

solutions within reach



# M9

## Ultrasound System

**mindray**

# M9 Ultrasound System

Powerful, mobile platform with advanced cardiac capabilities for your critical care environments

## Premium imaging enabled by a powerful platform

The M9 ultrasound system offers users a fully-featured platform with premium image quality. Advanced system processing and newly designed adaptive algorithms raise the M9 system to a new level of overall performance. Combined with single crystal transducers and 3T™ technology, this compact mobile ultrasound system delivers robust and reliable performance at bedside, in the office, or in the interventional suite. Highly focused features make the M9 system the ideal technological partner in advanced cardiac imaging, the vascular lab, emergency departments, critical care environments, and anesthesia practices. With its slim profile and advanced ergonomic design, the M9 system is a powerful, versatile, and mobile addition to ultrasound imaging.

## Key Features

- Advanced cardiac imaging Echo Boost™
- LVO with stress echocardiography
- Tissue tracking with quantitative analysis
- Automatic ejection fraction





*The M9 system is a versatile platform equipped with highly focused features for a wide range of dedicated applications*

15.6" high resolution LED monitor

Durable magnesium alloy case with spill resistant keyboard

Wi-Fi enabled

Built-in battery provides 90 min scanning time (over 3 hours with cart)

3 active transducer ports

Onboard storage

32-42" adjustable height

Compact system weighs only 12.8 lb (6 kg)



# mQuadro

The M9 system is powered by mQuadro, a new and innovative imaging architecture that incorporates powerful, high speed digital signal processing and intelligent software algorithms that take ultrasound imaging to new levels.

## mFast™

### Hardware Foundation

High speed, high capacity hardware components enable rapid processing of large amounts of acoustic data raising B-mode imaging, M-mode, and Doppler modalities to the next level of clinical performance.

## mWave™

### Front End Signal Processing

Exercising precise software control over both the transmitted acoustic beam and the received acoustic data set results in less clutter, improved signal-to-noise ratio, and significantly faster data acquisition times.

## mVue™

### Fundamental Image Processing

Patented, intelligent processes direct unique and innovative approaches to digital signal processing. These processes optimize image creation based on segmentation analysis and comparison to an anatomical database that minimize inherent artifacts, improving image quality.

## mSmart™

### Advanced Parallel Processing Technology

Next generation signal processing technology captures an enormous amount of acoustic data from each transmit operation and performs focused digital beam reconstruction that creates images of exceptional resolution and uniformity.

# Industry's Best Investment Protection and Cost of Ownership

## Living Technology

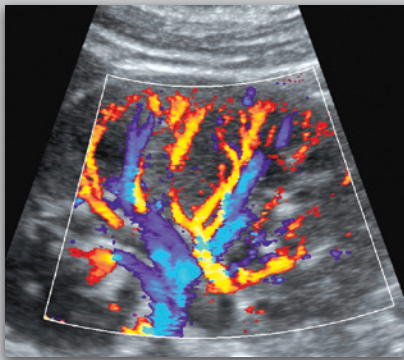
Living Technology is a constantly evolving software-based approach to providing our customers with easily upgradeable enhancements made possible by both of our core imaging technologies: ZONE Sonography and mQuadro. These upgrades secure product investment protection by ensuring that Mindray ultrasound systems remain at the cutting-edge of imaging performance excellence throughout their entire life cycle.

## The M9's standard five (5) year warranty\* includes:

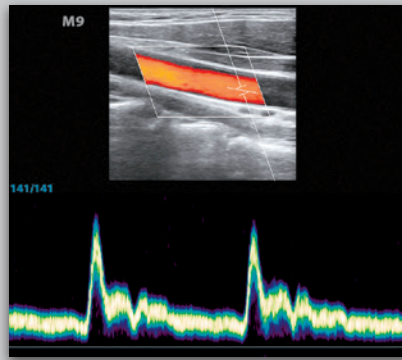
- Replacement parts and standard transducers (normal wear and failure)
- Loaner provided during factory repair
- Ongoing state-of-the-art ultrasound performance with software updates\*\*

\* Standard five (5) year warranty is available for systems and standard one (1) year warranty is available on all accessories (cart) when purchased directly from Mindray North America. Warranties for systems purchased from Mindray authorized agents can vary.

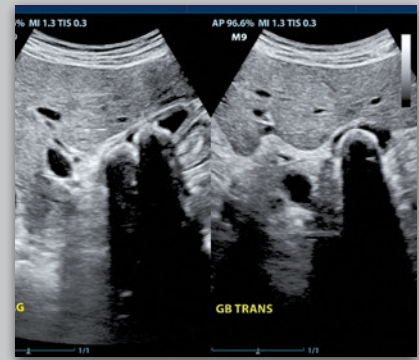
\*\* Upgrades, such as new application packages and hardware, are optional purchases.



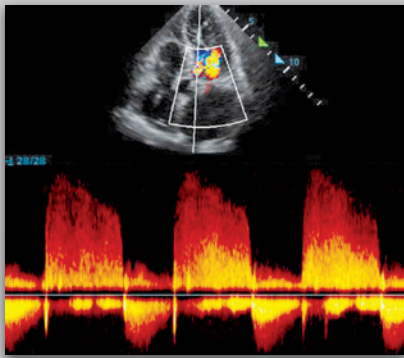
Renal perfusion



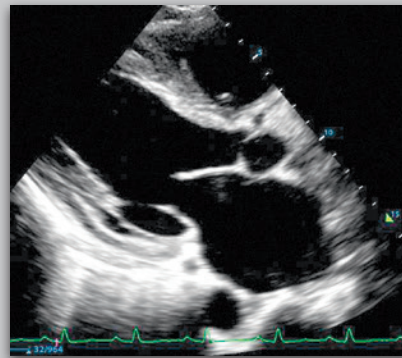
Carotid artery



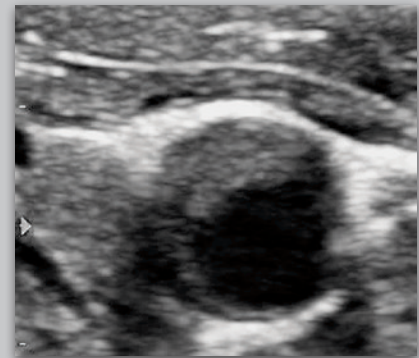
Gallbladder stones



Aortic regurgitation



Mitral valve



Jugular vein thrombosis

## Mindray North America Innovation Center

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