

Suggestions for Performance Evaluation

with the LIFEPAK® 15 Monitor/Defibrillator

Noninvasive Pacing

Name: _____ Unit: _____

Reviewer: _____ Date: _____

This Performance Evaluation is an assessment of a trained user's ability to perform Noninvasive Pacing with the LIFEPAK 15 monitor/defibrillator. This is a limited evaluation and does not cover all information and skills required to operate the device safely and effectively. This evaluation is based on default settings and is designed to be completed after viewing the LIFEPAK 15 monitor/defibrillator Inservice DVD or observing an equipment demonstration given by a qualified instructor. For complete information, review the LIFEPAK 15 monitor/defibrillator Operating Instructions. References to buttons are in **bold** and screen display messages are indicated in *italics*. Performance Evaluation requires a patient simulator with pacing simulation.

PERFORMANCE EVALUATION	COMPLETE	INCOMPLETE	COMMENTS
1. Explains procedure to patient and considers sedation.			
2. Presses ON .			
3. Applies ECG electrodes and connects to ECG cable, ensuring there will be adequate space between the ECG electrodes and the therapy electrodes.			
4. Selects ECG lead (I, II or III) with greatest QRS complex amplitude.			
5. Prepares patient's skin for therapy electrode placement: <ul style="list-style-type: none"> • Bares patient's chest. • Removes excessive chest hair. • Wipes chest clean and dry. • Briskly wipes the skin with a towel or gauze. • Ensures that alcohol, benzoin and antiperspirant is not used on electrode sites. 			
6. Applies therapy electrodes according to diagram: <ul style="list-style-type: none"> • Describes or demonstrates anterior-posterior placement. • Describes or demonstrates anterior-lateral placement. 			
7. Connects therapy electrodes to therapy cable.			
8. Presses PACER .			
9. Observes for ECG rhythm and confirms sense marker (▼) on each QRS.			
10. Adjusts ECG size for optimal QRS sensing or selects a different lead.			
11. Presses RATE or rotates SPEED DIAL to select pacing rate.			
12. Presses CURRENT or rotates SPEED DIAL to increase current until electrical capture is noted. Notes positive pace marker on ECG for each delivered pacing stimulus.			
13. Notes dashes (---) not heart rate are displayed and heart rate alarm is disabled.			
14. Identifies mechanical capture: <ul style="list-style-type: none"> • Palpates patient's pulse. • Checks blood pressure. • Observes pulse oximeter (pleth) waveform and value (Optional). • Observes capnography waveform and value (Optional). 			
15. Presses and holds PAUSE to determine patient's underlying rhythm. Note: Pacing rate decreases to 25% of set rate while pause button is pressed.			

PERFORMANCE EVALUATION	COMPLETE	INCOMPLETE	COMMENTS
16. Describes pacing behavior when active ECG leads become disconnected during demand pacing: <ul style="list-style-type: none"> • Dashed line appears across screen. • <i>Nondemand pacing</i> message appears on screen. 			
17. Discontinues pacing by: <ul style="list-style-type: none"> • Pressing PACER, or • Reducing CURRENT to zero, or • Pressing CHARGE to initiate defibrillation. 			

Evaluation and Action Plan



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