

Suggestions for Performance Evaluation

with the LIFEPAK® 12 Defibrillator/Monitor

Noninvasive Blood Pressure (NIBP)

Name: _____ Unit: _____

Reviewer: _____ Date: _____

This Performance Evaluation is a suggested assessment of one's ability to operate the NIBP component in the LIFEPAK 12 defibrillator/monitor series. This is a limited evaluation and does not cover all information and skills required to operate the device safely and effectively. This evaluation is designed to be completed after viewing the appropriate inservice video or observing an equipment demonstration given by a qualified instructor. 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*.

Blood Pressure Monitoring Procedure

PERFORMANCE EVALUATION	COMPLETE	INCOMPLETE	COMMENTS
1. Presses ON			
2. Applies appropriately sized cuff to extremity <ul style="list-style-type: none"> • Checks for snug but not tight fit 			
3. Connects tubing to cuff and to the NIBP connector on monitor			
4. Changes initial inflation pressure (if necessary) <ul style="list-style-type: none"> • Uses SELECTOR to highlight and select NIBP and INIT PRESSURE on the NIBP overlay display 			
5. Prepares patient for BP measurement <ul style="list-style-type: none"> • Positions extremity in a relaxed, well supported position at heart level • Explains that cuff will inflate and cause "a big squeeze" • Explains that inflation may cause tingling or mild discomfort • Reassures patient to remain quiet and not move during measurement 			
6. Presses NIBP to initiate measurement <ul style="list-style-type: none"> • Observes patient for any movement 			
7. Listens for "beep" indicating measurement is complete <ul style="list-style-type: none"> • Observes display of systolic, diastolic, and mean arterial pressures 			

Timer Controlled Measurement Procedure

PERFORMANCE EVALUATION	COMPLETE	INCOMPLETE	COMMENTS
1. Presses ON			
2. Applies appropriately sized cuff to extremity <ul style="list-style-type: none"> • Checks for snug but not tight fit 			
3. Connects tubing to cuff and NIBP connector on monitor			
4. Selects inflation interval <ul style="list-style-type: none"> • Uses SELECTOR to highlight and select NIBP and INTERVAL 			
5. Prepares patient for BP measurement <ul style="list-style-type: none"> • Positions extremity in a relaxed, well supported position at heart level • Explains that cuff will inflate and cause "a big squeeze" at regular intervals • Explains that inflation may cause tingling or mild discomfort • Reassures patient to remain quiet and not move during measurement 			

Timer Controlled Measurement Procedure (cont.)

PERFORMANCE EVALUATION	COMPLETE	INCOMPLETE	COMMENTS
6. Presses NIBP to initiate measurement • Observes patient for any movement			
7. Listens for "beep" indicating measurement is complete • Observes display of systolic, diastolic, and mean arterial pressures			

General Performance Guidelines

Identifies possible causes and corrective action for the following:

- *NIBP AIR LEAK*
- *NIBP FLOW ERROR*
- *NIBP FAILED*
- *NIBP MOTION*
- *NIBP OVERPRESSURE*
- *NIBP TIME OUT*
- *NIBP WEAK PULSE*
- *NIBP CHECK CUFF*
- XXX appears in place of NIBP readings
- Inaccurate NIBP reading

Advanced Performance Guidelines

Consider the following issues when evaluating performance:

- Identify potential adverse effects when measuring NIBP
- Describe conditions that may affect the accuracy of blood pressure measurement

Evaluation and Action Plan



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