

	COUNTY OF SACRAMENTO OFFICE OF EMERGENCY MEDICAL SERVICES	Document #	4501.05
	<u>PROGRAM DOCUMENT:</u> Training and Medical Oversight Standards for Use of the Automated External Defibrillator by Non-Licensed or Non-Certified Personnel	Page:	1 of 4
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		Effective:	06/01/08
		Revised:	11/08/07
		Review:	11/01/09

EMS Medical Director

Chief, Emergency Medical Services

I. INTENT:

To establish the training and medical oversight standards and requirements for the use of the automated external defibrillator (AED) by non-licensed or non-certified personnel.

II. AUTHORITY:


- A. Health and Safety Code, Division 2.5, Ch. 3, Art. 5, §1797.190 & §1797.196.
- B. California Code of Regulations, Title 22, Division 9, Ch. 1.8.

III. AED TRAINING PROGRAM REQUIREMENTS:

1. The AED training component shall comply with the American Heart Association or American Red Cross standards. Training shall consist of not less than four (4) hours, and shall include the following topics and skills:
 - a. Basic CPR skills
 - b. Proper use, maintenance and periodic inspections of the AED;
 - c. The importance of:
 - 1) CPR,
 - 2) Defibrillation,
 - 3) Advanced life support,
 - 4) Adequate airway care, and
 - 5) Internal emergency response system, if applicable;
 - d. Overview of the local EMS system, including 9-1-1 access, and interaction with EMS personnel;

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- e. Assessment of an unconscious patient, to include evaluation of airway, breathing and circulation, to determine if cardiac arrest has occurred and the appropriateness of applying and activating an AED;
 - f. Information relating to defibrillator safety precautions to enable the individual to administer shock without jeopardizing the safety of the patient or the authorized individual or other nearby persons to include, but not be limited to:
 - 1) Age and weight restrictions for use of the AED,,
 - 2) Presence of water or liquid on or around the victim,
 - 3) Presence of transdermal medications, and
 - 4) Implantable pacemakers or automatic implantable cardioverter-defibrillators
 - g. Recognition that an electrical shock has been delivered to the patient and that the defibrillator is no longer charged;
 - h. Rapid, accurate assessment of the patient's post-shock status to determine if further activation of the AED is necessary; and
 - i. Authorized individual's responsibility of continuation of care, such as the repeated shocks if necessary, and/or accompaniment to the hospital, if indicated, or until the arrival of more medically qualified personnel.
2. The required hours for an AED training program can be reduced by no more than two hours for students who can show they have been certified in a basic CPR course in the past year and demonstrate to a qualified CPR instructor that they are proficient in the current techniques of CPR.

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IV. OPERATIONAL AED SERVICE PROVIDER / VENDOR REQUIREMENTS:

- A. An AED Service Provider shall ensure their internal AED programs include all of the following:
1. Development of an Internal Emergency Response System, which complies with all state regulations and local policies.
 2. Notification of the local EMS agency of the existence, location and type of AED at the time it is acquired.
 3. Provide to the acquirer of the AED all information governing the use, installation, operation, training, and maintenance of the AED.
 4. That all applicable local EMS policies and procedures are followed.
 5. That expected AED users complete a training course in CPR and AED use that complies with this policy.
 6. That the defibrillator is maintained and regularly tested according to the operation and maintenance guidelines as suggested by the manufacturer, or as required by local, state or federal rules, regulations or policies.
 7. That the defibrillator is checked for readiness after each use and at least once every 30 days if the AED has not been used in the previous 30 days. Records of these periodic checks shall be maintained.
 8. That a mechanism exists to ensure that any person who renders emergency care or treatment on a person in cardiac arrest by using the service provider's AED activates the EMS system as soon as possible, and reports any use of the AED to the licensed physician and to Sacramento County EMS.
 9. For every AED unit acquired up to five units, no less than one employee per AED unit shall complete a training course in cardiopulmonary resuscitation and AED use that complies with the regulations adopted by the Emergency Medical Services Authority and the standards of the American Heart Association or the American Red Cross. After the first five AED units, for each additional five AED units acquired, one employee shall be trained beginning with the first AED unit acquired. Acquirers of AED units shall have

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trained employees who should be available to respond to an emergency that may involve the use of an AED unit during normal business hours.

10. That there is a written plan that describes the procedures to be followed in the event of an emergency that may involve the use of an AED, to ensure compliance with the requirements of this section. The written plan shall include, but not be limited to, immediate notification of 911 and trained office personnel at the start of AED procedures.

B. Building owners ensure that tenants annually receive a brochure, approved as to content and style by the American Heart Association or American Red Cross, which describes the proper use of an AED, and also ensure that similar information is posted next to any installed AED.

C. No less than once a year, building owners will notify their tenants as to the location of AED units in the building.

D. AED Vendor Requirements

Any AED vendor who sells an AED to an AED Service Provider shall notify the AED Service Provider, at the time of purchase, both orally and in writing of the AED Service Provider's responsibility to comply with all state regulations regarding AEDs.

CROSS REFERENCE: EMT-I Defibrillation, Skill Guidelines, PD#8817
EMT-I Defibrillation, Ventricular Fibrillation and Pulseless Ventricular Tachycardia, PD#8818