

Automated External Defibrillator (AED) Program

Purpose

Arkansas State University is committed to the safety of all students, faculty, staff, and visitors to campus. The purpose of the Automated External Defibrillator (AED) management program is to ensure that all AEDs on campus are maintained properly and are readily available to deliver potentially lifesaving defibrillation to victims of Sudden Cardiac Arrest (SCA). AEDs are intended to provide a bridge during the critical minutes between the onset of SCA and the arrival of Emergency Medical Services (EMS) personnel.

Definitions

An Automated External Defibrillator (AED) is an FDA approved medical device that is capable of recognizing the presence or absence of ventricular fibrillation or rapid ventricular tachycardia and is capable of determining, without intervention by an operator, whether defibrillation should be performed; and upon determining that defibrillation should be performed, automatically charges and requests delivery of an electrical impulse to an individual's heart.

AED owner is Arkansas State University.

Cardiopulmonary Resuscitation (CPR) is a procedure to support and maintain breathing and circulation for a person who has stopped breathing (respiratory arrest) and/or whose heart has stopped (cardiac arrest).

Emergency Medical Services (EMS) is typically an ambulance service that provides acute medical care and transports patients to a medical facility for more advanced treatment.

Sudden Cardiac Arrest (SCA) is a condition in which the heart suddenly and unexpectedly stops beating, stopping blood flowing to the brain and other vital organs. SCA usually causes death if not treated within minutes.

Scope and Applicability

This AED Management Program was created by the Environmental Health and Safety Department (EHS), to identify all available AEDs on campus and to ensure they are properly maintained. Any University department possessing AED(s) that are that are not registered with the Environmental, Health and Safety Department must do so as soon as reasonability possible. Any departments wishing to dispose of defective or obsolete AEDs shall dispose through proper channels as e-waste, by contacting the Environmental, Health and Safety Department

Duties and Responsibilities

AED Coordinator

The Safety and Emergency Management Director in Environmental Health and Safety (EHS) shall serve as the University AED Coordinator. The AED Coordinator shall be responsible for all the following tasks:

- Provide guidance, monitoring, and periodic reevaluation for this program.
- To provide oversight and technical assistance to all departments possessing AEDs.

- Maintain an inventory of University-owned AEDs and their locations.
- Inform emergency services of the location of all University-owned AEDs.
- Conduct and document semi-annual and annual inspections to verify that all AEDs are in compliance with this program.
- Act as a liaison between the University and manufacturers to assist with AED maintenance and compliance issues.
- Maintain inspection records and AED tracking database.
- Ensure operation and maintenance of each AED in complete accordance with regulatory requirements, manufacturers' recommendations and this program.

Authorized AEDs

EHS recommends the acquisition and use of the following AED:

- Zoll AED Plus, this unit and its pads are compatible with the equipment used by all emergency responders on the Arkansas State Campus.

In Case of an Emergency

When personnel on campus are notified of a medical emergency, they should call the appropriate emergency number to report the emergency:

- 911 from an on campus phone or cell
- 972-2093 University Police

The caller should provide authorities with the following information:

- Type of emergency,
- Physical street address of facility,
- Location of emergency,
- Phone number they are calling from,
- Further information as requested.

Someone should meet and direct emergency responders to the incident location.

Returning AED to Service after Use

After the use of an AED, it must be returned to the Department of Safety and Emergency Management. There, the following activities will need to be completed to return the unit to service:

- Check and replenish supplies as appropriate.
- Clean and disinfect the device.
- Check the device and housing for cracks or other damage.
- Return the AED to its designated location with appropriate supplies.