Real-time CPR feedback for the M Series
M Series with Real CPR Help

The M Series now includes Real CPR Help® technology for real-time feedback on depth and rate of CPR compressions.

- Configurable visual and audio coaching
- CPR Index® allows for instant visual assessment of rate and depth
- Electrode Uniformity – Compatible with CPR stat® pad, OneStep™ CPR and OneStep Complete Electrodes

25% of patients need defibrillation at the onset of an event¹, 100% need CPR.

Improving outcomes from resuscitation events requires good quality CPR. That’s why the 2005 ILCOR (AHA and ERC) recommendations emphasize the importance of achieving a depth of 1.5-2.0 inches (4-5 cm) and a rate of 100 compressions per minute for two minutes. With Real CPR Help, rescuers can see at a glance whether their compressions meet these recommendations, giving them the best possible chance of saving patients.

A recent study by Abella et. al supports that real-time CPR-sensing and feedback technology improves the quality of CPR during in-hospital cardiac arrest². So by doing good quality CPR and having a real-time coach to help you, you can improve perfusion and protect vital organs. That’s why ZOLL® has added Real CPR Help to the M Series defibrillators.*

Real CPR Help Features

- **CPR Compression Indicator**: Indicator becomes filled completely when consistent chest compression depth exceeds 1.75 inches (4.4 cm) and rate exceeds 90 compressions per minute simultaneously.
- **Rate Prompt**: Displays when rate falls below 90 compressions per minute.
- **Depth Prompt**: Displays when depth falls below 1.5 inches (3.8 cm).
- **CPR Idle Time Display**: Displays elapsed time since last compression, in minutes and seconds, in lieu of the CPR Compression Indicator, when compressions have not been detected for 10 seconds.
- **CPR Metronome**: When activated, beeps at a rate of 100/minute in one of two modes:
  - **Manual Mode**: Beeps when compression rate is below 80 cpm.
  - **Semi-Auto Mode**: Beeps during entire CPR period or until compressions have stopped for more than a few seconds.

Upgrades and CPR Electrode Connector Cables

- **M Series CPR Upgrade Kit**: Includes: One (1) M Series OneStep Cable, and Two (2) OneStep CPR Resuscitation electrodes
  - Part Number: 8000-0271
- **M Series CPR Site License**: For upgrading 10 or more M Series defibrillators
  - Part Number: 7771-3901-01
- **Limited CPR Software Upgrade Card**: For upgrading 9 or fewer M Series defibrillators
  - Part Number: 7777-3901-01
- **M Series OneStep Cable**: Required to use OneStep CPR electrodes or OneStep Complete electrodes with upgraded M Series
  - Part Number: 8000-0599
- **CPR Connector**: Required to use CPR stat® pad or CPR-D® pad with upgraded M Series
  - Part Number: 8000-0370

---

³ Deployment compatible with M Series at software revisions greater than 30.00 or less than 50.00. Customers with M Series at earlier revision levels should contact ZOLL Technical Support at 1-800-242-9150 ext. 3940 or their local ZOLL Tech support office to determine what additional upgrades are available to take advantage of Real CPR Help.

Specifications subject to change without notice.

©2009 ZOLL Medical Corporation, “Advancing Resuscitation. Today.” CPR-D® pad, CPR stat® pad, OneStep, CPR Index, M Series, OneStep, Real CPR Help, and ZOLL are trademarks or registered trademarks of ZOLL Medical Corporation in the United States and/or other countries.

Printed in U.S.A. 05/09 10486-0259