

Pomona College

Automated External Defibrillator (AED) Program

Introduction

To help ensure the safety and well-being of the Pomona College community and visitors to campus, Pomona College is increasing the number of Automated External Defibrillators (AEDs) on campus. Cardiovascular disease is the leading cause of death in the United States, and sudden cardiac arrest (SCA) is responsible for half of the deaths associated with cardiovascular disease.

An Automated External Defibrillator (AED) is used to treat victims who experience sudden cardiac arrest, a condition that occurs when the electrical impulses of the human heart malfunction causing a disturbance in the heart's electrical rhythm called ventricular fibrillation (VF). This erratic and ineffective electrical heart rhythm causes complete cessation of the heart's normal function of pumping the blood resulting in sudden death.

Cardiopulmonary Resuscitation (CPR) is a means to intervene while emergency medical help has been notified and is in transit. The survival rate using CPR alone is about five percent. The most effective treatment for VF is the administration of an electrical current to the heart by a defibrillator, delivered within a short time of the onset of VF.

An AED is only to be applied to a victim, who is unconscious, not breathing normally and showing no signs of circulation such as normal breathing, coughing or movement. The AED is connected to the victim by conductive pads. Whether a shock is needed is determined by the device and delivered automatically if appropriate.

There are now 17 AED's on the Pomona College campus.

Purpose

The purpose of this policy is to provide guidance in the management and/or administration of the Pomona College's Automated External Defibrillator (AED) program.

Under California Civil Code Section 1714.21, the State of California provides protection from civil damages to entities that acquire an AED for emergency use as long as the entity has complied with subdivision (b) of Section 1797.196 of the Health and Safety Code. Individuals using an AED or performing CPR are protected from civil damages if they provide emergency care or treatment in good faith and do not expect compensation. These protections do not apply in the case of personal injury or wrongful death resulting from the gross negligence, or the willful, or wanton misconduct of the person who renders emergency care or treatment by the use of an AED.

This program brings together state and local regulations, policies, procedures, training requirements and standards, and medical direction required for establishment of **Pomona College's Automated External Defibrillator (AED) Program**.

Scope

This policy outlines Pomona College standards and procedures relating to its AED program, including equipment, maintenance, response plan and protocol. Everyone participating in the Pomona College AED program must comply with this policy.

An AED will be used in conjunction with Cardio-Pulmonary Resuscitation (CPR) for a victim of sudden cardiac arrest, in accordance with the accepted protocols. The use of the AED will continue during the course of emergency care, until the patient resumes pulse and respiration, and/or local Emergency Medical Services (EMS) arrive at the scene.

Roles and Responsibilities

The success of the AED Program is dependent upon the collaboration of team members across campus. Specific roles and responsibilities of the Emergency Response Team, AED Medical Advisor, AED Program Coordinator, and AED Site Coordinators are described below.

Emergency Response Team

- Provide quality control oversight of the AED program
- Review and approve program policies and procedures
- Develop recommendations for program operations
- Identify locations for AED equipment installation and
- Review and approve annual reports prepared by the AED Program Coordinator

AED Program Coordinator:

- Ensure compliance with all applicable federal, state and local regulations regarding AED equipment
- Ensure that issues related to training (including scheduling of basic and periodic reviews, maintenance of training records and record-keeping) are updated and maintained on a regular basis
- Select employees for AED training
- Contact Cardiac Sciences to download the medical information after an event and send a copy to the medical advisor
- Notify Cardiac Sciences of any emerging medical issues and/or events, and any AED program deficiencies
- Serve as a liaison and contact for any Pomona College departments wishing to have AED equipment at their location
- Maintain an up-to-date list of all AED Site Coordinators

- Serve as a liaison between the Emergency Response Team and AED Site Coordinators
- Ensure that Pomona College AED Site Coordinators receive updated information each year regarding proper use of an AED
- Publicize an annual list of AED locations
- Ensure monthly maintenance of the AEDs and related response equipment
- Notify the Emergency Response Team and AED Medical Director of any cardiac arrest or use of the AED equipment
- Develop and maintain the AED program, policies and procedures response plan

AED Site Coordinator

- Understand and comply with the requirements of Pomona College's AED policy
- Notify the the Program Coordinator of any cardiac arrest incidences or use of the AED device
- When an event occurs, complete the AED Post-Incident Report (attached as Appendix A) and submit it to the Program Coordinator
- Ensure that the AED is taken to AED Program Coordinator for the medical report to be downloaded, whenever an event occurs. Take the AED to Program Coordinator on the next business day if the medical event occurs after hours, on the weekends or on holidays.
- Contact Program Coordinator whenever the resuscitation/ready kit needs to be replenished and/or the electrodes have been used during a medical event
- Notify the Program Coordinator of any malfunction of the AED device
- Attend AED Program meetings as determined by the AED Program Coordinator
- Report any abuse or vandalism of the AED to Campus Safety (909-607-2000) and to the AED Program Coordinator (909-607-1668)
- Notify the AED Program Coordinator of any major changes (i.e change of AED Site Coordinator)
- A "List of Site Coordinators and Locations" is attached as Appendix B

Medical Control/Advisor

The medical advisor for the AED program is provided by Cardiac Sciences.

Medical Advisor Responsibilities

The medical advisor of the AED program has the ongoing responsibility to:

- Provide medical direction for the use of AEDs
- Review guidelines for emergency procedures related to the use of the AEDs and CPR
- Evaluate post-event review forms and digital files downloaded from the AED
- Submit any reports required to the County EMS agency as required by law
- Provide medical oversight and consultation

- Oversee and approve protocols for the use of the AED and other medical equipment

Trained Employees

Two employees per facility shall be CPR/AED certified.

**APPENDIX A
AED Post-Incident Report**

Incident Date:	Patient's Last Name:	Patient's First Name:	
Patient's Address:			
Street		City	State
Zip			
Patient's Phone Number ()	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female		
Incident Location/Address:			
AED Operator Name:	Assistant Name:	Assistant Name:	
Estimated time from patient's collapse until CPR started:	Estimated total time of CPR until application of AED:		
Was arrest witnessed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	By whom:	Time:	
Was CPR started? <input type="checkbox"/> Yes <input type="checkbox"/> No	By whom:	Time:	
Did patient ever regain a pulse? <input type="checkbox"/> Yes <input type="checkbox"/> No	Time:	Did patient ever begin breathing? <input type="checkbox"/> Yes <input type="checkbox"/> No	Time:
Did patient ever regain consciousness? <input type="checkbox"/> Yes <input type="checkbox"/> No	Time:	Hospital patient taken to:	Time:
Other treatment:		Transporting agency:	
Comments:			
Report completed? <input type="checkbox"/> Yes <input type="checkbox"/> No	Telephone number:	Date:	
Prescribing physician review/recommendations:			
COORDINATOR REVIEWED:	DATE:	REVIEWED WITH RESPONDERS:	DATE:
PHYSICIAN REVIEWED:	DATE:	COMMENTS:	

APPENDIX B

LIST OF SITE COORDINATORS AND LOCATIONS

AED devices are placed in areas that are easily accessible and where periodic inspection of the AED will be facilitated. The following list of AED device locations is to be reviewed and updated annually.

AED	Serial Number	Building	Locations	Site Coordinator	Site Coordinator Phone
1		Seaver House (Alumni Relations)			
2		Outside Rose Hills Theatre (Smith Campus Center)			
3		Edmunds Ballroom (Smith Campus Center)			
4		Seaver Theater			
5		Seaver North (south entrance)			
6		Frank Dining Hall			
7		Frary Dining Hall			
8		Oldenborg Dining Hall			
9		Bridges Hall of Music			
10		Museum of Art			
11		Bridges Auditorium			
12		The Rains Center			
13		Pendleton Pool			
14		Haldeman Pool			
15		Mobile Unit (Athletic Department)			
16		Mobile Unit (Athletic Department)			
17		Mobile Unit (Facilities & Campus Services)			

Reference of Relevant Statutes, Laws and Regulations

California Health and Safety Code 1799.102

Known as the “Good Samaritan Law,” provides immunity from civil liability to a person who provides emergency care at the scene of an emergency.

For more information on the specified requirements in the bill, please visit

<http://law.onecle.com/california/health/1799.102.html>

California Civil Code, Section 1714.21 and Health and Safety Code, Section 1797.196.

These codes expanded the Good Samaritan Law to include use of an automated external defibrillator for the purpose of saving the life of another person in cardiac arrest.

For detailed information, please visit

<http://law.onecle.com/california/health/1797.196.html>

California Code of Regulations, Title 22, Division 9, Chapter 1.8.

California Code of Regulations, Title 22, Division 9, Chapter 1.8 defines the training standards and use of automated external defibrillators by non-licensed or non-certified personnel.

For detailed information, please visit http://www.emsa.ca.gov/laws/files/regs1_8.doc

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