

# M8Vet

Premium Veterinary Hand-Carried Diagnostic Ultrasound System

## More Accessible to Premium Capability



# More Accessible to Premium Performance

To address the complicated and urgent clinical scenarios during daily practice of the veterinaries, the need for more access to premium performance and professional applications with mobile ultrasound device is growing.

Based on mQuadro platform, the proven premium compact ultrasound architecture, the new M8 hand-carried ultrasound system from Mindray, is developed with the more affordable and accessible to premium capability for a prime focus on quick and precise diagnosis. The M8 is a versatile system can be applicable on broad usability.

## The M8Vet is focusing on challenges with:



### Premium Capability

Excellent imaging based on mQuadro platform, 3T Technology and ComboWave Transducers



### Professional Application

Rich in advanced features such as UWN\* Contrast Imaging, Natural Touch elastography and TDI, etc.



### Innovative Design

Robust Magnesium-alloy Body

Mindray

# Premium Capability

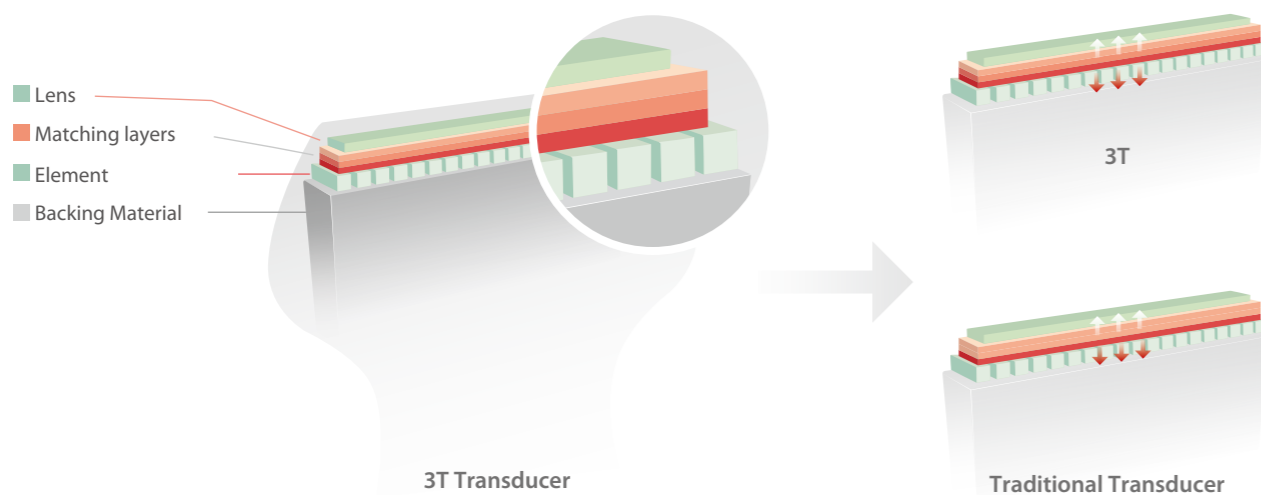
## mQuadro Platform

Mindray's compact ultrasound platform consists of industry leading hardware architecture, advanced transmission and reception, powerful parallel processing, and intelligent algorithm, making M8 capable of delivering powerful imaging coupled with advanced functionalities.

## 3T Transducer Technology

Mindray's unique transducer technology to increase acoustic bandwidth and transmission efficiency:

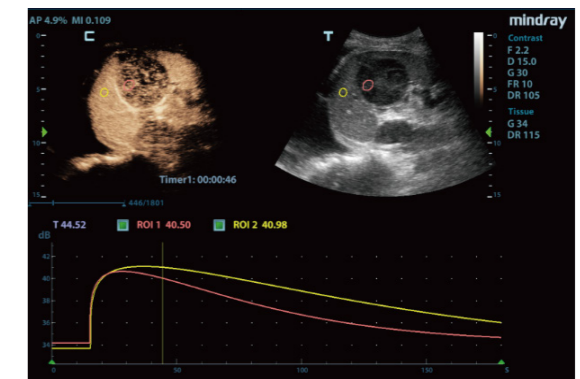
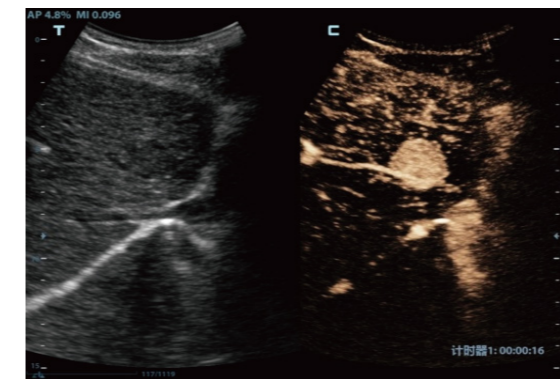
- Triple-matching layer design
- Total-cut design
- Thermal-control design



# Professional Applications

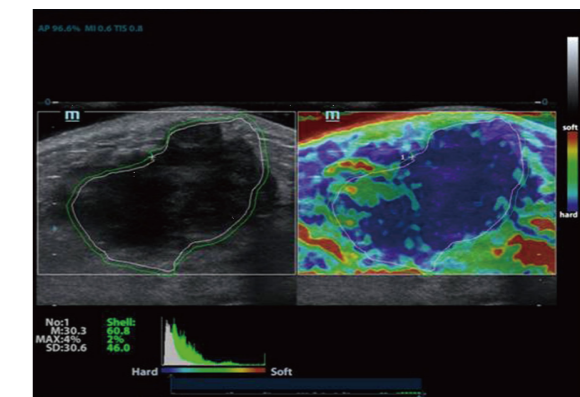
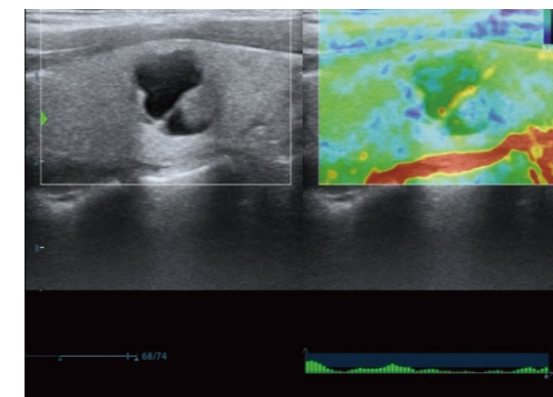
## UWN<sup>+</sup> Contrast Imaging

- Comprehensive CEUS solutions for ABD, SMP and VAS
- Combine both 2nd harmonic and non-linear fundamental signal for better CTR
- Support CEUS with quantitative analysis



## Natural Touch Elastography

- Stiffness sensitive: High sensitive to breathing and heart beating
- Stable, good reproducibility and less user dependent
- Unique Shell measurement and analysis tool





## Innovative Design

### Robust Magnesium-alloy Body

- 15.6" L g 90min scanning time
- High capacity SSD hard drive
- Inbuilt quick & easy locking system
- Over 3.5 hours scanning with trolley-mounted battery
- Extended 3 transducer connectors



## TDI and TDI QA

- Available on phased array transducers
- Support comprehensive Tissue Doppler Imaging modes (Tissue Velocity Imaging, Tissue Velocity Motion, Tissue Velocity Doppler and Tissue Energy Imaging)
- Support TDI quantitative analysis tool (Dedicated quantification tool for TDI velocity, strain, strain rate)

