



ORANGE COUNTY EMERGENCY MEDICAL SERVICES  
BASIC LIFE SUPPORT PROCEDURES  
**AUTOMATIC CHEST COMPRESSION DEVICE,  
COMPRESSION BAND DESIGN**

#: B-040a  
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Orig. Date: 10/2008  
Revised: 09/11/2019

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**INDICATION:**

- Pulseless cardiopulmonary arrest Adolescent/Adult to provide continuous chest compression.

**CONTRAINDICATIONS:**

- Chest circumference beyond the fit range for the compression band.
- Recent chest surgery or a chest tube in place.
- Left ventricular assist device in place.

**PROCEDURE:**

- Remove clothing from thorax area.
- Apply defibrillation-monitor pads to chest in usual location and manner. If device is pass through defibrillator capable, follow manufacturer instructions for specific device.
- Log roll technique:
  - Extend and open device next to patient
  - Log roll patient away from device
  - Slide device under back or patient and roll onto support area of device band
  - Aline and close compression band fully extended on patient chest.
  - Activate device and assess for proper functioning.
- Tilt forward technique:
  - Extend and open device next to patient
  - Lean (sit) patient forward
  - Slide device behind patient and position down to buttocks
  - Position device, check alignment and close compression band over patient's chest
  - Activate device and assess for proper functioning.

**DOCUMENTATION:**

- Document time device placed.
- Check "AutoPulse® box on PCR.

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Approved:

*Carl Schultz, M.D.*

Review Date: 10/2008; 5/2018; 9/2019  
Final Date for Implementation: 10/01/2019  
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