

<b>University of Pittsburgh Safety Manual</b>		EH&S Guideline Number: <b>01-017</b>	
Subject: <b>AUTOMATED EXTERNAL DEFIBRILLATOR (AED) GUIDELINES</b>		Effective Date 03/06/17	Page 1 of 6

### **AUTOMATED EXTERNAL DEFIBRILLATORS (AED)**

Each year in the United States there are about 10,000 sudden cardiac arrests at work. These government statistics also reveal that waiting for the arrival of emergency medical personnel results in a 5-7% survival rate, while immediate defibrillation (within 3-5 minutes) can increase survival rates significantly.

The University of Pittsburgh Police Department has equipped each of its patrol cars with an AED. Each University Police Officer has been trained in CPR and the use of the AED. Once an emergency call is placed on campus, a University Police Officer will arrive at the scene within minutes.

In the event that you identify an individual on Campus who appears in need of emergency medical attention, contact the University Police at 412-624-2121. In addition to dispatching a University Police Officer, the University Police will contact City of Pittsburgh Emergency Medical Services.

Even though access to AED's across the Pittsburgh Campus is adequate via the University Police, there are certain buildings on campus, which are equipped with AED's. These are facilities where large numbers of individuals may be assembled, or high-rise buildings where response time is hindered by elevator access.

As public awareness of the AED increases, your department or building may receive requests for AED access. Please inform requesting parties of this information.

The Department of Environmental Health and Safety is available to answer questions regarding AED's. Any University of Pittsburgh department or school considering procurement of an AED is strongly encouraged to contact the Department of Environmental Health and Safety (412-624-9505).

The following guidelines must be carefully reviewed prior to making an independent decision regarding procurement of an AED for your building, department or school. These guidelines are based upon requirements defined in PA Title 42, Section 8331.2 "Good Samaritan Civil Immunity for Use of Automated External Defibrillators" and AED manufacturer recommendations. Any University of Pittsburgh department or school considering procurement of an AED is strongly encouraged to contact the Department of Environmental Health and Safety (412-624-9505). EH&S will provide direction on AED procurement and assist in maintaining the AED as described below.

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- 1 If an AED is placed in a building by a school or department, the school or department should designate a volunteer emergency response team with a minimum of five building occupants.
- 2 Any employee expected to use an AED as part of their employment, such as Pitt Police Officers and Athletic Department trainers must be trained in CPR and the use of an AED consistent with either Red Cross or American Heart Association guidelines
- 3 It shall be the responsibility of the building's emergency response team or their designee to check the AED for integrity *each day* the building is open for business. This involves verification that the AED is present and fully charged for service
- 4 If an AED is placed in a building by a school or department, it is the responsibility of the school or department to notify all building occupants as to the location of the AED. Building occupants must also be informed that in the event of a sudden cardiac arrest, they should contact the University Police at 412-624-2121 to request emergency medical services BEFORE administering assistance with the AED
- 5 If an AED is placed in a building by a school or department, the presence of the AED should be incorporated into any existing emergency response plan for the building. The plan should identify the AED location, the building's emergency response team and the protocol on emergency services notification. The plan should be reviewed annually and revised accordingly by the department or school providing the AED
- 6 All AED's should be placed in areas readily accessible to the public. All AED locations shall be conspicuously identified
- 7 All AED's shall be equipped with adult electrodes, which must be replaced prior to expiration. If a significant number of young children regularly utilize a facility, pediatric pads should be considered.
- 8 All AED's should be stored in cases with transparent front panels. This permits easy inspection of the units. It is also recommended that the case be equipped with a local audible alarm that signals when the equipment is accessed. Procurement and installation of the AED, electrodes, signage and storage case shall be the responsibility of the department.

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- 9 All AED's at the University of Pittsburgh must be registered with the Department of Environmental Health and Safety, so that an inventory of AED's on campus can be maintained and compliance with regulatory and training requirements can be assured. EH&S will perform annual integrity checks of AED's in campus buildings and audits of response team training.
  
- 10 A prescription from a credentialed physician is required to purchase an AED. EH&S can assist with the obtaining the necessary prescription.
  
- 11 For consistency and standardization, it is recommended that all AED's for placement at the University be manufactured by Cardiac Sciences. The University pricing for AED's is significantly less than current market prices and they are available through the Panther Buy program. The process for purchasing an AED's and AED accessories in the PantherBuy system is quick and easy. Fisher Scientific has created a "Hot List" of all AED Program approved AED's and accessories. The PantherBuy website has all the details.  
<http://www.pantherbuy.pitt.edu/ehs.php>
  
- 12 All AED's must be tested and maintained according to the manufacturer's guidelines. For equipment manufactured by Cardiac Sciences, EH&S will provide and document the annual integrity check, as indicated above. For equipment other than Cardiac Sciences, all testing and maintenance must be documented and shall be the responsibility of the department or school providing the AED.

AED's are located in the following areas on campus:

<b><u>BLDG</u></b>	<b><u>Floor</u></b>
107 Park Plaza 128 N. Craig	Basement level
3343 Forbes Ave	Lobby
32 Oak Hill	lab
3512 5th Ave	Rm 105
Alumni	1st Floor
Athletics/FFH	Track
Barco Law	2nd Floor
Barco Law	4th Floor
Bellefield	Guard
Bellefield Pro Bldg	Suite 330
Bellefield Pro Bldg 4 <sup>th</sup> FL	Epidemiology
Bellefield Pro Bldg 4 <sup>th</sup> FL	Epidemiology
Bellefield Pro Bldg 4 <sup>th</sup> FL	Epidemiology

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Benedum	Library
Benedum	Lobby
Benedum	4th Floor
Benedum	6th floor
Benedum	10th floor
Benedum	8th floor
Benedum	3rd Floor
Benedum	
Benedum	sub basement
Benedum	2nd Floor
Bridgeside 1	Suite 210
Bridgeside Pt - EOH	
Bridgeside Pt 1	Suite 400
Bridgeside Pt. 1	Rm 470
Bridgeside Pt. 1	Rm 210
BST III	Guard
BST III	RBL
BST III	6th floor
C of L	Ground
C of L	18
C of L	33
Chancellors	
COST	Guard
Crabtree	Auditorium
Crabtree	2
Crabtree	4
Crabtree	6
Craig Hall	Lobby
Falk School	Lobby
Forbes Tower	4th Floor
Forbes Tower	5th floor
Forbes Tower	6th floor
Hillman Library	Lower Entrance
Keystone Bldg(3520 5th)	4th Floor
Melwood	Lunchroom
Mervis	Rm 106
Parran	1
Parran	3

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Parran	5
Parran	5 <sup>th</sup> lobby G23
Parran	114
Parran	Lab Pvln. 2 <sup>nd</sup>
Parran	Lab Pvln. 3 <sup>rd</sup>
Parran	7
Peterson	Guard
Peterson	Baierl
Peterson	Food Court
Peterson	Club Level
Peterson Sports	Family restroom
Posvar	5900
Posvar	5309
Posvar	4301
Posvar	2nd Floor
Rivertech 3820 South Water St	front desk
Salk 2078	Dental
Salk 309	Dental
Salk 440 - Dean	Dental
Salk B11	Dental
Salk G85	Dental
Salk IMS 3112	Dental
Scaife - 200	Falk Library
Sennott Sq.	Second Fl
Sennott Sq.	3506(lab)
Stephen Foster Theater	lower level
Student Health	500.31
Sutherland	cafeteria
Thackeray	127 hall
Towers (Market Central)	Bottom of stairs
Trees	Room 101
Trees	A149B
UCDC	Office
University Club	2nd floor
University Club	Fitness
UPARC	P.A. Pgm
Victoria	4th Floor
Victoria	3rd Floor

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Victoria  
Victoria  
WPU

2nd Floor  
1st Floor  
Lobby wall