

SECTION: C-2a

TITLE: Adult Cardiopulmonary Arrest – BLS Algorithms

REVISED: September 28, 2010

Box #1:

If adequate CPR is being performed upon arrival:

- a) Confirm cardiopulmonary arrest.
- b) Continue CPR only long enough to apply AED pads.
- c) Move on to, **“Box 4.”**

Box #2:

Sudden, witnessed arrest in the presence of EMS:

- a) Perform CPR only long enough to apply AED pads.
- b) Move on to, **“Box 4.”**

Box #3:

If inadequate CPR, or no CPR at all, is being performed upon arrival:

- a) Initiate CPR
- b) 5 cycles 30 compressions to 2 ventilations (approximately 2 minutes)
- c) During CPR:
 - 1) Apply AED pads
 - 2) Move on to, **“Box 4,”** after 2 minutes CPR completed.

Box #4:

Place patient on long back board as soon as possible/feasible-
AED Analysis of Rhythm

Shock Advised:

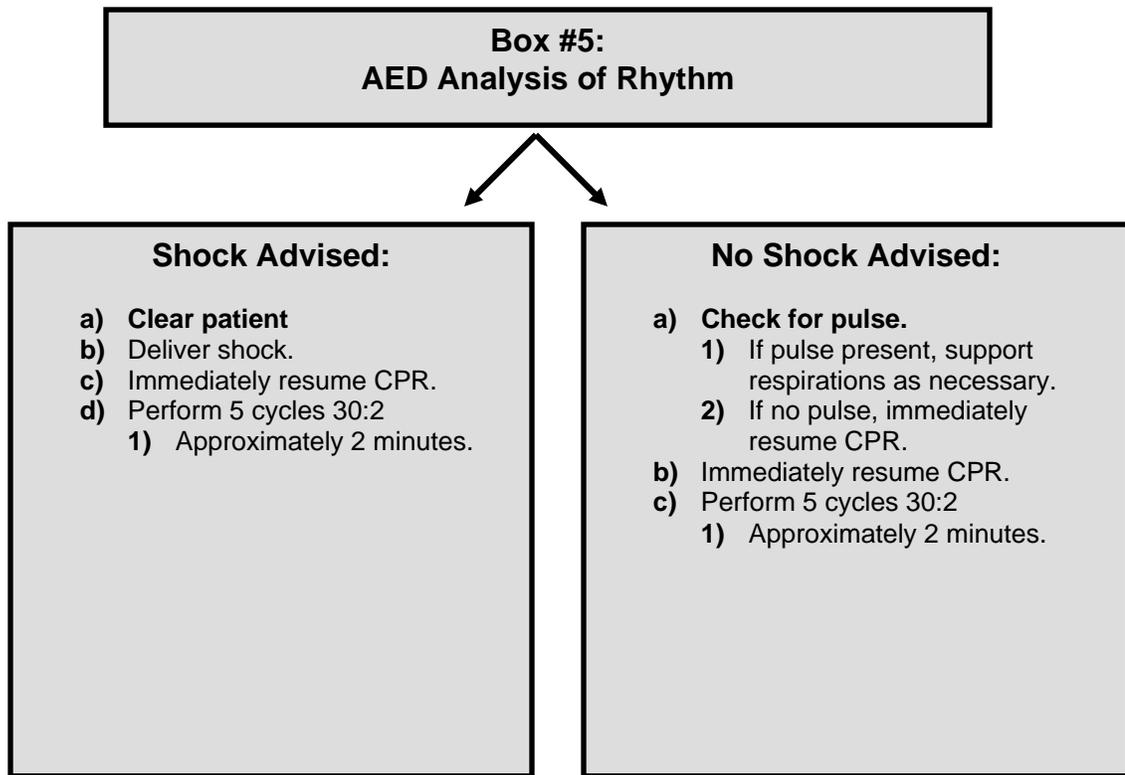
- a) **Clear patient.**
- b) Deliver shock.
- c) Immediately resume CPR.
- d) Perform 5 cycles 30:2
 - 1) Approximately 2 minutes.
- e) Insert supraglottic airway i.e. OPA, NPA. (if necessary) with cessation of compressions.

No Shock Advised:

- a) **Check for pulse.**
 - a. If pulse present, support respirations as necessary.
 - b. If no pulse, immediately resume CPR.
- b) Perform 5 cycles 30:2
 - a. Approximately 2 minutes
- c) Insert supraglottic airway i.e. OPA, NPA. (if necessary) with cessation of compressions.

Protocol C-2a

Adult Cardiopulmonary Arrest – BLS



Continue the:

2 minutes CPR → AED Analysis of Rhythm → Shock if Advised/Pulse Check if No Shock Advised → 2 minutes CPR (if necessary)

Sequence until:

- 1) Transfer to a higher level of care occurs.
- 2) Patient regains a pulse
 - a. Initiate supportive care (i.e. oxygen via non-rebreather or BVM assisted breaths if necessary.)
- 3) Resuscitative efforts are terminated (following OLMC consult.)