

# Suggestions for performance evaluation

with the **LUCAS® 2** Chest Compression System

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

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

**This Performance Evaluation is a suggested basic assessment of a trainee’s ability to operate the LUCAS 2 chest compression system. This is a limited evaluation and does not cover all the information and skills required to operate this device safely.** It is designed to be completed after viewing the appropriate inservice video or observing an equipment demonstration given by a qualified instructor. Refer to LUCAS 2 Instructions for Use for complete information. References to buttons and labels are indicated in CAPITAL letters.

Performance criteria	Complete	Incomplete	Comments
1. Opens bag; presses ON/OFF for 1 second to start self-test and power up LUCAS 2 device.			
2. Removes Back Plate from the bag.			
3. Verbalizes “stop manual CPR” to other rescuer (instructor may “act” as other rescuer).			
4. Places Back Plate under patient, immediately below the patient’s armpits			
5. Verbalizes “resume manual CPR” to other rescuer.			
6. Lifts Upper Part of LUCAS 2 device from bag and pulls once on the Release Rings to check that the Claw Locks are open, then lets go of rings. <b>Instructor starts timer when manual compressions stop.</b>			
7. Connects the Upper Part to the Back Plate, starting on the side closest to user. Listens for click.			
8. Pulls up once to ensure attachment.			
9. Positions the Suction Cup immediately above the end of the sternum in the center of the chest. Adjusts if necessary.			
10. Pushes the Suction Cup down using two fingers with LUCAS 2 device in the ADJUST mode until the Pressure Pad inside Suction Cup touches the patient’s chest.			
11. Pushes PAUSE to lock start position; then removes fingers from the Suction Cup.			
12. Presses ACTIVE (30:2) or (continuous). <b>Instructor stops timer: _____ seconds (goal: ≤ 20 seconds).</b>			
13. Fully extends the Stabilization Strap at the buckles.			
14. Places support cushion under patient’s neck.			
15. Connects buckles on support cushion straps to device straps.			
16. Tightens support cushion straps firmly.			
17. Visually checks for proper position of suction cup, adjusting if needed.			

# General Performance Guidelines

## Consider the following issues when determining competency:

- Was application and operation performed in a safe manner?
- Was the interruption of manual CPR prior to the first LUCAS compression 10 seconds or less?
- Able to verbalize contraindications and side effects?

## Suggested advanced performance scenario:

- Change battery during patient use

## Optional activities:

- Apply defibrillation pads-performs defibrillation
- Perform ventilations with bag-valve-mask
- Perform ventilations with advanced airway

# Evaluation and action plan

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Refer to operating instructions for complete directions for use indications, contraindications, warnings, cautions, and potential adverse events.

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