

# Suggestions for Performance Evaluation

Early Defibrillation with the LIFEPAK® 1000 Defibrillator



## Automated External Defibrillation

Name: \_\_\_\_\_ Unit: \_\_\_\_\_

Reviewer: \_\_\_\_\_ Date: \_\_\_\_\_

**This performance evaluation is a suggested assessment of one's ability to operate the LIFEPAK 1000 defibrillator. This limited evaluation does not cover all the information and skills required to operate this device safely and effectively.** It is designed to be completed after viewing the appropriate inservice video or observing an equipment demonstration given by a qualified instructor. The voice and on screen messages are the factory default setting and are consistent with 2010 American Heart Association (AHA) and European Resuscitation Council (ERC) guidelines. For complete information, review the Operating Instructions. References to buttons are indicated in **bold** and screen display messages are indicated in *italics*. A patient simulator is required.

| PERFORMANCE EVALUATION   | COMPLETE | INCOMPLETE | COMMENTS |
|--|----------|------------|----------|
| 1. Verify patient is in cardiopulmonary arrest; unresponsive, not breathing normally, and no signs of circulation.   |          |            |          |
| 2. Presses <b>ON/OFF</b>   |          |            |          |
| 3. Prepares patient <ul style="list-style-type: none"> <li>• Bares patient's chest</li> <li>• Shaves excessive chest hair</li> <li>• Wipes chest clean and dry</li> <li>• Disconnects any equipment that may pose a hazard or become damaged</li> </ul>  |          |            |          |
| 4. Apply the therapy electrodes to patient's chest <ul style="list-style-type: none"> <li>• Peel back protective liner.</li> <li>• Apply anterior electrode according to diagram, below patient's right clavicle, lateral to the sternum smoothing the electrode from one end to the other removing all air.</li> <li>• Apply lateral electrode with ♥ symbol, lateral to patient's left nipple with the center of the electrode on the left midaxillary line smoothing the electrode from one end to the other removing all air.</li> <li>• Avoid dressings, ECG electrodes and wounds</li> </ul> |          |            |          |
| 5. Connect therapy electrodes to the defibrillator (if they are not already connected).  |          |            |          |
| 6. Stops all motion including CPR, clears everyone from patient.   |          |            |          |
| 7. Responds to voice prompts and screen messages provided by the defibrillator <i>STAND CLEAR, ANALYZING NOW, STAND CLEAR</i> by not touching the patient, bed, or defibrillator and cables.   |          |            |          |
| 8. <i>SHOCK ADVISED:</i> <ul style="list-style-type: none"> <li>• States "ALL CLEAR" and observes that all personnel are clear of patient and immediate area.</li> <li>• Presses <b>SHOCK</b> to discharge the AED.</li> <li>• Delivers first shock within 3 minutes of cardiac arrest</li> <li>• Starts CPR per voice prompts and screen messages</li> </ul>  |          |            |          |
| 9. <i>NO SHOCK ADVISED:</i> Begins CPR per voice prompts and screen messages.  |          |            |          |

| PERFORMANCE EVALUATION   | COMPLETE | INCOMPLETE | COMMENTS |
|--|----------|------------|----------|
| 10. If authorized to enter Manual Mode (ALS trained user) <ul style="list-style-type: none"> <li>• Presses the Menu key.</li> <li>• Selects <b>YES</b> to enter Manual Mode.</li> <li>• If the displayed ECG rhythm appears shockable, presses <b>CHARGE</b> to initiate charging of the defibrillator.</li> <li>• States “ALL CLEAR” and observes all personnel are clear of patient and immediate area.</li> <li>• Presses <b>SHOCK</b> to discharge the AED.</li> </ul> |          |            |          |

## General Performance Guidelines

Consider the following issues with determining competency;

- Was CPR performed with minimal interruptions?
- Was defibrillation performed in a safe manner?
- Was the first shock delivered within three minutes of collapse?
- Was defibrillation integrated with CPR?
- Was defibrillation treated as a priority over all other treatment in a witnessed VF cardiac arrest?

## Suggest Advanced Performance Scenarios

- Hairy Chest
- Single responder
- Diaphoretic patient
- Defibrillator charged; charge unwanted
- AED therapy electrodes incorrectly installed
- Voice and screen message: **CONNECT ELECTRODES**
- Voice and screen message: **MOTION DETECTED! STOP MOTION!**

## Optional Activities

- Locates defibrillator, razor or clippers, electrodes, towels, and other miscellaneous equipment in the workplace.
- Demonstrates transfer of care to Advanced Life Support or Code Team.
- Advanced Life Support team member demonstrates manual mode using the LIFEPAK 1000 defibrillator.

## Evaluation and Action Plan

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For further information, please contact Physio-Control at 800.442.1142 (U.S.), 888.879.0977 (Canada) or visit our website at [www.physio-control.com](http://www.physio-control.com).



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