

## AED PROGRAM: BY LAY RESCUER PERSONNEL

### PURPOSE

To establish the medical control, training requirements, operational requirements, and local notification standards for the use of the automated external defibrillator (AED) by Lay Rescuer personnel.

### AUTHORITY

California Health & Safety Code, Division 2.5, Section 1797.80, 1797.90, 1797.170, 1797.177, 1797.182, 1797.220, 1798.2 and 1798.104

California Code of Regulations, Title 22, Division 9, Chapters 1.8

### DEFINITIONS

**AED Service Provider:** Any agency, business, organization or individual who purchases an AED for use in a medical emergency involving an unconscious person who is not breathing. This definition does not apply to individuals who have been prescribed an AED by a physician for use on a specifically identified individual.

**Lay Rescuer:** Any person not otherwise licensed or certified to use the automated external defibrillator, who has met the training standards located in this policy.

**Internal Emergency Response Plan:** A written Internal Emergency Response Plan of action which utilizes responders within a facility to activate the 9-1-1 emergency system, and which provides for the access, coordination, and management of immediate medical care to seriously ill or injured individuals.

### POLICY

#### I. MEDICAL CONTROL

Any AED Service Provider shall have a physician and/or surgeon Medical Director who:

1. Is currently licensed in California and provides oversight to the AED Service Provider.
2. Shall ensure that AED Service Provider's Lay Rescuer CPR and AED training meets the requirements on this policy.
3. Shall review each incident where emergency care or treatment on a person in cardiac arrest is rendered and to ensure that the Internal Emergency Response Plan, along with the CPR and AED standards that the Lay Rescuer was trained to were followed.
4. Is involved in developing an internal Emergency Response Plan and to ensure compliance for training, notification and maintenance as set forth in this policy.

## II. TRAINING PROVISIONS

Any training program, AED Service Provider or vendor may authorize a Lay Rescuer to apply and operate an AED on an unconscious person who is not breathing only if that Lay Rescuer has successfully completed a CPR and AED course according to the standards set forth in this policy. CPR and AED training shall comply with the American Heart Association CPR and AED guidelines. The training shall include the following topics and skills:

1. Basic CPR skills.
2. Proper use, maintenance and periodic inspection of the AED.
3. The importance of:
  - a. Early activation of an Internal Emergency Response Plan
  - b. Early 9-1-1 access
  - c. Early CPR
  - d. Early defibrillation
4. Overview of the local EMS system, including 9-1-1 access, and interaction with EMS personnel.
5. Assessments of an unconscious patient, to include evaluation of airway and breathing, to determine appropriateness of applying and activating an AED.
6. Information relating to defibrillator safety precautions to enable the individual to administer shock without jeopardizing the safety of the patient, the Lay Rescuer, or other nearby persons to include, but not be limited to:
  - a. Age and weight restrictions for use of the AED
  - b. Presence of water or liquid on or around the victim
  - c. Presence of transdermal medications
  - d. Implantable pacemakers or automatic implantable defibrillators
7. Recognition that an electrical shock has been delivered to the patient and that the defibrillator is no longer charged.
8. Rapid, accurate assessment of the patient's post-shock status to determine if further activation of the AED is necessary.
9. The responsibility for continuation of care, such as continued CPR and repeated shocks, as indicated, until the arrival of more medically qualified personnel.

The Lay Rescuer shall maintain current CPR and AED training, as set forth in this policy. CPR and AED training for Lay Rescuers shall also include a competency demonstration of skills on a manikin, directly observed by an instructor which tests the specified conditions set forth in this section of the policy.

### III. AED SERVICE PROVIDER OPERATIONAL REQUIREMENTS

An AED Service Provider shall ensure their internal AED programs include all of the following:

1. Development of a written internal Emergency Response Plan which describes the procedures to be followed in the event of an emergency that may involve the use of an AED. The written Internal Emergency Response Plan shall include, but not be limited to, immediate notification of 9-1-1 and trained on site personnel at the start of AED procedures.
2. Maintain AEDs in working order and maintain current protocols on AEDs.
3. That all applicable local EMS policies and procedures are followed.
4. That Lay Rescuers complete a training course in CPR and AED use and maintain current CPR and AED training at a minimum of every two years and are familiar with the Internal Emergency Response Plan.
5. For every AED unit acquired up to five units, no less than one Lay Rescuer per AED unit shall complete a training course in CPR and AED. After the first five AED units are acquired, one Lay Rescuer shall be trained for each additional five AED units acquired. AED Service Providers shall have Lay Rescuers who should be on site to respond to an emergency that may involve the use of the AED unit during normal operating hours.
6. That the defibrillator is maintained and regularly tested according to the operation and maintenance guidelines set forth by the manufacturer, and according to any applicable rules and regulations set forth by the governmental authority under the federal Food and Drug Administration and any other applicable state and federal authority.
7. That a mechanism exist to ensure that lay person, either Lay rescuer as part of the AED Service Provider, or a member of the general public who renders emergency care of treatment on a person in cardiac arrest by using the service provider's AED activated the emergency medical servicer system as soon as possible, and reports any use of the AED to the Medical Director and YEMSA.
8. That there is involvement of a currently licensed California physician or surgeon that meets the Medical Director Requirements of this policy.
9. That a mechanism exists that will ensure the continued competency of the CPR and AED trained individuals in the AED Service Provider's employ to include periodic training and skills proficiency demonstrations.

**IV. LOCAL NOTIFICATION STANDARDS:**

Prior to implementation of an AED program for Lay Rescuer personnel, the AED Service Provider shall notify the local fire department, transporting ALS provider the closest receiving hospital, and YEMSA of the following information:

1. Name, address, and contact phone number for the program Medical Director
2. Physical location of equipment.
3. Number of CPR and AED trained Lay Rescuer personnel.
4. The above information shall be updated annually and submitted to YEMSA.
5. The EMS Agency reserves the right to monitor lay rescuer programs. All relevant records for AED program monitoring and evaluation shall be available for review by the YEMSA.