With over 20 years of experience, Mindray hosts a wide range of ultrasound imaging solutions including cart-based and portable systems. Being exported to over 190 countries, Mindray ultrasound systems are today being used by medical professionals for general as well as highly dedicated clinical utility. With a global R&D base spanning over Asia, Europe and America, the ultrasound solutions by Mindray are a result of an integral cooperation with the medical community, allowing for the ultrasound systems to be extremely user centric in terms of performance and usability. Mindray is well positioned to become one of the leading ultrasound imaging solutions provider.

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sonoportal

mindray

M6

Hand-Carried Ultrasound System

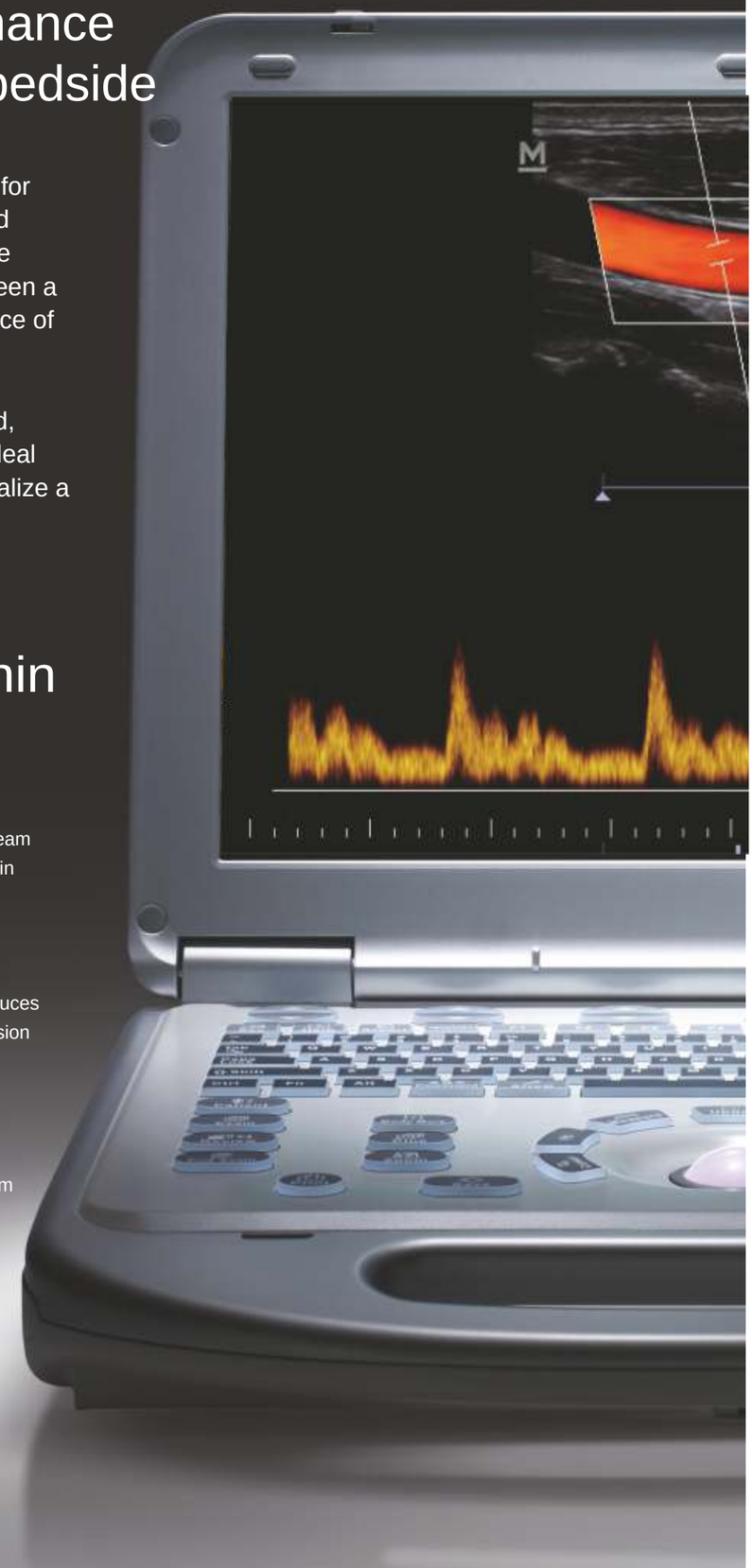
Accuracy | Versatility | Mobility

mindray
healthcare within reach

Bring high performance ultrasound to the bedside

It has been a long, challenging path for clinicians to bring high-level standard diagnosis to the bedside for intensive patient care. Up to now, there has been a limited choice of size and performance of traditional ultrasound systems.

With health care within reach in mind, Mindray released the new M6, the ideal balanced of capability and size to realize a condent diagnosis at the bedside.



Technologies within reach

Multi-beam Formation

Multi-beam Formation allows for up to 8 times beam receiving from each transmitted beam, resulting in excellent time resolution.

iClear

iClear speckle-reduction imaging technology reduces the image speckle noise and acquires clearer lesion contours.

iBeam

iBeam spatial-compounding imaging technology permits use of multiple transmitting angles to form a single image, resulting in enhanced contrast resolution.

Comprehensive solutions with professional focus

3C5s

C11-3s

7L4s

L14-6Ns

2P2s

4CD4s

V10-4s

6LB7s

Wide range transducer family

- High frequency linear transducer L14-6Ns for supercial organs
- Micro convex transducer C11-3s for neonatal cephalic, vascular, pediatric, abdomen and cardiology
- 4D volume transducer 4CD4s
- Straight handle transvaginal transducer V10-4s and curved handle transducer V10-4Bs
- Bi-planar array transducer 6LB7s for prostate
- Stainless steel needle-guided brackets for transvaginal transducers

General Imaging

- Professional clinical measurement packages cover complete clinical applications
- Specic report templates with anatomical graphics for clinical applications
- iStation™: on board workstation for patient information management and connectivity
- Robust alloy case with anti-shock and anti-splash design allows diagnostic exams even in harsh environments

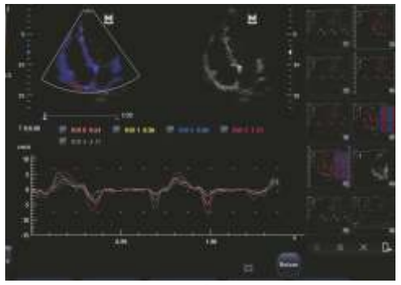
Point of Care

- Dedicated POC packages: Nerve Package and Emergency & Critical Package with emergency medicine study report
- Focused assessment with sonography in trauma(FAST)
- Large capacity batteries with continuous scanning of more than 1.5 hours
- Fast response, booting up in seconds

iNeedle™

Cardiology

- Free Xros M(Anatomic M mode): multi-region analysis of up to 3 sample lines simultaneously
- Free Xros CM (Curved Anatomic M mode): evaluating myocardial motion and synchronization applied to TDI, by randomly sampling at dierent segments of myocardium
- Tissue Doppler Imaging with Quantitative Analysis: providing speed parameter in TDI QA
- Stress Echo with customizable user protocols



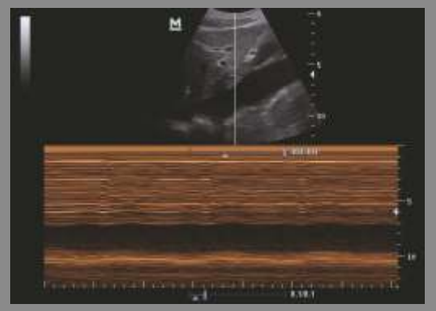
TDI QA

Obstetrics & Gynecology

- Smart OB: accurate auto measurements of most frequently examined parameters on a single click, including BPD/HC/FL/AC/OFD
- Z-score: professional analysis tool for evaluate fetal heart function
- Complete OB measurement package, including vairous fetal weight assessment formula and fetal growth curve
- Up to 180° eld of view for transvaginal imaging

3D fetal face

Kidney Perfusion



IVC

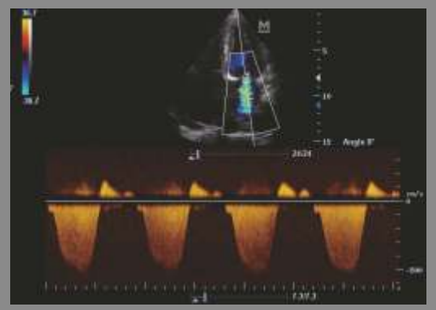
Brachial Plexus

Hepatic Vein

Lipoma

Uterus

LV Long Axis



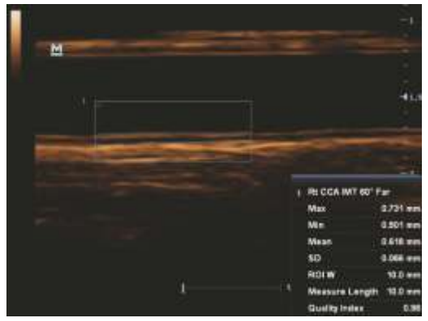
Mitral Regurgitation

Intelligent workow

Auto Measurement

The M6 provides intelligent automatic measurement tools, reducing keystrokes, operator dependency, and exam time for improved workow.

- Auto IMT: automatically detect and calculate the thickness of carotid intima-media
- Auto LV: semi automatically trace the left ventricular wall to calculate LV function
- Auto PW trace & calculation: automatically calculates PI, RI, TAMAX, TAMEAN, Volume Flow, etc.
- Smart Tracking: continuously track the color ow and optimize the best color box position in real time
- Smart Doppler: automatic optimize color box and Doppler gate placement to ensure optimal color and spectral Doppler signal



Auto IMT

Smart OB

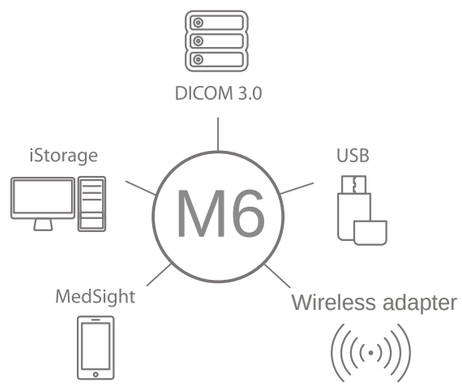
iTouch (One key image optimization)

iTouch automatically adjusts images in B, Color and PW modes.

- B mode : automatically adjust gain and TCG
- Color mode: automatically adjust best image parameters including color gain
- PW mode: detect optimal alignment of PW scale and PRF

Connectivity

- DICOM : complete DICOM solution
- iStorage: transfer images and reports to PC directly
- MedSight: mobile device app for image transferring



Ergonomic design

M6‘s light weight and laptop design permit easy transportation and storage. Equipped with slim cart, the M6 is exible and ideal for bedside examination.