



Suggestions for Performance Evaluation

Early Defibrillation with the LIFEPAK® 12 Defibrillator/Monitor

Automated External Defibrillation (AED)

Name: _____ Unit: _____

Reviewer: _____ Date: _____

This Performance Evaluation is a suggested assessment of one's ability to operate the LIFEPAK 12 defibrillator/monitor in automated external defibrillation (AED) mode. This is a limited evaluation and does not cover all the information and skills required to operate this device safely and effectively. This evaluation is based on default settings and 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 settings and are consistent with 2005 American Heart Association (AHA) and European Resuscitation Council (ERC) guidelines. For complete information, review the LIFEPAK 12 defibrillator/monitor Operating Instructions. References to buttons are in **bold** and screen display messages are indicated in *italics*. A patient simulator is required.

PERFORMANCE EVALUATION	COMPLETE	INCOMPLETE	COMMENTS
1. Verifies patient is in cardiopulmonary arrest; unresponsive, not breathing normally, and no signs of circulation			
2. Presses ON			
3. Prepares patient: <ul style="list-style-type: none"> • Bares patient's chest • Shaves excessive chest hair • Wipes chest clean and dry • Disconnects any equipment that may pose a hazard or become damaged 			
4. Connects the therapy electrodes to the therapy cable and confirms cable connection to the defibrillator.			
5. Using QUIK-COMBO® therapy electrodes: <ul style="list-style-type: none"> • Peels back protective liner • Applies anterior electrode according to diagram, below patient's right clavicle, and lateral to the sternum, smoothing the electrode from one end to the other to remove all air • Applies 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 to remove all air • Avoids dressings, ECG electrodes, and wounds 			
6. Stops all motion including CPR, clears everyone from patient, then presses ANALYZE			
7. Responds to voice prompts and screen messages <i>ANALYZING NOW</i> , <i>STAND CLEAR</i> by not moving patient, bed/stretcher, or any equipment connected to the patient			
8. <i>SHOCK ADVISED</i> : <ul style="list-style-type: none"> • States "All Clear" and observes that all personnel are clear of patient and immediate area • Presses SHOCK button to discharge AED • Delivers first shock within three minutes of cardiac arrest • Starts CPR per voice prompts and screen messages 			
9. Presses ANALYZE			
10. <i>NO SHOCK ADVISED</i> : Begins CPR per voice prompts and screen messages			
11. Presses CODE SUMMARY for event documentation			
12. Presses ON to turn power off			

Check pulse and signs of circulation per institutional guidelines.

Local policy will dictate the maximum number of analyses to perform when the screen message is consistently NO SHOCK ADVISED.

General Performance Guidelines

Consider the following issues when determining competency:

- Was CPR performed with minimal interruptions?
- Was defibrillation performed in a safe manner?
- Was defibrillation integrated with CPR?
- Was defibrillation treated as a priority over all other treatment in a witnessed VF cardiac arrest?

Suggested Advanced Performance Scenarios

- Hairy chest
- Diaphoretic patient
- Defibrillator charged; charge unwanted
- AED therapy cable incorrectly installed
- Voice and screen message: *CONNECT ELECTRODES*
- Voice and screen message: *MOTION DETECTED!/STOP MOTION!*

Optional Activities

Performance Evaluation:

- Attaches AED therapy cable to the LIFEPAK 12 defibrillator.
- 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 defibrillation using the LIFEPAK 12 defibrillator.

Evaluation and Action Plan



Physio-Control
P.O. Box 97006
Redmond, WA 98073-9706 USA
Tel: 425.867.4000
Toll Free (USA only): 800.442.1142
Fax: 425.867.4121
www.physio-control.com

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