

BeneHeart D6

Defibrillator / Monitor

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BeneHeart D6

Defibrillator / Monitor

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healthcare within reach

Více informací => www.lhlsro.cz/defibrilator-mindray-beneheart-d6.php

Advanced design suitable for all clinical environments



¹ "... 14 events since 2006 in which a 200 J biphasic defibrillator was ineffective... whereas a subsequent shock from a different 360 J biphasic defibrillator resulted in immediate defibrillation/cardioversion..."

"External Biphasic Defibrillators Energy Levels: Initial Communication" November 5, 2009

FDA website:
<http://www.fda.gov/MedicalDevices/Safety/AlertsandNotices/ucm189259.htm>

BeneHeart D6, a high-end professional biphasic defibrillator/monitor, meets different level requirements of medical professionals worldwide. The compact, durable, and ergonomic design of D6 integrates manual defibrillation, monitoring, pacing and AED functions. Its monitoring functions include 3/5/12 leads ECG, SpO₂, NIBP, Resp, 2-Temp, 2-IBP and EtCO₂.

The advanced monitoring function of BeneHeart D6 enables doctors to promptly acquire patient information and improve diagnosis efficiency during rescue and resuscitation. D6 ensures safe and convenient transportation by providing complete vital signs monitoring and standby AED/manual defibrillation in emergency circumstances.

With the energy level up to 360J, D6 gives the user an additional chance to save the life in case 200J is not effective.¹



Pre-hospital

With the functions of defibrillation, pacing, and monitoring combined all together, and easily fixed on a mounting plate, D6 makes the best use of the inner space of an ambulance.

D6 complies with the IP44 dust and water proof standard, which allows it to work in a variety of complex outdoor environments. The carrying case with cover shield protects D6 from collision, whereas the expansion bags associated can be used to store extra accessories (e.g. IBP, EtCO₂).

With the 12V DC power solution, D6 can be conveniently charged inside the vehicle. While the optional secondary battery doubles its running time, the external charger carried in the vehicle can be used to charge any additional backup batteries.

The recorder of BeneHeart D6 prints out 12 lead ECG waveforms for on-site diagnostics. Such ECG data can also be sent through the mobile internet to the hospital to allow remote diagnosis and early preparation of necessary treatments.



In-hospital

Robust bedrail hook on the back of BeneHeart D6 allows it to be transported with patients in the hospital. The wide range energy levels (1 to 360J) and different size paddles can be used to rescue any patient from neonate to adult.

Multifunctional pads for both defibrillation and non-invasive pacing allow doctors to perform different treatments on critical patients without replacing accessories.

Více informací => www.lhlsro.cz/defibrilator-mindray-beneheart-d6.php

4-in-1 design and powerful function for full spectrum applications

With a 4-in-1 integrated design (manual defibrillation, AED, pacing, and monitoring modes), BeneHeart D6 puts any unexpected circumstances under your control.

Multi-parameter Monitoring



BeneHeart D6 offers comprehensive monitoring functions designed to give clinicians the information they need. In addition to ECG, respiration and arrhythmia analysis, clinicians can choose 12-lead ECG with full reports, Masimo, Nellcor or Mindray SpO₂, 2-Temp, NIBP, 2-IBP and EtCO₂.

Defibrillation



Manual Defibrillation: Asynchronous defibrillation mode for cardioversion of ventricular fibrillation. Synchronized defibrillation mode for cardioversion of atrial fibrillation. The wide energy range up to 360J dramatically increases the chance of rescuing a variety of patients. Paddle/pad contact indicator provides user with impedance information before each shock.



AED



In AED mode, D6 automatically analyzes the rhythm and determines whether a shock is advised. Voice and text prompts guide the user through the process. Voice recording (180 minutes) is also available for case review.

Non-invasive Pacing



BeneHeart D6 offers demand mode and fixed mode pacing with adjustable rates and output. The 4:1 key enables clinicians to quickly select 1/4 of the pacer rate for observation of the underlying rhythm.



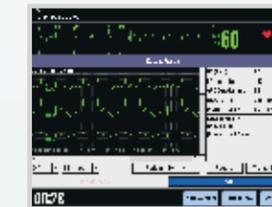
Monitoring

The high resolution large display continuously reveals vital signs and corresponding waveforms. The 12 second on-screen ECG waveform display dramatically increases the chance of detecting abnormal signals.



120 Seconds Review

The function to freeze and review the latest 120 seconds of ECG waveforms enables clinicians to easily identify arrhythmias.



12 Lead ECG

The world's leading Glasgow algorithm offers the best possible 12-lead ECG interpretation and helps caregivers make the correct diagnosis. The highlighted Critical Values point to abnormalities requiring immediate review, while variables such as age and gender are integrated to improve the accuracy of STEMI diagnoses. The ECG along with patient data can be transferred wirelessly from the device to the hospital for urgent assessment of the provisional diagnosis and early preparation of treatment.



High Contrast Display

High Contrast Display ensures that critical information can be seen under extreme illumination conditions (e.g. sunlight).



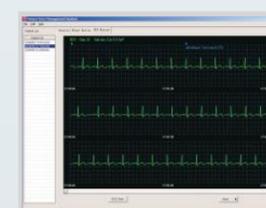
EtCO₂

Options of Sidestream and Microstream EtCO₂ are suitable for a wide range of patients from neonates to adults.



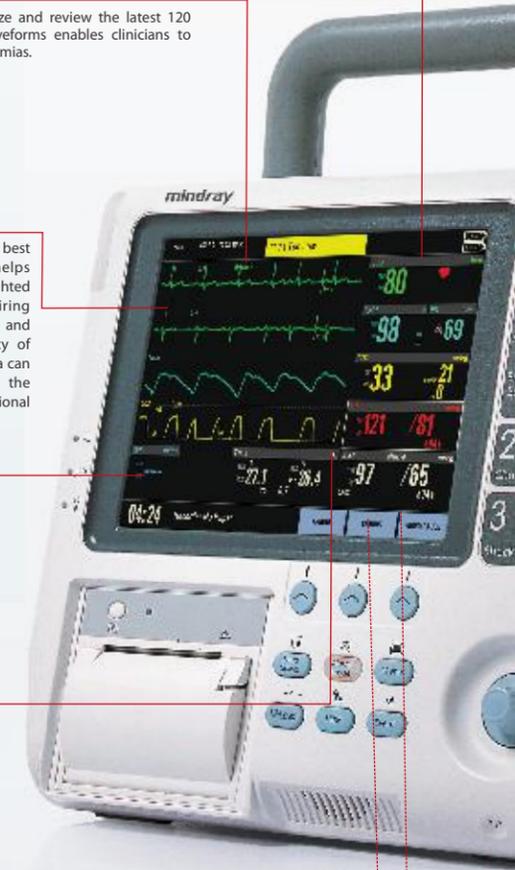
Data Storage

With BeneHeart's powerful data storage for up to 100 patient profiles, including 1,000 events per patient and 24 hours of ECG waveforms, clinicians have access to information for case analysis, statistics and research.



Data Management Software

Data Management Software allows doctors to review patient data, ECG waveforms and events on a PC. Data can be edited and printed as required.



User-friendly design improves resuscitation efficiency

- 1-2-3 steps to defibrillation; color-coded buttons and highly visible patient data simplify manual defibrillation.
- Large, highly visible alarm light warns caregivers a change in the patient's condition.
- Functions are accessed simply and quickly using the rotary control and quick action keys.
- Lead selection button gives quick access to the optimal ECG waveform.
- Multiple power supply options allow the BeneHeart D6 to be used in a variety of locations.
- The "12 lead" hard key provides users a shortcut to the 12 lead ECG functions.



Paddles



The external paddles can be quickly switched to pediatric paddles.

Pads



Adult and pediatric defibrillator pads are available to meet the needs of a variety of departments.

Energy Selection On Paddle



The operating buttons with energy selection on the paddles make shock delivery quick and convenient.

Wireless Transmission Module



The GSM or 3G technology enables the transmission of vital signs data wirelessly from ambulance to hospital.

Battery Charger



Optional charger keeps two spare batteries in charge and ready to use.

Bedrail Hook



The robust bedrail hook allows BeneHeart D6 to be transported with the patients.

Docking Station



Docking station with built-in power supply simplifies the anchoring and locking process of the defibrillator.

Carrying Case



The luxury carrying case adds protection to the BeneHeart D6 and eases the transport of accessories.

Expansion Pouches



Additional accessories that enable IBP, EtCO₂ measurements can be organized with the top/back expansion pouches.