

SANTA ANA POLICE DEPARTMENT

DAVID VALENTIN · CHIEF OF POLICE

TRAINING BULLETIN

"Education promotes professional and responsive law enforcement"

Automated External Defibrillator (AED)

Purpose

The purpose of this Training Bulletin is to educate Department personnel on the locations and use of the Automated External Defibrillator (AED) devices. AEDs are located in the police facility and in sergeant patrol vehicles.

Introduction

An Automated External Defibrillator is designed to be used in a cardiac arrest emergency. AEDs are located on each floor of the police facility and in the trunks of sergeant patrol vehicles. An AED is a device that analyzes the heart's electrical rhythm and, if necessary, prompts the operator to deliver a shock to a victim of sudden cardiac arrest. AED's may be used as a lifesaving aid on pulse less, non-breathing persons over the age of 8 years. Voice prompts guide the operator through its proper use.

I. Procedure for Use of the AED

Someone suffering from sudden cardiac arrest may be helped through the use of an AED. When using the AED, follow the below steps:

1. Call 911.
2. Check to see if the victim has a pulse and is breathing.
3. If the victim appears to be 8 years of age or younger, has no pulse and is not breathing, begin CPR. **Do not use the AED on a person 8 years of age or younger.**
4. If the victim appears to be over 8 years of age, has no pulse and is not breathing, you may use the AED.
5. Open the lid of the AED and place the lid under the patients shoulders as illustrated in the picture on the inside of the lid.
6. Press the ON/OFF button on the right side of the AED next to the handle.
7. Follow the voice prompts which will guide you through the placement of the electrode pads and operation of the AED. The AED will not operate if the system determines the patient already has a pulse.

8. When the medical emergency is over and you have finished using the AED, immediately turn it in to CDC. CDC will ensure the unit is sent to the Santa Ana Fire Department EMS Coordinator at Station 5 for service.

A training video on the use of the AED is available through the Training Division's video library.

II. Location of AEDs

AEDs are located on each floor of the police administrative building and in sergeant patrol vehicles.

1. **First floor**–North wall near the drinking fountains inside the Bruce Carlson Fitness Center
2. **Second floor**–North wall outside of the officer's report room
3. **Third floor**–North wall outside the copy room
4. **Fourth floor**–South wall outside the Driver Simulator room

Summary

The use of the AED on a pulse less, non-breathing person over the age of 8 years can be a valuable life-saving tool. The AED is designed to automatically guide the operator through the process with voice prompts and will not function if it detects the patient has a pulse. Whenever there is the necessity to use an AED, one must always activate the EMS system to ensure the patient receives proper medical care.

Acknowledgment:

Researched and prepared by: Sgt. Malcolm Lowery

Published Date: July 2009