



BeneHeart Platinum D3 & D6

Defibrillators

Rapid, reliable defibrillation with intelligent monitoring

Perform faster and more effective CPR with Mindray's BeneHeart Platinum D3 and D6 defibrillators. Identify cardiac arrests more quickly with built-in monitoring then maximise the chance of successful resuscitation with rapid shock times and escalating energy up to 360 joules.



One product, multiple solutions

This durable and compact device offers four different modes including manual defibrillation with synchronised cardioversion, AED, pacing and monitoring. The multi-functional design not only maximises equipment investment but also provides clinicians with the necessary flexibility to effectively manage all cardiac emergencies.

Manual defibrillation

In manual mode, the D3 and D6 defibrillators allow you to perform both manual defibrillation and synchronised cardioversion up to 360 joules. With the synchronised cardioversion function selected, the device will allow you to synchronise delivery of the defibrillator shock with the R-wave of the ECG.

AED pacing

In AED mode, the D3 and D6 automatically analyses the rhythm and indicates whether a shock is required. Voice and text prompts guide the user through the rescue process while the voice recording function assists with case review.

Monitoring

According to UK guidelines, many cardiac arrests can be prevented when the patient is continuously monitored¹. The D3 and D6 offer a range of peri and post arrest monitoring to help identify and respond to cardiac arrests early. Monitoring options can include 3/5/12-lead ECG, impedance respiration, SpO₂, NIBP, IBP, temperature and capnography (etCO₂)^{*}.

Non-invasive pacing

The BeneHeart D3 and 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.

Supporting a successful rescue

To increase defibrillation success, the BeneHeart D3 and D6 defibrillators enable you to deliver a fast shock at higher energy levels.

Rapid shock times

The Resuscitation Council UK recommends that a shock be given as early as possible in a resuscitation attempt¹. With five-seconds to shock, the Mindray D3 and D6 devices make every second count.

Energy escalation

Featuring biphasic technology with automatic impedance compensation, the BeneHeart D3 and D6 can escalate energy up to 360 joules, the maximum recommended amount, to help increase the chance of a successful resuscitation. Current UK and EU guidelines recommend escalating shock energy after a failed shock and for patients where refrillation occurs¹.

Power-on in 2 seconds

Our unique low-power dissipation sleep technology helps accelerate the boot-up time supporting a timely and successful rescue.

Charge to shock in 3 seconds

Our improved battery performance and energy control system delivers charge to 200 joules and shock in only three seconds.

Simple to use

Speed up response times even further with easy-to-use controls and intuitive features.

Intuitive operation

Designed for speed, the defibrillators are simple to operate and feature a large mode dial, intuitive soft keys and a navigation knob allowing clinicians to access functions fast. Parameters and menus are clearly displayed on the 7inch (D3) or 8.4inch (D6) colour display.

Impedance indicators

To help ensure successful defibrillation, the D3 and D6 are integrated with an intuitive, colour-coded impedance indicator. A green light indicates an acceptable level of impedance, while amber and red illustrate the level is too high.

Adjusts to the patient

When shifting from adult to paediatric mode, the default energy, monitoring range and alarm limits of parameters will automatically adjust, ensuring the treatment given is suitable for the patient.



BeneHeart D3 Defibrillator

^{*}The BeneHeart D3 can support 3/5-lead ECG, impedance respiration, SpO₂, NIBP and Microstream etCO₂ monitoring. The D6 offers additional parameters including 12-lead ECG, two IBP, two invasive temperatures and Sidestream etCO₂. SpO₂ options include Mindray, Masimo SET and Nellcor.

¹2021 Resuscitation Council UK Guidelines

Complete visibility for a faster response

With Wi-Fi connectivity, the Mindray BeneHeart Platinum defibrillators can seamlessly send data to central monitoring systems and electronic patient records (EPR), allowing clinicians to monitor, record and quickly respond to medical emergencies.

- Send real-time data from the field to the hospital to allow clinicians to determine and prepare the appropriate treatment in advance of the patients arrival
- Seamlessly connect to third-party EPR systems for a complete and comprehensive record
- The Glasgow 12-lead ECG report available with the D6, helps clinicians quickly decide on the reperfusion method for a suspected STEMI (ST-elevation myocardial infarction)



Reliable and ready to respond

To ensure reliability at all times, Mindray's defibrillators perform automated self-tests, feature extensive battery lives and are rigorously tested for durability.

Automated self tests

Automatic daily self tests ensures the device is in top operating condition and ready to respond when required.

Long-lasting battery

With an extensive battery life, the D3 and D6 can deliver 200 shocks at 360 joules or 4.5 hours of continuous pacing per battery. The power indicator can be clearly found on-screen and acts as a visual prompt to charge the device.

Durable

The BeneHeart D3 and D6 defibrillators are extremely durable and comply with the IP44 dust and waterproof standard, allowing the device to withstand various clinical and environmental pressures. The carrying case offers extra protection for use in the field and also offers storage for accessories.



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