**Indications**
- For the use by trained personnel, as an adjunct to manual CPR, in the setting of a medical cardiac arrested adult patient.

**Contraindications**
- The patient is too large for the legs to lock into place on the back plate
- The patient is too small for the pressure pad to make contact with the chest

**Procedure**
*Confirm cardiac arrest and begin manual CPR with a minimum of interruptions until LUCAS is ready.*

**Open bag:**
- Pull red handle on bag to open

**Activate: (A)**
- Push ON/OFF for one second to start self-test and power up (green LED adjacent to ADJUST illuminates)
Back plate: (B)

- Pause manual CPR
- Place back plate under the patient below armpits
- Resume manual CPR

Compressor: (C)

- Remove LUCAS 2 from bag
- Pull release rings once to check that claw locks open, then release rings
- Stop manual compressions
- Attach to back plate; listen for "click"
- Pull up once to ensure attachment

Position suction cup:

- Center the suction cup over the chest
- Lower edge of suction cup should be immediately above the end of the sternum
Depth: (D)

- Push suction cup down using two fingers, making sure you are in ADJUST mode
- Pressure pad inside suction cup should touch patient’s chest
- If pad does not touch or fit properly, remove compressor and continue manual compressions
- Press PAUSE to lock the start position, then remove your fingers from suction cup

Engage (E)—start compressions:

- Check for proper position; adjust if necessary
- Press ACTIVE(continuous) or ACTIVE (30:2)
- Do not leave patient unattended while LUCAS 2 is active

Follow-up (F)—attach stabilization strap:

- Remove strap and extend fully at the buckles
- Place support cushion under patient’s neck
- Fasten cushion straps to LUCAS 2 straps
- Tighten the straps
- Delay the application of the stabilization strap when it might prevent or delay treatment

Press PAUSE to stop compressions during ECG analysis

**Keep interruptions to a minimum**

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