



Automated External Defibrillator (AED) Policy #1150.004

INITIAL EFFECTIVE DATE:	LAST REVISION DATE:	RESPONSIBLE UNIVERSITY DIVISION/DEPARTMENT
June 14, 2014	October 7, 2021	Environmental Health and Safety

POLICY STATEMENT

Florida International University (FIU) shall make AEDs (Automated External Defibrillators) available throughout its campuses. The Department of Environmental Health and Safety (EHS) will oversee and maintain the AED Program.

EHS is not responsible for the oversight and maintenance of any AED that is not part of the University’s official AED program.

No department or unit is authorized to purchase, install or maintain an AED device in any University facility without the written authorization of EHS’s Director or his/her designee. Unauthorized AEDs found on University campuses may be removed at the discretion of EHS. Exception will be made for the Faculty Health Practice and Student Health Services, who oversee their AED Programs, as well as the College of Medicine and the College of Nursing & Health Sciences, provided the use of AEDs is for the sole purpose of education and training of students.

LIABILITY PROTECTION & GOOD SAMARITAN LAWS

Florida and federal laws afford civil liability protection to users of AEDs and for those who obtain and maintain AEDs in accordance with the each of the cited authorities listed in the “Related Information” section of this policy.

No portion of this policy shall supersede the sound judgment of individuals using AEDs during a perceived medical emergency.

SCOPE

This policy applies to all departments and employees of Florida International University.



REASON FOR POLICY

Each year, a large number of adults die from cardiovascular disease in the United States. At least a quarter of those die of sudden cardiac arrest before they reach a hospital. Many of these lives can be saved if a person quickly phones 911 and begins Cardiac Pulmonary Resuscitation (CPR), and if trained provide defibrillation within minutes. FIU is committed to increasing the survival rate of those individuals who may be experiencing sudden cardiac arrest by providing awareness, encouraging training, and maintaining quality program management in Automated External Defibrillation.

DEFINITIONS

TERM	DEFINITIONS
Automated External Defibrillator	A lifesaving defibrillator medical device that meets the following conditions: <ol style="list-style-type: none"> 1. Is commercially distributed in accordance with the Federal Food, Drug and Cosmetic Act. 2. Is capable of recognizing the presence or absence of ventricular fibrillation and is capable of determining without intervention by the user of the device whether defibrillation should be performed. 3. Upon determining that defibrillation should be performed is able to deliver an electrical shock to an individual.
Defibrillation	The administration of a controlled electrical charge to the heart meant to restore a viable cardiac rhythm.
CPR	Cardiopulmonary Resuscitation is an emergency procedure for the person whose heart has stopped or is no longer breathing, consisting of chest compressions and mask-to-mouth resuscitation.
Perceived Medical Emergency	Circumstances in which the behavior of an individual leads a reasonable person to believe that the individual is experiencing a life-threatening medical condition that requires an immediate medical response regarding the heart or other cardiopulmonary functioning of the individual.
Sudden Cardia Arrest	A sudden or unexpected cessation of heart function most often caused by a sudden arrhythmia, such as Ventricular Fibrillation (VF); when the heart’s electrical impulses suddenly become chaotic and ineffective.
Victim	The individual who is experiencing a perceived medical emergency.

ROLES AND RESPONSIBILITIES

Environmental Health and Safety (EH&S):

- a. Provides AED Program Coordination.
- b. Designates a licensed Medical Professional who will provide oversight to the AED program.
- c. Determines the number, locations, placement, and access system for AEDs with the consultation of the oversight medical professional.
- d. Oversees maintenance of AEDs; periodic inspection and testing of the AED units; provides and restocks supplies and accessories as needed.
- e. Maintains an inspection log for purposes of reporting loss or damage to an AED or signs of AED inoperability or malfunction.
- f. Inventories AEDs and records their locations, which will be made available to the University Police Department, the local emergency medical services (911 Dispatch), and the general public.
- g. Establishes the AED Quality Assurance (QA) requirements in the FIU Automated External Defibrillator (AED) Program.
- h. Oversees training required for completion of a course in cardiopulmonary resuscitation (CPR) and use of an AED.

Medical Professional:

- a. The designated Medical Professional (MP) will oversee medical control, program development, and implementation of the AED program.
- b. An AED can only be obtained by a prescription from a licensed physician. The prescription must be made by the University's designated MP through EHS.
- c. In conjunction with FIU Police Department and Environmental Health & Safety the MP is responsible for establishing response procedures, as well as a quality improvement plan.
- d. Contact information for the MP will be contained in the "Medical Oversight" section of the FIU Automated External Defibrillator (AED) Program.

Responsibilities for Departmental AED User shall include:

- a. Compliance with the requirements of this policy and procedures outlined in the FIU Automated External Defibrillator (AED) Program.
- b. Successful completion of CPR and AED training and retraining.
- c. Following all post-AED reporting and quality management procedures as outlined in the FIU Automated External Defibrillator (AED) Program.

Other FIU Personnel:

- a. FIU personnel should complete an AED/CPR training course prior to using an AED on an individual who is perceived to be experiencing cardiac arrest.



- b. However, pursuant to Florida law, in a perceived emergency, any person, with or without certification or training, at their own discretion, under extreme circumstance where no trained personnel are immediately available, may voluntarily use an AED for the purpose of saving the life of another person in cardiac arrest.

University Police Department:

- a. Responds to calls of AED usage pertaining to medical emergencies.
a. b. Coordinate's incident response with the local emergency medical services (911 Dispatch).

RELATED RESOURCES

Florida International University (FIU) Automated External Defibrillator (AED) Program
Florida Statutes: Automated External Defibrillators (§ 401.2915);
Cardiac Arrest Survival Act (§ 768.1325); Good Samaritan Act (§ 768.13)
Guidelines for Automated External Defibrillators (AED) in State Owned or Leased Facilities (64J-1.023)
Cardiac Arrest Survival Act (CASA: 42 USC 201

CONTACTS

In a perceived medical emergency contact FIU police (305-348-5911) or (7-5911) from any University phone or (911), providing specific location of the emergency.

Questions about this policy should be directed to the Department of Environmental Health and Safety (305-348-2621) and/or the University Safety Officer (305-348-0170).

HISTORY

Initial Effective Date: June 27, 2014

Review Dates (*review performed, no updates*): January 9, 2024

Revision Dates (*updates made to document*): April 29, 2021, October 7, 2021



Automated External Defibrillator (AED) Procedure #1150.004

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PROCEDURE STATEMENT

FIU Automated External Defibrillator (AED) Program:
(FIU CPR/ AED Public Service Announcement Video) <https://youtu.be/GjKCail-2ro>

These procedures were created based on American Red Cross and/or American Heart Association guidelines.

1. In a perceived medical emergency in which an individual is experiencing a life-threatening cardiovascular medical condition, you should immediately dial the University Police Department (305) 348-5911 or alternatively, 911. Provide the nature and specific location (address if known, campus, building name, floor or other geographic descriptors) of the emergency.
2. The use of 911 to report a medical emergency may delay the response of trained on-campus personnel familiar with campus locations and should therefore be used as a secondary contact for emergency medical services response.
3. Assure that circumstances leading to the emergency no longer pose a threat to you or other bystanders.
4. If others are present, direct them to meet emergency responders to assist in quickly locating the victim.
5. Proceed to administer CPR (if necessary) and medical first aid in accordance with the level of training possessed.
6. If the victim is non-responsive and not breathing and shows no signs of circulation, you should retrieve the nearest AED from within a white AED marked cabinet (normally on 1st floor, near main entrance or main elevator of occupied buildings).
7. Once at the victim’s side open the AED case, turn device on and follow the audible instructions provided by the AED as you apply pads. Pictographic instructions for activating the device and placing the pads can be found on the inside of the cover.
8. If a second person is available, CPR should not be interrupted while the AED is being retrieved and applied.
9. In the absence of equipment meant for use on victims weighing less than 55 pounds (small children/infants) or less than 8 years of age the use of an adult AED is permitted

by nationally recognized standards. It is appropriate for these victims to apply defibrillator pads to the chest and back. The right shoulder pad may be placed in the center of the chest with the other pad in the center of the back.

Hands Only CPR

Before Giving CPR

1. Check the scene and the person. Check to make sure the scene is safe, tap the person on the shoulder to see if they're OK, and look for signs of rhythmic, normal breathing.
2. Call 305-348-5911 or 911 for assistance. If there's no response from the victim when asked if he or she is OK, call 911, or ask a bystander to call for help.
3. Begin compressions. If the person is unresponsive, perform hands-only CPR.

How to Perform Hands-Only CPR

1. Kneel beside the person who needs help.
2. Place the heel of one hand on the center of the chest.
3. Place the heel of the other hand on top of the first hand, then lace your fingers together.
4. Position your body so that your shoulders are directly over your hands and keep your arms straight.
5. Push hard, push fast. Use your body weight to help you administer compressions that are at least 2 inches deep and delivered at a rate of at least 100 compressions per minute. (Just be sure to let chest rise completely between compressions.)
6. Keep pushing. Continue hands-only CPR until you see obvious signs of life, like breathing, another trained responder or EMS professional can take over, you're too exhausted to continue, an AED becomes available, or the scene becomes unsafe.

To see how to perform hands-only CPR, watch our **video**. <https://youtu.be/-Yqk5cHXsko>

How to Use an AED

Step by step instructions for using a defibrillator on an adult:

1. Confirm that the patient is experiencing cardiac arrest (no breathing, unconscious).
2. Turn on the AED. This is achieved by lifting the lid and/or pressing an "On" button.
3. Expose the patient's chest and apply the pads to their bare skin. Use the diagram on each pad as a guide.
4. Connect the pads to the defibrillator if they are not already connected.

5. Stand clear of the patient while the AED searches for a shockable rhythm.
6. Follow the AED's audible instructions. Press the "Shock" button only if instructed or allow the AED to shock automatically for automatic AED models.
7. When shock is complete (or if shock is not recommended), perform CPR until emergency services arrive or the patient regains consciousness.
8. After 2 minutes of CPR, the AED may again prompt you to stop CPR to analyze, potentially resulting in additional shocks. Continue to follow the AED prompts, with 2 minutes of CPR between each analysis, until emergency services arrive.