

New Mexico State Building AED Protocol

1) Purpose:

This protocol is for use by the Trained Targeted Responders participating in the State Building AED Program that are using the Powerheart AED.

2) Training Requirements:

Only personnel that have completed the Department of Health approved AED training program within the last two years are eligible to be identified by the local AED Program Director and/or Medical Director as Trained Targeted Responders.

3) Indications for Use:

- a) The AED should only be applied and used on patients that are unresponsive, non-breathing and eight (8) years old or greater.
- b) Apply the AED with caution if victim has:
 - i) Nitroglycerin patch on chest (remove nitroglycerin patch carefully, then apply Powerheart AED); or,
 - ii) Implantable pacemaker (pacemaker may interfere with rhythm analysis; do not place electrodes directly over pacemaker).

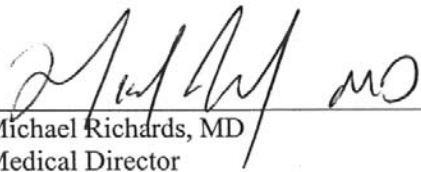
4) Procedure:

- a) Check unresponsiveness, "shake and shout"
- b) Call for help, call 911
- c) Bring AED to patient
- d) Start the ABCDs:
 - i) A = Airway open: head tilt/chin lift
 - ii) B = Breathing check (look, listen and feel)
 - (1) If NOT breathing: Give 2 slow breaths, 1.5-2 seconds per breath
 - (2) If Breathing:
 - (a) If breathing adequate, place in the recovery position- Left Side
 - (b) If inadequate, start rescue breathing, 1 breath every 5 seconds
 - (c) Monitor SIGNS OF CIRCULATION every 30-60 seconds
 - iii) C = Circulation check:
 - (1) If NO Signs of Circulation: Start chest compressions, 100 per minute
 - (a) Do CPR until AED arrives and is ready to attach
 - (b) Ratio of 15 compressions to 2 breaths
 - (2) If Signs of Circulation exist:

- (a) Start rescue breathing, 1 breath every 5 seconds
- (b) Monitor pulse every 30-60 seconds
- e) When AED is on scene:
 - i) Open lid of AED to "turn on"
 - ii) Follow voice prompts closely
 - iii) Place AED electrodes on bare chest
 - iv) Do not touch patient as AED automatically analyzes rhythm
- f) To attach electrode pads, ensure that:
 - i) Clothing has been removed
 - ii) If chest has too much hair to allow placement, trim hair quickly
 - iii) If chest is wet or damp, wipe dry
 - iv) Do not use alcohol wipes
- g) Prior to pressing "shock" button, ensure that victim and rescuers are on firm, dry surface
- h) If patient recovers, place patient in recovery position, ensure airway, breathing, provide rescue breathing if needed and protect from environment.
- i) When EMS providers arrive, advise them of what you found, and what you have done prior to their arrival.

5) Reporting

- a) Notify the local AED Program Director immediately after use.
- b) Complete the AED Usage Data Collection Form immediately after any application of the AED, even if no shock is advised.

Approved by:  Date: 9-10-2003
Michael Richards, MD
Medical Director