



# University of New Haven

## POLICIES AND PROCEDURES

**Policy Title:**

### **Automated External Defibrillator (AED)**

**Policy No.:** 8219

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**Responsible Office:** Department of Public Safety

**Responsible Official:** Associate VP of Public Safety and Administrative Services

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*Introduction:*

### **Policy Statement**

The University of New Haven is committed to the health and safety of its students, faculty, staff, and visitors to our campus community. The purpose of this policy is to allow for safe maintenance and use of AEDs installed on campus. Anyone on the University of New Haven Campus is urged to become familiar with defibrillator locations. All campus maps are periodically updated to show the latest AED locations. Click [here](#) to view current locations. The interactive map can also be located by going to the Public Safety page on myCharger and selecting Automatic External Defibrillator Locations under Directory.

Additionally, AED locations can be viewed on the LiveSafe application available for all smartphones. Emergency devices can be found by navigating to the 'Resources' tab and selecting 'Safety Map'.

## Reason for the Policy

Each year, more than 250,000 Americans die from sudden cardiac arrest. According to medical experts, the key to survival is timely initiation of a "chain of survival", including CPR (cardiopulmonary resuscitation). An Automated External Defibrillator (AED) is used to treat victims who experience sudden cardiac arrest and/or a heart attack. The AED must only be applied to victims who are unconscious and not breathing (however, when in doubt, attach the pads to an unconscious victim). Non-medical personnel can use these simplified electronic machines to treat a person in cardiac arrest. The American Heart Association notes that at least 20,000 lives could be saved annually by prompt use of AEDs.

### *The Policy Sections:*

## 8219.1 Definitions

1. **Cardiopulmonary Resuscitation (CPR)** - is an emergency medical procedure for a victim in cardiac or respiratory arrest. CPR involves physical interventions to create artificial circulation through rhythmic pressing on the patient's chest to manually pump blood through the heart, called chest compressions.

2. **Good Samaritan Laws** - in the United States are laws or acts protecting from liability those who choose to aid others who are injured or ill. They are intended to reduce bystanders' hesitation to assist, for fear of being sued or prosecuted for unintentional injury or wrongful death.

3. **Sudden Cardiac Arrest** - is the abrupt cessation of normal circulation of the blood due to failure of the heart to contract effectively during systole.

4. **Automated External Defibrillator (AED)** - a device used to treat victims who experience sudden cardiac arrest.

## 8219.2 Roles and Responsibilities

Department of Public Safety and Facilities Department

1. Oversee the AED program including the acquisition, placement and maintenance on all University of New Haven properties.
2. Ensure that all AEDs are inspected according to manufacturer guidelines. Document and maintain all inspection records for the lifetime of the equipment.
3. Public Safety will evaluate and approve AED/CPR training programs.

## **8219.3 Procedure**

1. A person in cardiac arrest will have the greatest chance for survival if you follow the four following links in the Cardiac Chain of Survival:
  - A. Early recognition and early access to the emergency medical services (EMS) system.
  - B. Early CPR
  - C. Early defibrillation
  - D. Early advanced medical care

Each minute that CPR and defibrillation is delayed, the chance for survival is reduced by about 10 percent. (American Red Cross).

2. Automatic External Defibrillators, where available around campus, may be used in emergency situations when sudden cardiac arrest occurs. Individuals who are trained in the use and operation of the AED, should use the nearest device available.
3. AEDs have been placed in accessible locations around the University of New Haven campus and will be inspected in accordance with the operational guidelines of the manufacturer by Department of Public Safety or designee.
4. Emergency Medical System should be activated immediately upon the discovery of a situation in which the use of an AED is anticipated. Activation should be made by calling **911** or 7070 from a campus telephone. The activation of EMS should not be delayed due to the actual or anticipated use of an AED.
5. Anyone interested in becoming trained in CPR and AED usage should contact the Department of Public Safety at (203)932-7010.

### **After AED Has been used:**

1. The AED will be removed and given to the responding University of New Haven Police Officers or Public Safety Official.
2. After using an AED, Public Safety, will take the unit out of service and follow the manufacturer's instructions for disinfecting and testing of the unit prior to placing the AED back into service.

## 8219.5 Maintenance and Inspection

All defibrillators on campus perform a self-test every day when a battery is installed. In addition to these self-tests, all defibrillators are checked periodically, but not less than once per quarter. Documentation of the inspections shall be recorded electronically using the IMEC Safety Inspection Program. Records are available upon request, and reviewed by the Environmental, Health and Safety Department. Each device must answer the following questions to satisfy a successful inspection:

1. Verify expiration date on Adult pads (Pass= Pads expiring ↑ 90 days, Fail= Pads expiring ↓ 90 days).
2. Did AED pass the self-check (Does the green light blink?).
3. Battery Expiration Dates? (Pass= Battery expiring ↑ 90 days, Fail= Battery expiring ↓ 90 days).
4. Verify expiration date on Pediatric pads OR Is there a pediatric key? (Pass= Pads expiring ↑ 90 days or Key, Fail= Pads expiring ↓ 90 days).
5. Is there at least 1 shaver? (Pass or Fail)
6. Is there a CPR mask? (Pass or Fail)
7. Is there a Carrying Case? (Pass or Fail)
8. Is there any damage to the Case, AED, Cabinet, etc.? (Pass or Fail, if Fail, take a picture)

Any problems or questions concerning defibrillators on any University of New Haven campus should be directed to [creed@newhaven.edu](mailto:creed@newhaven.edu) or by dialing 203-932-7010.

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**This Policy's Contact Person:**

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