

# BeneHeart D3 Defibrillator Training Plan



This document outlines the training options and plans for the BeneHeart D3 Defibrillator

## ESSENTIAL TRAINING (eLearning)

A series of short e-learning videos and training materials are available for all users aimed at minimising time out of clinical practice, visit: [www.mindrayuk.com/education](http://www.mindrayuk.com/education).

## FACILITATION TRAINING

It's often beneficial to get hands on experience in a safe classroom environment. Clinicians can explore each aspect of the D3 defibrillator with our simulated clinical scenarios designed to utilise each device function.

Facilitation sessions can be organised by your local training department.

## ADVANCED TRAINING

Advanced training in device use enables attendees to cascade their new knowledge of the Mindray BeneHeart D3 defibrillator to other staff within the organisation, as a certified Cascade Trainer. Our standardised approach to device training ensures consistency between training sessions, training information cascaded and maintains a high standard of training.

NB: training only covers device functionality and no other resuscitation practice.

## DOCZERO

Doczero is an online advanced training programme for super users. This 4-hour online training course is aimed at resuscitation staff who want to know every integral aspect of the Mindray BeneHeart D3 defibrillator. For login details - please contact your Account Manager or Defibrillation Specialist.

NB: additional cost may apply.

## Facilitation Training Plan – Instructor Information

Course Title	Facilitation Training
Device	BeneHeart D3 Defibrillator
Course duration	25 minutes
Teaching format	Classroom based facilitation

Candidate pre-course requirements	Candidates must have prior knowledge of the device, specific to the functionality being learned, for example; candidates may have watched the e-learning videos or have previous experience clinically of the device or on a course.
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<p><b>Learning objectives</b></p> <p>By the end of this session candidates will be able to:</p> <ul style="list-style-type: none"> <li>Describe and use all appropriate functions and features of the BeneHeart D3 defibrillator.</li> <li>Connect all external cables.</li> <li>Perform user tests and ensure the device is ready for use.</li> <li>Use the device in a manner that reflects their individual resuscitation training status.</li> </ul>
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<p><b>Instructor information</b></p> <p>Candidates should only undertake a level of facilitation training whereby they have received respective clinical training; e.g. a candidate trained in ILS would not be expected to undertake pacing. The below guide can be used by Instructors to determine what level of training is required by candidates.</p> <table border="1"> <thead> <tr> <th>Training level</th> <th>Respective training</th> <th>Facilitating training</th> <th>Candidates are to complete sections</th> </tr> </thead> <tbody> <tr> <td>Level 1 candidates</td> <td>BLS</td> <td>Overview and testing</td> <td>Sections 1, 2</td> </tr> <tr> <td>Level 2 candidates</td> <td>ILS / PILS</td> <td>Overview, testing, AED, monitoring</td> <td>Sections 1, 2, 3, 7</td> </tr> <tr> <td>Level 3 candidates</td> <td>ALS / EPALS / APLS / CALS</td> <td>All training elements</td> <td>Sections 1, 2, 3, 4, 5, 6, 7</td> </tr> </tbody> </table> <p>Instructors must determine what level and respective sections individual candidates should complete. Training levels should be documented on the register.</p>	Training level	Respective training	Facilitating training	Candidates are to complete sections	Level 1 candidates	BLS	Overview and testing	Sections 1, 2	Level 2 candidates	ILS / PILS	Overview, testing, AED, monitoring	Sections 1, 2, 3, 7	Level 3 candidates	ALS / EPALS / APLS / CALS	All training elements	Sections 1, 2, 3, 4, 5, 6, 7
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Equipment required per candidate	<ul style="list-style-type: none"> <li>x1 BeneHeart D3 defibrillator with appropriate modes, e.g. SpO2.</li> <li>Corresponding cables.</li> <li>Corresponding accessories including disposables.</li> <li>x1 simulator with 3 / 5 lead and defibrillator capability.</li> <li>x1 copy of facilitation documentation for candidates to follow.</li> </ul>
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<p>Prior to training</p>	<ul style="list-style-type: none"> <li>• The Instructor should determine how candidates will attend training and who is responsible for organising candidate groups.</li> <li>• Training ratios should be governed by the numbers of equipment available; no more than 8 candidates per session.</li> <li>• The suitability of the training environment is at the Instructors discretion.</li> <li>• Attention should be made to the training venues spacing and associated noise generated from equipment.</li> <li>• If requesting loan equipment, organisation of equipment must be scheduled 4 weeks prior to the training date.</li> <li>• The organisations equipment must be used primarily including simulators.</li> </ul>
<p>Information to be given to candidates prior to the training starting</p>	<ul style="list-style-type: none"> <li>• Candidates will be instructed to work through the sheets in front of them using the defibrillator and a simulator.</li> <li>• The Instructor is not present to teach but to facilitate and help troubleshoot.</li> <li>• Candidates will be required to change the simulator settings during training, the Instructor should give a brief overview how to achieve this.</li> <li>• There is no assessment stage, although, if candidates are unable to complete the steps provide in the allotted timeframe, they will be requested undertake e-learning prior to further facilitated training.</li> <li>• All candidates are required to sign the register and note their respective level of training.</li> </ul>
<p>During training</p>	<ul style="list-style-type: none"> <li>• Prior to each individual session starting the Instructor should determine the level of training need and respective sections for the candidate to complete, a brief demonstration of the simulator should also occur.</li> <li>• The Instructor should prepare the station prior to each candidate arrival.</li> <li>• The training cables should not be attached to the defibrillator but should be attached to the simulator.</li> <li>• The simulator should be turned on and spare AA batteries should be available.</li> <li>• It is up to the Instructor to decide if candidates can join an existing session, as each are working at their own pace.</li> <li>• Candidates requiring more time to complete the exercises should be asked to undertake e-learning and repeat the facilitation training: this should be documented on the register.</li> <li>• Certification of attendance is given only.</li> </ul>

*NB: Device functionality training is not resuscitation training; candidates must maintain competency of use through organisation resuscitation training.*

## Advanced Training – Instructor Information

Course Title	Advanced Training
Device	BeneHeart D3 Defibrillator
Course duration	1 hour
Teaching format	Small group teaching / lecture style format

Candidate pre-course requirements	No pre-course requirements are required to undertake this training.
Trainer pre-course requirements	Staff wanting to act in a training capacity, must have been certified by a Mindray Defibrillation Specialist prior to commencing training. Alternatively, existing instructors from the Resuscitation Council (UK) and European Resuscitation Council are automatically accepted as Instructors once eLearning videos have been watched.

### Learning objectives

By the end of this session candidates will be able to:

- Describe all appropriate functions and features of the BeneHeart D3 defibrillator.
- Describe how to connect all external cables.
- Describe how to perform a user tests and ensure the device is ready for use.
- Describe how to use the device in a manner that reflects their individual resuscitation training status.

### Instructor information

Candidates should only undertake a level of device training respective to their existing level of clinical training, e.g. a candidate trained in ILS would not be expected to undertake training in pacing. The below guide can be used by Instructors to determine what level of training is required by candidates; sections highlighted, correspond with the Train the Trainer Guide provided. The Train the Trainer Guide should be used to structure training.

Training level	Respective training	Facilitating training	Candidates are to complete sections
Level 1 candidates	BLS	Overview and testing	Sections 1, 2
Level 2 candidates	ILS / PILS	Overview, testing, AED, monitoring	Sections 1, 2, 3,4
Level 3 candidates	ALS / EPALS / APLS / CALS	All training elements	Sections 1, 2, 3,4, 5, 6, 7, 8

Instructors must determine what level and respective sections individual candidates should complete. Training levels must be documented on the register.

#### Equipment required per candidate

- x1 BeneHeart D3 defibrillator with appropriate modes, e.g. Sp02.
- Corresponding cables.
- Corresponding accessories including disposables.
- x1 simulator with 3 / 5 lead, defibrillator and pacing capability.

<p>Prior to training</p>	<ul style="list-style-type: none"> <li>• The Instructor should determine how candidates will attend training and who is responsible for organising candidate groups. Training should not commence without this stage completed.</li> <li>• One device can be used for training; however, more may be needed if candidates wish to familiarise themselves.</li> <li>• Organisation of equipment must be scheduled 4 weeks prior to the training date if requesting loan equipment.</li> <li>• The organisations equipment must be used primarily including simulators.</li> <li>• Training venues often vary, ideally the venue should be away from the clinical area if possible.</li> </ul>
<p>Information to be given to candidates prior to the training starting</p>	<ul style="list-style-type: none"> <li>• Prior to each session starting the Instructor should determine the level of training need and respective sections for the candidate to listen to.</li> <li>• The Instructor should explain that training will be a cascade of information in a lecture format.</li> <li>• Questions are encouraged but are at the discretion of the Instructor, considering time and numbers of staff to train.</li> <li>• Candidates wishing to familiarise themselves with the device can after training has finished.</li> <li>• Candidates <u>must</u> be present for all aspects of the training to be certified.</li> <li>• There is no assessment stage.</li> <li>• All candidates are required to sign the register and note their respective level of training.</li> </ul>
<p>During training</p>	<ul style="list-style-type: none"> <li>• The Instructor should prepare for teaching prior to candidate arrival.</li> <li>• The simulator should be checked and spare AA batteries available.</li> <li>• Training is delivered through a lecture style teaching format</li> <li>• It is recommended to have audience participation e.g. the instruction “turn the device to AED mode and deliver a shock”, demonstrates simplicity and ease of use while increasing user confidence.</li> <li>• Candidates should not leave training other than for comfort breaks.</li> <li>• It is at the discretion of the Instructor to determine if a candidate has missed any training elements.</li> <li>• Certification of attendance is given only.</li> </ul>

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