

# Suggestions for performance evaluation

with the **LIFEPAK® 15** Monitor/Defibrillator

## Pulse CO-Oximetry monitoring: Carboxyhemoglobin (CO) and Methemoglobin (Met)

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

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

**This Performance Evaluation is an assessment of a trained user's ability to perform pulse oximetry 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 appropriate 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. Recalls steps for optimal monitoring: <ul style="list-style-type: none"> <li>• Uses dry and appropriately sized sensor.</li> <li>• Chooses a site that is well perfused (ring finger preferred).</li> <li>• Chooses a site that least restricts patient movement (finger of non-dominant hand).</li> <li>• Observes all warning and cautions noted in sensor's direction for use.</li> </ul>			
2. Connects Rainbow sensor to the SpO <sub>2</sub> port on the monitor			
3. Attaches the sensor to the patient according to sensor's directions for use: <ul style="list-style-type: none"> <li>• Places finger in sensor until tip of finger touches the "raised digit stop".</li> <li>• Ensures sensor is secure and properly aligned with fleshy part of the digit completely covering the detector.</li> <li>• Keeps sensor site at the same level as the patient's heart.</li> </ul>			
4. Presses <b>ON</b> .			
5. Observes the pulse bar for fluctuations (amplitude indicates relative signal quality)			
6. Confirms that SpO <sub>2</sub> reading appears and is stable.			
7. Presses <b>PRINT</b> – SpCO and SpMet levels appear at top of printout Or Uses <b>SPEED DIAL</b> to select SpO <sub>2</sub> area and selects <b>PARAMETER</b> and then <i>SpCO</i> or <i>SpMet</i>			

# Evaluation and action plan

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