

BeneHeart D60

Defibrillator / Monitor

Expand Rescue Potential



reddot winner 2023





Smart Touch, More Intuitive

Capacitive Full Touch

With advanced high-definition capacitive touch screen technology and flat UI design, D60 offers optimal experience of clearer display and smoother operation, enabling efficiency at your fingertips.



Optimal visibility

- First 9" display with 1200 x 1020 resolution
- Auto-brightness

Confident operation

- Gesture-control touchscreen
- Keep physical knob and buttons for key operations

Wide adaptability

- With the intelligent sensing, you can operate D60 normally, even if
- the screen is wet
 - wearing up to 5 layers of gloves



Ultra-light

Only 4.2kg (with battery), over 25% reduction*



All in one

Manual defib / AED / pacing
ECG / SPO₂ / NIBP / CO₂ / IBP / TEMP



Magnetic connector

Automatically attracted to connect, no precise alignment is required



Versatile paddles

External paddles with contact indicator improve usability for clinicians



Status indicator

Clear status at a glance with comprehensive auto-test

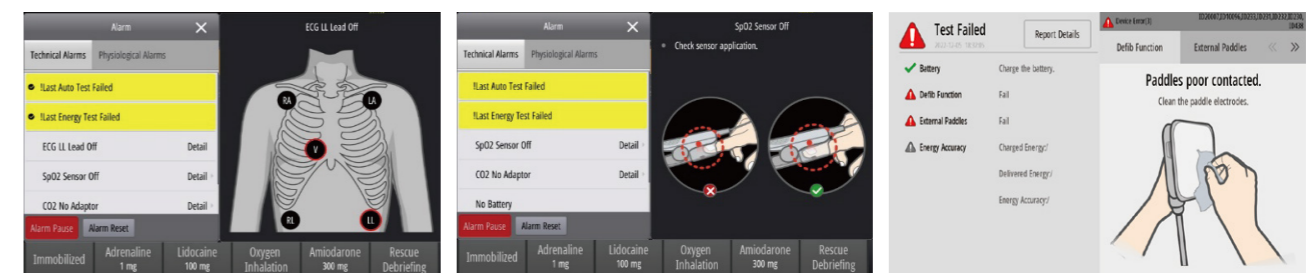


6-channel printer

Paper width 110 mm for up to 6 curves

Visual AlarmSight

D60 provides a series of problem-solving support with graphical visualization, not only alerting you to the problems, but also suggesting solutions to help resolve them.

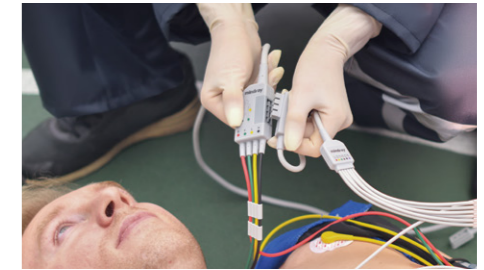


* D60 Elite version



Professional 12-lead ECG Analysis

- Special 12-lead ECG accessories: integrated 4 limb leads + removable 6 chest leads, more flexible for both monitoring and resting analysis.
- Serial comparison of two ECG reports on one screen allows to easily observe abnormal changes
- Critical value & MI location help to quickly judge the risk and situation of patients with chest pain
- Comparing two ECG reports on one screen allows to easily observe abnormal changes

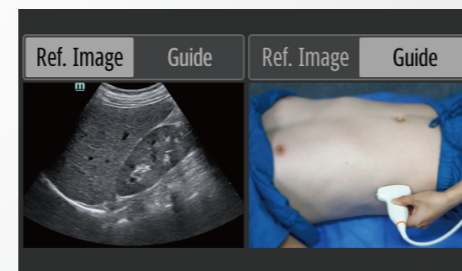


One Device with Multi-talent

In the face of unpredictable rescue, you often hope to provide more on-site diagnosis and analysis for patients to give treatments as soon as possible, but various devices make your rescue journey unbearable. This is why we have given D60 more diagnosis and analysis technologies. It is not only a defibrillator/monitor, but also a 12-lead ECG machine, a point-of-care ultrasound, an infrared ear thermometer, and a set of scoring and early warning tools.

Point-of-care Ultrasound (POCUS)

- Step-by-step trauma identification (FAST/eFAST)
- Reference images help quickly detect abnormalities by scanning comparison
- Operation guides show how to properly place the probe

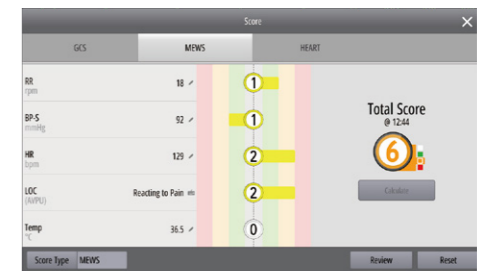


- High-quality images with excellent resolution for accurate decision-making
- Support heart, lung, abdominal examination, no need to carry extra probes

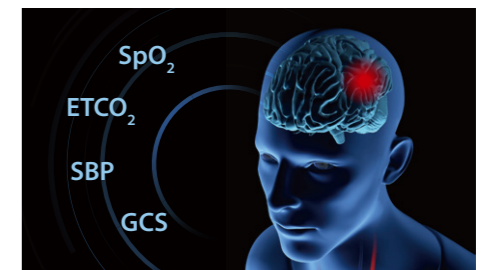


Scoring & Early Warning Tools

- Support GCS/EWS/HEART scoring
- Help to rapidly obtain the severity of the patient and detect the risk of deterioration in time



- TBI (Traumatic Brain Injury) warning combined with GCS and vital signs (SpO₂ \ETCO₂ \SBP) monitoring
- Effective management and timely treatment of TBI patients to ensure better prognosis

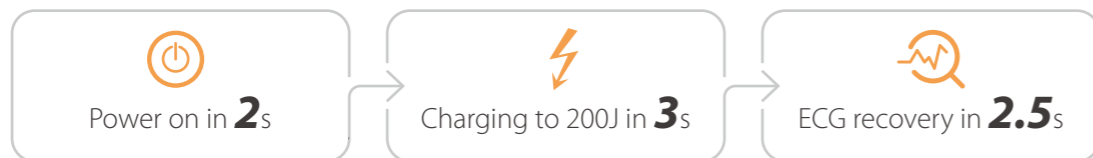


Rescue Triangle, More Comprehensive

High-quality rescue requires the resuscitation team to maintain the high quality and effectiveness of cardiopulmonary resuscitation during the rescue process. It also relies on timely, regular review and analysis of the rescue data and rescue quality that helps identify the routine training and assessment. Only by combining and advancing the three-in-one solution can the quality of rescue and the survival rate of SCA patients be improved.

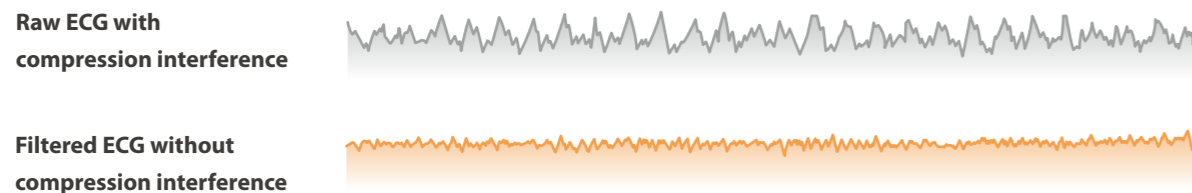
QShock® -Faster Time to Shock

In line with the BeneHeart series, D60 is also equipped with new QShock® technology, taking less than 5s from power on to shock.



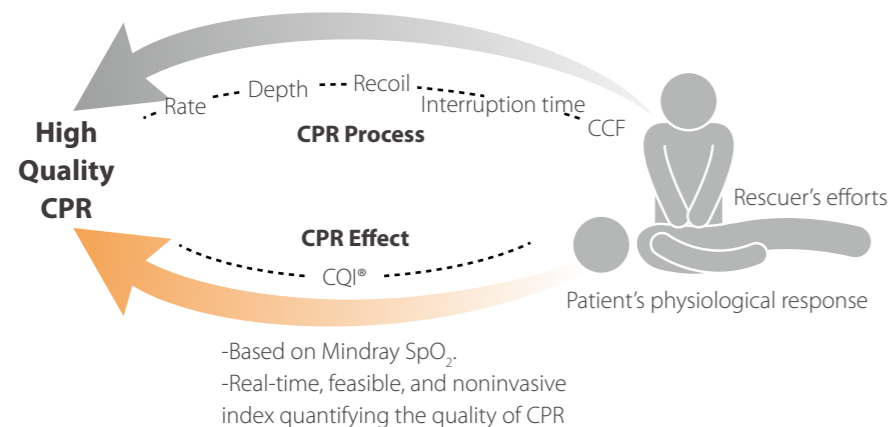
Shorter Interruption

Mindray has developed state-of-the-art technologies that can filter out the compression interference for both ALS and BLS, to effectively reduce pauses in recognizing heart rhythm*.



CPR Feedback of both Process & Effect

With the CPR process feedback monitoring the real-time performance of rescuers, and the effect evaluation reflecting patients' responses to the rescue, D60 provides a comprehensive assessment of CPR quality to obtain a satisfactory resuscitation result.



**More Complete
Process Evaluation Tech
+
Groundbreaking
Effect Evaluation Tech**

-Based on Mindray SpO₂.
-Real-time, feasible, and noninvasive index quantifying the quality of CPR

* Only available when you perform CPR using defib pads or the CPR sensor.



Structured Debriefing

D60's structured debriefing protocols improve the performance of resuscitation teams in subsequent resuscitation events.

- The key data of each rescue is automatically uploaded to the debriefing system.
- CPR quality and defibrillation data included
- Not only post-event analysis, but also periodic review



Hands-on Training

- Training mode in D60 help you get real operation experience.
- Both single and multi-person mode are available.
- Support CPR and defib operation training





Redefine Toughness with Innovation

Lightweight, compact and sturdy, this is Mindray's new generation of high-end defibrillator /monitor D60. Powered by innovative technologies, D60 is designed to withstand demanding environmental conditions, fighting side by side with you anywhere, anytime.

Meets all standards for helicopter and other transport



Operate in temperatures ranging from -20°C up to +55°C, fearless of any extreme challenge



- IP55 water-/dust-proof
- More durability when using common cleaners and disinfectants (up to 49 kinds)



Touch screen protected by the latest version of Corning®'s tough glass, thinner but stronger



1.5m drop protection without carrycase, 3m with carrycase



Bend-resistant defib cable, withstanding hundreds of thousands of bending tests



Thick, ultra-durable carrycase, made of special ballistic nylon fabric which often used in flak jackets

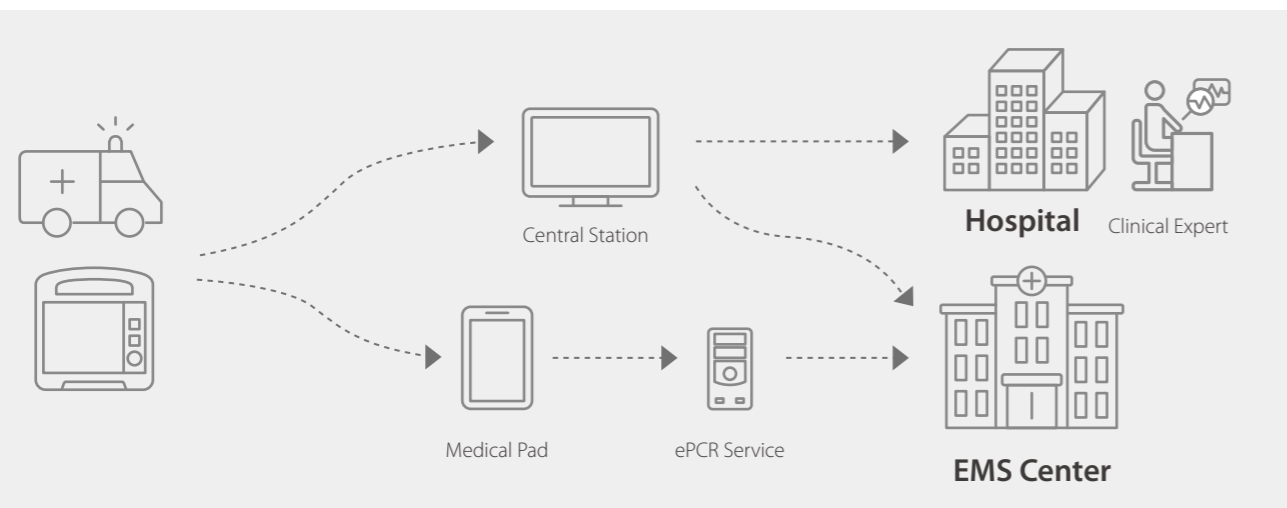


Keep Connected with Greater Efficiency

A defibrillator contains rich data resources, not only the patient data that medical staff are concerned about, but also device status that managers need to know. In the past, due to the lack of systematic solutions, it was difficult to effectively and comprehensively manage such information, and the defibrillator became a "data silo". M-Connect™ IT solutions are designed to help you solve this problem.

Pre-hospital IT Solution

M-Connect™ IT solution for pre-hospital scenario enables the data transmission between remote vehicle and in-hospital department in real time, helping medical staff to diagnosis and prepare in advance.



Flexible data transfer

D60 can not only send patient data to the CMS service remotely via 4G, but also connect the medical pad via Wi-Fi or Bluetooth to send the data to the ePCR system.



Pre-arrival Clinical Data

Pre-arrival patient data such as real-time vital signs, 12-lead report, and ultrasound report can be sent to the target hospital when patient is in transport.



In-hospital IT Solution

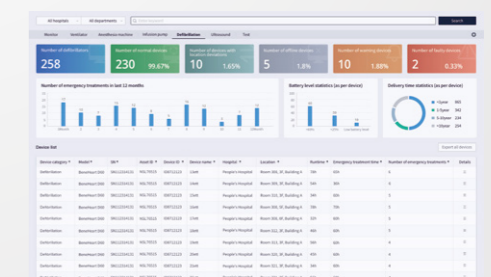
M-Connect™ IT solution integrates the patient data from D60 to avoid manual recording errors and allows flexible viewing of patient data on mobile devices anytime, anywhere. Its simple yet robust network connection is compatible with standard information infrastructure in most hospitals.



M-IoT Device Manager

M-IoT Device Manager obtains comprehensive device data to help biomedical engineers ensure the safety and effectiveness of all equipment at all times.

- Real-time failure monitoring and guidance for timely maintenance, reducing equipment downtime
- Battery status monitoring to ensure patient safety by limiting interruptions
- IP/MAC address for network access control to ensure cybersecurity



The specification may vary depending on the installation environment and usage conditions of the main unit, for details please refer to the manual.