

Monroe Public Schools
Automated External Defibrillator (AED) Policy

Defined

Automated External Defibrillator is a device that delivers an electrical charge to someone who is experiencing a life-threatening abnormal heart rhythm called “ventricular fibrillation”, also known as sudden cardiac arrest. The electrical charge is pre-set, and will only be administered by the device if ventricular fibrillation is detected. The device will not shock someone who is not experiencing this arrhythmia.

Indications for AED Use

The AED should be used only on a patient who is:

- Unconscious
- Not Breathing
- Has No Pulse

The AED should be used with caution if the victim has:

- Nitroglycerin patch on the chest (remove nitroglycerin patch carefully, then apply AED)
- Implanted pacemaker (pacemaker may interfere with rhythm analysis: Do not place electrodes directly over pacemaker)

Do not use an AED on children who weigh less than 55 pounds and/or are under 8 years of age (unless AED is approved for less than 55 pounds).

Responding to Emergencies

- Assess the scene for safety hazards such as electrical cords, hazardous or flammable gases, smoke and fire or wet surface.
- Assess unresponsiveness by tapping the victim on the shoulder and shouting, “Are you OK?”
- Notify main office of emergency situation and your location.
- Activate the Emergency Medical System by dialing **9-911**.
- Open airway and check for breathing and signs of circulation such as pulse, coughing or movement. Perform CPR as indicated until the AED arrives at the scene. Remember to verify that the victim is unconscious, not breathing and has no pulse before applying the AED.
- Turn on AED and follow voice prompts. Apply electrodes, stand clear of the victim and allow the AED to analyze heart rhythm. (It may be necessary to shave the chest for large amounts of body hair.)

If prompted by the AED, verify that the victim is clear and deliver shock.

If no shock is advised, follow prompts from AED. The AED will reanalyze after one minute.

- Upon arrival of EMS provide pertinent medical information about the victim.

Training Requirements for Rescuers

Any employee who is expected to provide emergency care will be trained in CPR and AED use. This training will conform to American Heart Association or American Red Cross standards. Trained rescuers will renew CPR and AED use every 2 years.

Act No. 173 amending the Michigan Good Samaritan Law does not stipulate training as it relates to the use of an AED. This law states in part "an individual who having no duty to do so in good faith voluntarily renders emergency services to another individual using an automated external defibrillator is not liable in a civil action for damages resulting from an act or omission in rendering the emergency services using the automated external defibrillator, except an act or omission that constitutes gross negligence or willful and wanton misconduct."

Should circumstances arise when trained rescuers are not available, it is an individual's decision to perform CPR and AED use on a victim.

AED Location

One AED will be located near the media center and a second AED will be in the athletic hallway.

The AED will be equipped with one pair of spare electrodes, one pair of latex gloves, CPR mask, scissors, towel, razor, and alcohol wipe.

Maintenance

The building facilitator will do weekly battery checks of the AED unit. A calendar will be placed with the AED and initialed at the completion of the weekly battery check.

The AED will be checked monthly for expiration dates on the defibrillator pads and batteries. The monthly checks will be documented on the AED calendar.

Post Event Review

An incident report should be completed and provided to the assistant superintendent of business and school nurses.

The AED will be cleaned according to manufacturer recommendations and any used items will be restocked. The building facilitator will be responsible for ordering AED supplies.

The response team will conduct an incident debriefing with the Oversight Physician to determine any deficient practices and opportunities for improvement.

AED INCIDENT SUMMARY REPORT

MONROE PUBLIC SCHOOLS

Today's Date _____ Date and Time of Incident _____

Person completing report _____ Phone # _____

Location: A Wing C Wing Gymnasium
 B Wing D Wing Other _____

Patient Information: Female Male Age _____

The event was: witnessed non-witnessed

Was CPR performed before the AED arrived?

- Yes
- No

If yes, CPR was performed by:

- School employee By-stander

Were shocks given?

- Yes If yes, total number of shocks _____
- No

Interval of time (in minutes) between initial 911 call and first shock:

- 0-4 4-8 8-12 12-16 >16

Type of trained first-responder rescuer:

- Fire EMS Law Enforcement

Did patient: Regain a pulse? Yes No
 Resume breathing? Yes No
 Regain consciousness? Yes No

Was patient: Transferred by EMS to hospital? Yes No
 Admitted to hospital? Yes No

Were there any problems encountered? _____

Please send completed form to the assistant superintendent of business and a copy to the school nurses.