



*Kern County Sheriff's Office*  
**Policies and Procedures**

<b>TITLE:</b> Automated External Defibrillator		<b>NO:</b> P-200	
<b>APPROVED:</b> Donny Youngblood, Sheriff-Coroner			
<b>EFFECTIVE:</b> October 28, 2014	<b>REVIEWED:</b> 05/11/2018	<b>REVISED:</b> 10/10/2015	<b>UPDATED:</b> 05/11/2018

## **POLICY**

### **PURPOSE AND SCOPE**

The purpose of the Kern County Sheriff's Office Public Safety Automatic External Defibrillation Program (PSAED) is to assist with the Cardiopulmonary Resuscitation (CPR) of a person who is in cardiac distress. Most cases of sudden cardiac arrest results from ventricular fibrillation. This is a rapid and unsynchronized heart rhythm starting in the heart's lower pumping chambers (the ventricles). In distress the heart must be "defibrillated" quickly, because a patient's chance of surviving drops by 7 to 10 percent for every minute a normal heartbeat is not restored.

Automatic External Defibrillators (AEDs) make it possible for more people to respond to a medical emergency where defibrillation is required. Because AEDs are portable, they can be used by trained staff members during their normal duties of assisting with CPR/First Aid.

The PSAED is regulated in the various California counties in compliance with Title 22, Division 9, Chapter 1.5 of the California Code of Regulation and Emergency Medical Services Division Policies and Procedures. In accordance with the State Regulation, all County Emergency Medical Services Divisions are required to develop and implement policies regarding the use and approval of PSAEDs in their respective counties. This policy will provide trained staff direction and expectations regarding the use of PSAEDs in the course and scope of their duties with the Kern County Sheriff's Office in order to comply with Kern County Emergency Medical Services Division (Kern County EMS) PSAED policy.

### **PROGRAM OVERVIEW**

The intent of the Kern County Sheriff's Office PSAED Program is to provide early defibrillation for the unconscious and pulseless patient. Defibrillation at the earliest possible time may prevent or reduce mortality when used in association with basic life support and/or advanced life support EMS system resources. This program is implemented in the Kern County area as authorized by the Kern County EMS.

### **DEPLOYMENT**

The Kern County Sheriff's Office currently has hard mounted AEDs located at our facilities:

Once a week the supervisor (or designee) of the facility will check each AED to make sure it is functional and ready for deployment. This check shall include not just obvious functionality, but also ensure both child and adult pads are supplied with the AED and within the recommended expiration date. The facility supervisor will be responsible for maintaining the AED check inspection log.

The AED shall be stored on the wall or other location for ready access. Only staff members who have successfully completed AED training are authorized to use an AED.

The Kern County Sheriff's Office also has AED's issued to various deputies throughout the County of Kern:

Deputies who are issued an AED will perform weekly inspections to ensure it is functional and ready for deployment. The check shall include not just obvious functionality, but also include an inspection of both the child and adult pads expiration date. Deputies who are assigned AEDs will be responsible for maintaining the AED check inspection log. AEDs assigned to individual deputies will be stored in the deputies patrol vehicles.

Once a month supervisors will inspect all AED's issued to deputies under their supervision. The check shall include not just obvious functionality, but also ensure both child and adult pads are supplied with the AED and the pads are within the recommended expiration date. Supervisors will be responsible for ensuring the assigned deputy is maintaining the AED check inspection log.

Supervisors shall ensure that trained staff members complete the appropriate reports, including the Defibrillation Report anytime the AED is used on a patient.

The reports shall be submitted to the POST Training Sergeant, within 24 hours of the incident, for forwarding to the Kern County EMS Department. It shall be the responsibility of the POST Training Sergeant to monitor the computer data information contained within the AEDs as recommended by the manufacturer.

**PROCEDURE FOR USE**

Patient must be unconscious and pulseless.

**CONTRAINDICATIONS: AED will not be used if any of the following exist.**

- The patient is under one (1) year of age
- Presence of pulse
- Conscious patients

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**PROCEDURE:**

1. All standards of CPR/First Aid are to be used in conjunction with the AED equipment.
2. PSAED trained personnel shall be responsible for accurately assessing the patient to determine if the AED use criteria is met.
3. The AED equipment shall not be applied if patient does not meet all AED use procedures. Standard CPR/First Aid shall be provided as needed.
4. Once applied to the patient, AED equipment shall remain in place until advance life support personnel with necessary Electrocardiogram (ECG) monitoring and defibrillation equipment assume care of the patient.
5. Trained staff members if presented with a valid Do Not Resuscitate (DNR) or Physician Orders for Life-Sustaining Treatment (POLST) forms will not administer any CPR/First Aid treatment. See attached examples for reference.

**TRAINING STANDARDS**

All PSAED operators must be trained and currently certified in CPR/AED by the Kern County Sheriff’s Office Training Section.

**PATIENT HAND-OFF/TRANSPORT PROCEDURES**

1. Patients with an AED in place may be released to a paramedic or an EMT-I for transport to the hospital.
2. In cases where an EMT-I ambulance is the transporting unit and the EMT-I staff are not trained in the use of the device or do not have a PSAED device, the PSAED provider must accompany the patient and maintain responsibility of the AED until the patient’s care is transferred to an emergency department. Transport personnel will maintain responsibility for all other patient treatment and decisions during the transport to the emergency department.

**DOCUMENTATION REQUIREMENT**

1. An incident report and PSAED Defibrillation Report (Appendix A) or equivalent electronic report form shall be submitted to the POST Training Sergeant within 24 hours for each use of the device.
2. When a Kern County Sheriff’s PSAED is used, staff shall maintain care and custody of the PSAED until the electronic data is downloaded and booked into a Kern County Sheriff’s Property Room.
3. The POST Training Sergeant shall submit the AED electronic data and a PSAED Defibrillation Report to the Kern County EMS Division within 48 hours of use.

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4. The Kern County EMS Department will submit program performance data to the California EMS Authority as required.

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## Appendix A

### Report on Defibrillator Use:

Name of AED Service Provider:	
Date of Occurrence:	
Time of Occurrence:	
Location of Occurrence:	
Patient's Name:	
Patient's Age:	
Patient's Sex:	
Approximate Down time prior to your arrival:	
Did anyone witness the collapse/arrest?	
Alert Time (time you were notified):	
Was CPR used prior to AED?	
Time of first shock (If given):	
Total number of shocks:	
Did victim regain a pulse at scene?	
Responder Name:	
Responder Name:	
Responder Name:	
Responder Name:	
Name and phone number of person completing form:	

Additional Comments/ Information:

#### Public Safety AED Policy and Procedures

Ensure a copy of the form is submitted to the POST Training Sergeant within 24 hours

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