

SUBJECT: **FIRST RESPONDER/EMT AED**

APPROVED BY:

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I. PURPOSE

Automated External Defibrillation (AED) utilizing a semi-automatic/automatic defibrillator according to policies and procedures established by the EMS Agency is included in the EMT-1 scope of practice and has been approved as an optional skill for use by personnel trained to Public Safety Standards.

The Public Safety/EMT AED program is intended to guide the treatment of only non-perfusing ventricular rhythms (ventricular tachycardia and ventricular fibrillation) by personnel approved by and employed with an approved AED service provider.

II. AED Service Provider

An AED service provider is an agency or organization that employs individuals as Public Safety or EMT personnel and who obtains AEDs for the purpose of providing AED services to the general public.

- A. An AED service provider shall be approved by the EMS Agency. In order to receive and maintain AED service provider approval, an AED service provider shall comply with the requirements of this policy and/or applicable state regulations.
- B. AED service provider approval may be revoked or suspended for failure to maintain the requirements of this policy and/or applicable state regulations.
- C. An AED service provider shall be approved if they meet and provide the following:
 - a. Complete an application available from the EMS Agency
 - b. Provide orientation of AED authorized personnel to the AED
 - c. Ensure maintenance of the AED equipment
 - d. Ensure initial training and continued competency of AED authorized personnel
 - e. Collect and report to the EMS Agency quarterly, data that includes, but is not limited to:
 - i. Number of patients with sudden cardiac arrest receiving CPR prior to arrival of AED Service provider personnel;
 - ii. Total number of patients on whom defibrillatory shocks were administered;
 - iii. Total number of patients on whom defibrillatory shocks were administered, who suffered a witnessed cardiac arrest.
 - f. Authorize personnel and maintain a listing of all authorized personnel and provide the list to the EMS Agency annually or upon request.
- D. An approved AED service provider and their authorized personnel shall be recognized statewide.

III. Public Safety AED Service Provider Training Program Requirements

- A. 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:
 1. A minimum of four (4) hours of initial instruction and testing.
 2. A course outline which includes the topics and skills listed in the current Public Safety regulations, for the optional skill of AED.
 3. A final written and practical evaluation.
- B. The public safety agency shall implement a quality improvement program as outlined in the quality improvement plan established by the EMS Agency.
- C. The public safety agency shall follow the policies and procedures issued by the EMS Agency Medical Director.
- D. The defibrillator and defibrillator trainer shall be maintained in accordance with manufacturer's recommendations.

IV. Public Safety AED Instructor Requirements

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

- A. Complete an American Red Cross or American Heart Association recognized instructor course (or equivalent) including instruction and training in the use of an AED, or;
- B. Be approved by the local EMS agency director and meet the following requirements:
 1. Be AED accredited or able to show competency in the proper utilization of an AED, and
 2. Be able to demonstrate competency in adult teaching methodologies