer Technology™ with Single Crystal

Providing sharper images, all probes compatible with the M9 come equipped with Mindray's patented 3T transducer technology. Enhanced with the addition of a single crystal technology, M9 offers better penetration and color sensitivity, ideal during difficult-patient scanning.

Versatile with a unique focus

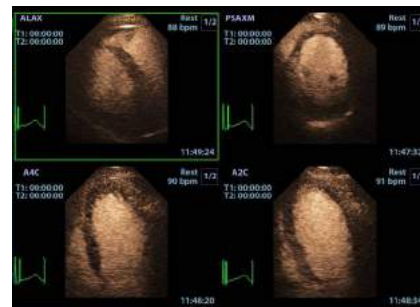
Extending its advanced premium capabilities to the most demanding applications, M9 is a versatile system equipped with advanced application specific features.

Cardiovascular

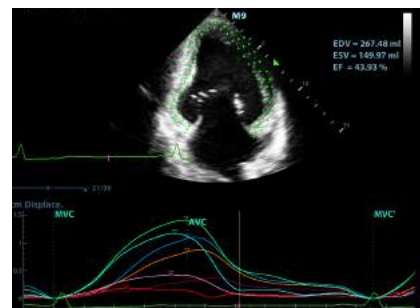
LVO with Stress Echocardiography

M9's premium capabilities allow LV opacification during stress, enhancing discrimination between myocardial tissue and blood pool, providing better visualization of the endocardial surface.

- Customizable user protocols
- Large capacity for retrospective and continuous clip capture
- Flexible Wall Motion Scoring
- Comprehensive reporting package



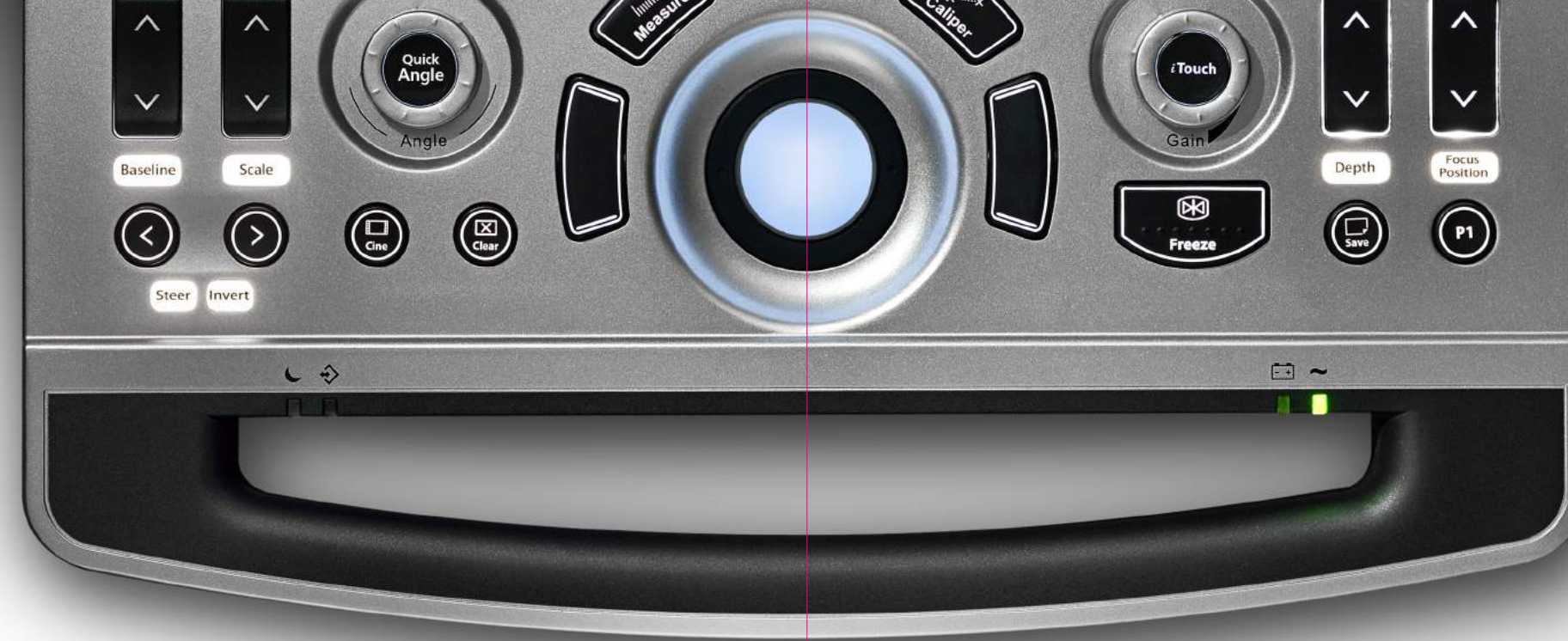
LVO with Stress Echo



TT-QA

Tissue Tracking with Quantitative Analysis

Supported by Mindray's patented 3T technology with single crystal, M9 significantly improves the tracking accuracy and effectiveness. With added unique benefit of on-site analyses, the TT QA can be performed at bed side, saving time and simplifying challenging outcomes.



Radiology

UWN⁺ Contrast Imaging (Ultra-Wideband Non-linear)

M9's biggest advantage lies in its ability to be able to support Mindray's patented technology to enhance contrast imaging capability. UWN⁺ contrast imaging enables M9 to detect and utilize both 2nd harmonic and non-linear fundamental signals, generating images with significant enhancements.

- More sensitive minor signal, reduced agent dosage
- Longer agent duration with lower MI requirement

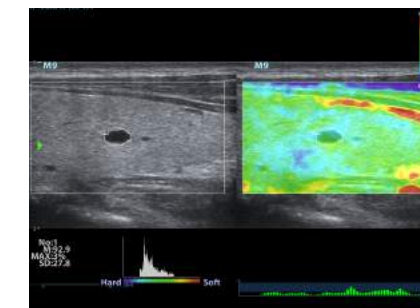


Contrast Imaging

Natural Touch Elastography

Based on Mindray's latest patented technology, natural touch elastography reduces dependence on user technique, improving operator reproducibility for higher clinical utility.

- Higher stiffness sensitivity
- Good stability and reproducibility



Elasto Histogram

Critical Care | Emergency | Anesthesia

Critical Care

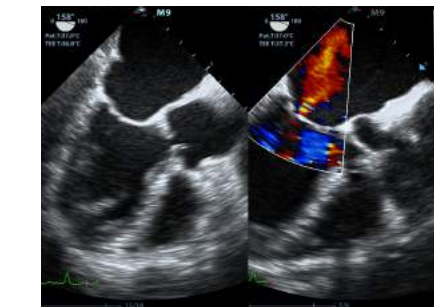
M9's premium, rapid and precise detection capabilities makes it an excellent choice for critical patient examinations in the ICU. TEE probe compatibility, and complete biopsy solution satisfy the most demanding requirements within Critical Care.

Emergency

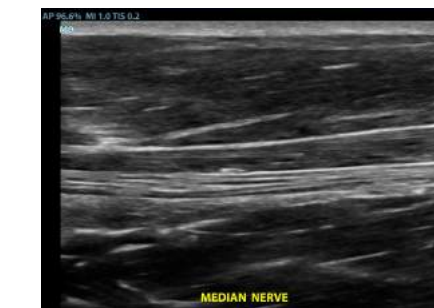
With premium performance, fast and accurate measurements, M9 can be well trusted and depended upon for immediate patient-care decisions. High portability, battery operated long continuous scanning, and special emergency package such as FAST, make M9 an ideal partner during unfavorable emergent situations.

Anesthesia

With its compact size and advanced features including, iZoom™, TEE probe, and dedicated nerve exam presets, M9 is an ideal system for nerve blocks and intraoperative monitoring. M9's intuitive workflow and easy operation also makes it suitable for experienced anesthesiologists.



TEE



Median Nerve

Easy Mobility

M9's highly mobile, slim and smart design permits easy transportation and storage. Be it cart or table mounted, M9 can be used limitlessly across multiple clinical settings.

Innovative Crafted Unit

- Thin Magnesium-alloy body
- 15" LED HD monitor with slim design
- Built-in battery providing 90min scanning time

Customized Special Design Trolley

- Inbuilt quick & easy locking system
- iPower: additional trolley attached battery for longer scanning

Green All The Way

- Quiet processor system
- Automatic brightness monitoring for additional power saving
- Reliable RoHS certified materials



Intelligent

Auto Measurements

Auto measurements providing intelligent workflow and improved uniformity (Auto LV, Auto IMT, Auto PW Trace)

iZoom™

One key for full screen view

Efficient

User-Defined operation

Customized user-defined keys for quick measurements

Multi-function key setup

One key multitask setup functionality for quick and easy system operation

iStation™

Efficient patient-data management system

Simple

iWorks

Standardized workflow, automatic mode switching and accurate annotation

Reduce exam time by up to 50%

Flexible and powerful with user-define capability

Q-SAVE

Convenient to save customized image presets and parameters

Direct

Med Touch

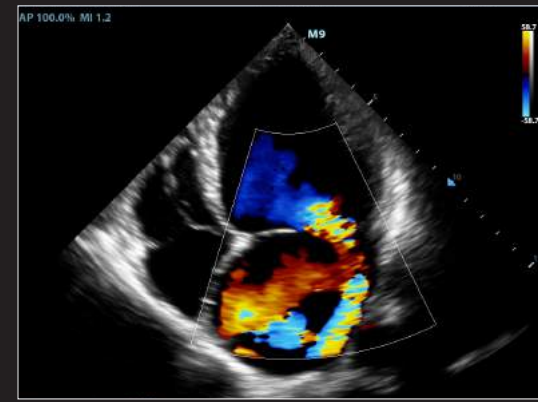
Remote system operation through Android smart device

Med Sight

Direct data transfer between M9 and Apple powered smart device

DICOM/HL7

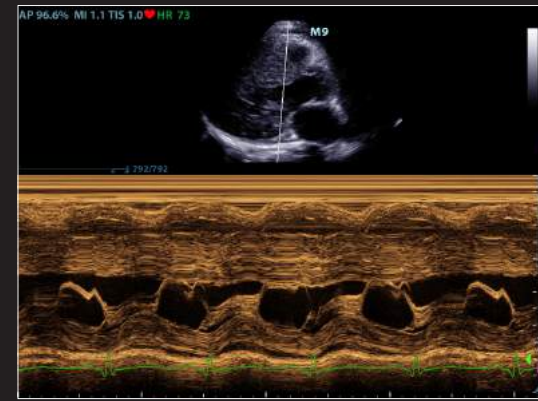
Full DICOM service and HL7



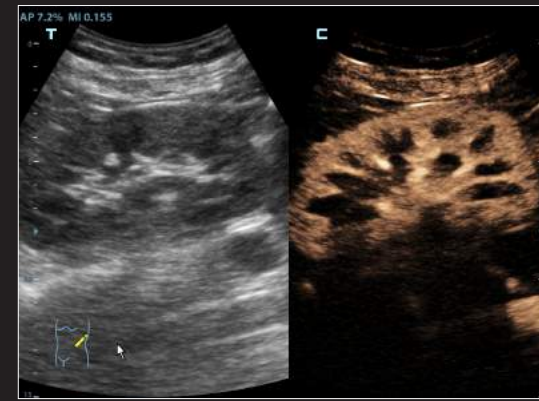
Four Chamber View of Regurgitation



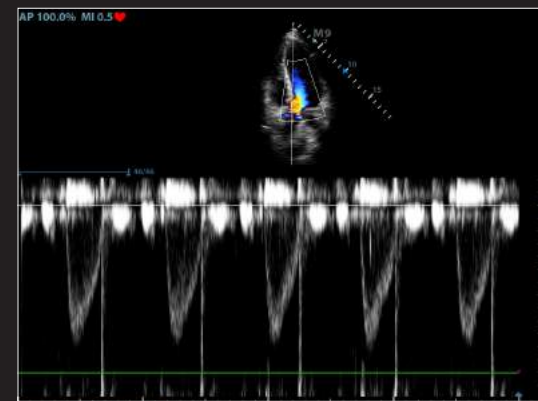
Hemangioma Liver



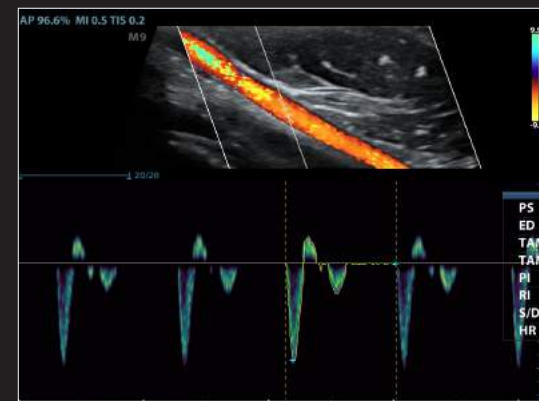
M Mode of Mitral Valve



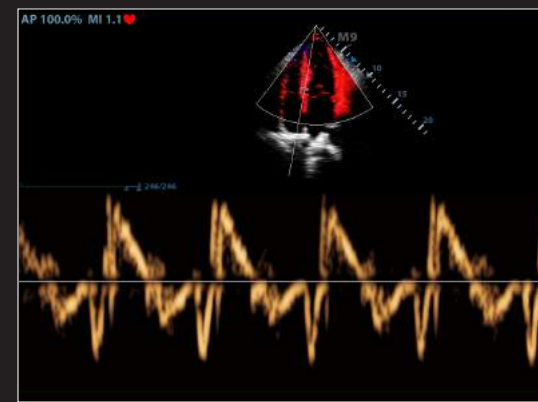
Kidney Contrast Imaging



PW for LVOT



Triphasic Flow Radial Artery



Tissue Doppler Imaging



Thyroid Cyst