

# CENTRAL CALIFORNIA EMERGENCY MEDICAL SERVICES

Manual	Emergency Medical Services Administrative Policies and Procedures	Policy Number 211.1  Page 1 of 3
Subject	First Responder / EMT-I Automated External Defibrillation (AED) Service Provider	
References	California Code of Regulations, Title 22, Division 9, Chapter 1.5 California Code of Regulations, Title 22, Division 9, Chapter 2	Effective 12/15/90

## I. POLICY

Automated External Defibrillation (AED) Service Providers will be designated and approved by the Central California EMS Agency and shall adhere to the following policies and procedures.

## II. PROCEDURE

- A. Provider agencies seeking approval as an AED Service Provider shall submit the following information to the EMS Agency:
  1. Overview of provider agency, including service area, response volume, first responder units to be equipped, and number of personnel to be authorized in AED.
  2. A plan to provide for the following:
    - a. Orientation of AED authorized personnel who are newly hired by the provider agency;
    - b. Ensure maintenance of AED Equipment;
    - c. Initial AED training and ongoing continuing education including periodic skill proficiency evaluations and case study in accordance with EMS Continuous Quality Improvement Policy and California Code of Regulations, Title 22, Division 9, Chapter 1.5, Section 100020.
- B. The AED Service Provider shall have a written agreement with the EMS Agency.
- C. The AED Service Provider must adhere to EMS Agency policies and procedures including the EMS Agency Continuous Quality Improvement Policy and Quality Improvement Program.
- D. The AED Service Provider shall maintain records of continuing education and documentation of skill proficiency. These records must be retained for a minimum of four (4) years and are subject to review by the EMS Agency.

Approved By EMS Division Manager	<b>Signatures on File at EMS Agency</b>	Revision  <b>04/14/2008</b>
EMS Medical Director	<b>Signatures on File at EMS Agency</b>	

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- E. The AED equipment utilized shall meet the following requirements:
  - 1. The automated external defibrillator shall be semi-automatic with rhythm assessment capabilities through adhesive monitor/defibrillation pads for which the AED personnel are trained.
  - 2. The semi-automatic defibrillators must provide a computerized readout of rhythms and times of intervention and the ability to transfer incident event data to secure database following the incident.
  - 3. AED equipment must be able to be programmed to the EMS Agency approved protocol for cardiac arrest.  
  
Note: All monophasic AED's may follow old protocols as prompted by the monophasic defibrillator until defibrillator is replaced.
- F. AED Service Provider personnel shall adhere to local BLS Protocols and Policy #510 of the EMS Policies and Procedures.
- G. AED Service Providers shall provide the following information to the EMS Agency on a quarterly basis:
  - 1. The number of patients with sudden cardiac arrest receiving CPR prior to arrival of AED Service Provider personnel.
  - 2. The total number of patients on whom defibrillatory shocks were administered, witnessed (seen or heard) and not witnessed; and
  - 3. The number of these persons who suffered a witnessed cardiac arrest whose initial monitored rhythm was ventricular fibrillation
  - 4. Outcome of patient (e.g., died on scene or transported)
- H. An AED Service Provider approval may be revoked or suspended for failure to maintain requirements of this policy.
- I. Approved AED Service Providers and their authorized personnel shall be recognized statewide.
- J. Training program requirements
  - 1. A public safety agency wishing to implement an AED program must submit a training program for approval by the EMS Agency. This program shall include:
    - a. A minimum of four (4) hours of initial instruction and testing.
    - b. A course outline which includes the topics and skills listed in California Code of Regulations, Title 22, Division 9, Chapter 1.5, Section 100020, for the optional skill of AED.
    - c. A final written and practical evaluation.

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K. Public Safety AED Instructor Requirements

To be authorized to instruct public safety personnel in the use of an AED, an AED instructor shall either:

1. Complete healthcare provider instructor course (or equivalent) including instruction and training in the use of an AED, or;
2. Be approved by the local EMS agency director and meet the following requirements:
  - a. Be AED accredited or able to show competency in the proper utilization of an AED, and
  - b. Be able to demonstrate competency in adult teaching methodologies