The CPRmeter™ helps to ensure Quality CPR

Regular CPR training will always be important to prepare the trained rescuer, but the real emergency situation can be both dramatic and stressful.

Research has shown that the CPR quality given in and out of hospital during cardiac arrest is sub-optimal. 1-7

The CPRmeter™ helps to guide the rescuer to deliver quality CPR by providing dynamic, real-time feedback on the essential parameters of CPR.

ORDERING INFORMATION

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<td>801-00140</td>
<td>CPRmeter™ including battery, patient adhesives 3pk, 1Gb MicroSD card, sleeve and user guide</td>
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Consumables

| 801-00850 | Patient Adhesives (10 x 3 pack) |

Accessories

| 801-10150 | Red Sleeve |
| 801-10350 | Carry Case |
| 801-20150 | CPR Review Software (Download only) |

Directions for Use

(You can print)

REFERENCES

5. ERC guidelines for Resuscitation 2005. Resuscitation 2005; 67(S1)

www.laerdal.com

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The trained rescuer knows that when faced with a sudden cardiac arrest patient, time and optimal therapy is critical for survival. Quality CPR combined with early defibrillation is essential to improve survival.1-3 Guidelines4-5 provide direction on a number of parameters that define Quality CPR. However, the challenge for all emergency healthcare providers remains: How can guidelines compliant CPR be delivered consistently throughout healthcare organisations?

Patients Vary

Guidelines recommend compressing the patient’s chest at least 4 - 5 cm. This in itself is hard to judge by rescuers, and made even harder because the required compression force on individual patient’s chests varies greatly. In fact, Toomson et al (2007) showed that patients’ chests require a compression force ranging from 10 - 55 kg force to reach the minimum compression depth.6

The CPRmeter™ uses an advanced measurement technology which guides the trained rescuer to deliver guidelines compliant chest compressions regardless of the chest stiffness of an individual patient.

Quality Assurance + Quality Improvement = Improved Patient Outcomes

While survival rates from sudden cardiac arrest have remained virtually unchanged for 25 years, recent studies have shown that significant improvements in patient outcomes are possible when healthcare organisations implement systematic QA and QI initiatives.10-11

Using Laerdal’s latest generation of Q-CPR technology, the CPRmeter™ records and documents CPR performance. This opportunity to debrief events objectively is essential to facilitate team improvement and establish best practice to help improve patient outcomes.6,7

Q-CPR Quick Review

The opportunity for trained responders to immediately self-evaluate their CPR performance is both an empowering and motivating feature of the CPRmeter™. This can help reassure that optimal CPR has been delivered or highlight areas for improvement for discussion during the de-brief.

Q-CPR Review

An optional Micro SD card can capture comprehensive CPR event statistics for in-depth evaluation and debriefing. A quick download into the Q-CPR Review software enables the user to:
- Create a graphical view of a CPR case for debriefing
- Create and print an individual CPR Report Card
- Compile CPR event statistics for multiple cases

The Q-CPR Review software provides the foundation for a successful CPR quality improvement programme.

CPRtraining.org.uk

CPR training for both ALS and BLS courses requires demonstration of guidelines compliant CPR.13 Studies indicate that CPR skills decrease quickly following traditional CPR training16-18. More frequent refresher training, more hands-on skills practice and reduced intervals of re-certification have been highlighted as methods to address this problem.19

A valuable solution for recommended low dose, high frequency refresher training, the CPRmeter™ used with a manikin can help the trainee to improve and maintain CPR skills, while helping the instructor to easily assess competence for re-certification.

CPRmeter™ Improves CPR Skills Retention12-14

Built to Last

Its rugged construction and excellent viewing angles, even in difficult environmental conditions, makes the CPRmeter™ ideally suited to the emergency situation.

The CPRmeter™ can be upgraded to work with future revised guidelines.