

Coral Gables Fire Department

Automated External Defibrillator

Program Update

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Fire Chief



What Are AEDs?

- **Automated External Defibrillators (AEDs) interpret the heart rhythm and then determine if a shock is required.**
- **The AED prompts the rescuer to deliver the shock, if necessary.**
- **An AED WILL NOT shock someone who does not need defibrillation.**



What is Sudden Cardiac Arrest?

- Cardiac arrest occurs when the heart stops abruptly and unconsciousness follows.
- Usually caused by **Ventricular Fibrillation** (abnormal, chaotic heart rhythm which causes the heart's pumping action to quickly stop).
- Results in death if not treated **immediately!**
The ONLY known solution for ventricular fibrillation is . . .

EARLY DEFIBRILLATION

The Impact of Sudden Cardiac Arrest

- **450,000 people die each year from sudden cardiac arrest - that is about 900 per day!**
- **90% of sudden cardiac arrests occur outside of the hospital**
- **Less than 5% survive**
- **If AEDs were more readily available, approximately 50,000 lives could be saved each year**



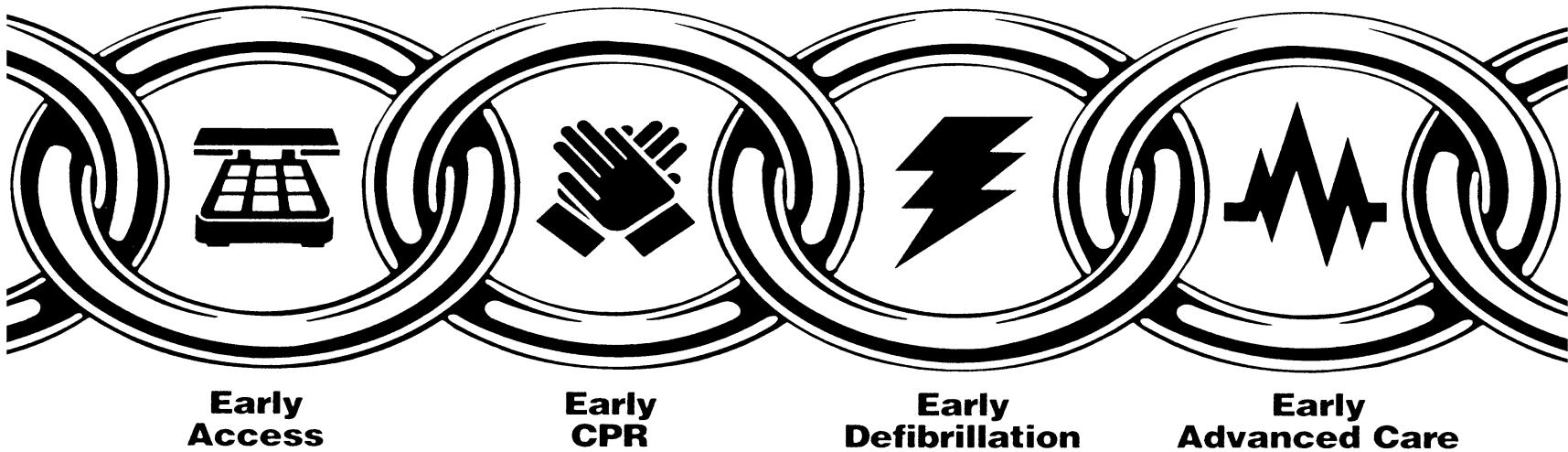
Where Do Most Sudden Cardiac Arrests Occur?

Most sudden cardiac arrests occur in the home, followed by public locations such as:

- **work sites**
- **airports**
- **churches**
- **event locations**
- **anywhere large numbers of people congregate**



What can we do to help?



**Be a Strong Link in the
Chain of Survival**

**Early
Defibrillation**

What About Liability?

Persons using an AED are covered by:

- **Florida's Good Samaritan Act**
- **Federal Cardiac Arrest Survival Act (Federal Buildings)**

City of Coral Gables Initiative

- **Coral Gables Ordinance (# 2007-21) requires the installation of AEDs in**
 - places of public assembly
 - office building > 20,000 sq. ft.
 - gyms, fitness centers & indoor recreational centers > 1500 sq. ft.
 - restaurants > 100 seats
 - commercial and retail occupancies > 35,000 sq. ft.
 - hotels and motels

Public Accessability



Current Status of the Program

- There are 250 buildings (estimated) in the City that meet the requirements for installation of an AED
- Approximately 110 AEDs have been installed in the City
- 15 City owned buildings are AED compliant

Education and Training

The City has taken the following steps to gain cooperative compliance:

- **distributed information flyers and pamphlets to required businesses and building owners**
- **advertised on E- News and the Coral Gables Television network**
- **provided information on availability of training classes**

Compliance Inspection Process

- Required buildings are identified
- Fire Department inspectors perform the inspection in conjunction with annual fire prevention inspections for compliance and maintenance
- Violators are given an opportunity to comply with the ordinance
- A follow-up inspection is conducted after a reasonable period of time
- If no corrective action is taken, the City's Code Compliance Office is notified for enforcement

Public Access Defibrillation Video

QUESTIONS?

