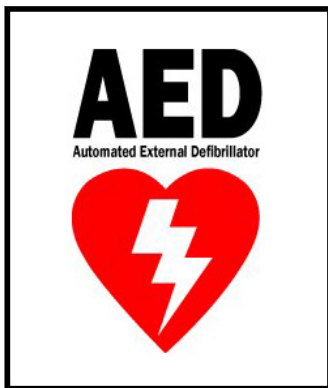


## BACKGROUND

Sudden Cardiac Arrest (SCA) claims over 350,000 lives in the United States each year. The most common cause of SCA is ventricular fibrillation, when the heart's electrical impulses become irregular and the heart is unable to pump oxygen-rich blood through the body. If left untreated, death occurs within minutes.

Because SCA is one of the leading causes of death in our nation, it is a major public health concern. Traditionally the ability to defibrillate outside of the hospital setting was solely the responsibility of EMS personnel. Survival was dependent on early activation of the 9-1-1 system and early arrival of EMS first responders.

Today, the new generation of Automated External Defibrillators (AEDs) makes it possible for the general public to provide defibrillation outside of the healthcare setting. These new AEDs are safe, effective, require low maintenance, and are easy to use.



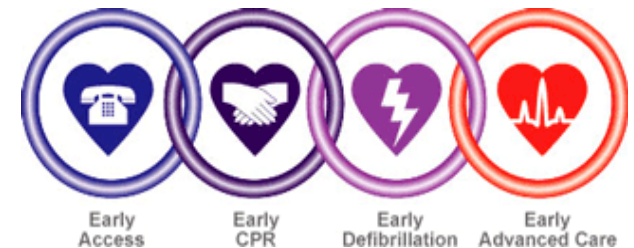
If you have any further questions about AEDs, including manufacturers, distributors, and training call Yolo County EMS Agency.



Yolo County  
Emergency Medical Services  
Agency  
137 N Cottonwood Street  
Woodland, CA 95695  
(530) 666-8645



# AED Program





## Statistics Support AEDs

Most of the people who die suddenly from cardiac arrest are outside of a hospital setting. Fewer than 7% of those who experience sudden cardiac arrest outside of a hospital setting will survive.

CPR and AEDs increase a person's chance for survival when used.

Chance of survival decreases 10% for every minute that passes. To be effective, defibrillation should be delivered within the first few minutes of collapse.



## Yolo County EMS Agency Supports AEDs

The Yolo County EMS Agency supports the placement of AEDs within the communities served by our EMS system.

## Early Defibrillation & CPR Saves Lives

Many lives are saved each year in Yolo County communities because of CPR and early defibrillation programs. More lives may be saved if the placement and use of AEDs is increased within our community.



## Where to place AEDs

- Anywhere large numbers of people visit, work or assemble.
- Places that are difficult for EMS first responders to reach: tall buildings, rural, or inside secure areas.
- Locations that have a higher incidence of cardiac arrest, such as golf courses, health clubs, gyms, and large industrial areas.
- On a school campus close to classrooms, gymnasiums, cafeterias, offices, parking lots and athletic fields.

## Elements of a AED Program

### All AED Programs must:

- Have a Medical Director—a physician or surgeon licensed in California who assures all program requirements are met and reviews use of the AEDs.
- Have a written Emergency Response Plan. A procedure to follow in the event of a sudden cardiac arrest. A template may be found on the YEMSA website.
- Have personnel trained in CPR/AED onsite during business hours.
- Assure the AED are maintained and in working order according to manufacturer recommendations.
- Notify Yolo County Emergency Medical Services Agency of the placement and any use of an AED. Registration and notification is free.



## Liability Protection

The California Health and Safety Code and Civil Code give liability protection to those who acquire an AED and abide by regulations and additionally covers the Medical Director and individuals who use AEDs in rendering emergency care.

