

AUTOMATED EXTERNAL DEFIBRILLATORS

Sudden Cardiac Arrest is a condition that occurs when the electrical impulses of the human heart malfunction causing a disturbance in the heart's electrical rhythm called ventricular fibrillation (VF) which can result in sudden death. The most effective treatment for this condition is the administration of an electrical current to the heart by an Automated External Defibrillator (AED) delivered within a short time of the onset of VF.

Research has proven that immediate intervention increases a victim's chance for survival. Access to an AED can save lives.

The Holmdel Township Public Schools shall provide and maintain on-site in each instructional school facility functional cardiac automated external defibrillator (AED) equipment as defined in New Jersey AED Law (L.1999, c.34).

Each school nurse shall be recertified in CPR/AED use biannually.

All equipment and accessories necessary for use in a medical emergency response situation shall be properly maintained.

The school nurse or his/her designee shall be responsible for assuring equipment is properly maintained and that the battery is charged.

The AED shall only be used to treat victims who are eight years of age or older and who display all symptoms of cardiac arrest. If the victim is less than eight years of age or 55 pounds or less, the Infant/Child Reduced Energy Defibrillation Electrodes should be used.

Following use, all equipment shall be cleaned and/or decontaminated as necessary.

Following use of the emergency response equipment, a school injury report shall be completed. The original shall remain in the health office, with copies sent to the building administrator, superintendent's office and school physician.

Procedures During School Hours:

1. A person witnessing possible sudden cardiac arrest shall notify the school nurse.
2. The school nurse will bring the AED, oxygen and if necessary, begin CPR
3. The school nurse will designate other personnel to:
 - a. Call 911
 - b. Notify the Building Administrator
 - c. Wait for EMS and direct them to the victim



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4. If the school nurse is not available, the person witnessing the possible SCA shall notify the main office if not currently certified to operate an AED so a certified employee may be dispatched to the area or if certified, follow the procedures outlined for the school nurse.

Procedures for After School Hours

1. The person who witnesses a possible SCA shall designate someone to:
 - a. Call 911
 - b. Obtain AED and obtain AED and CPR procedure card
 - c. Initiate CPR and AED use as necessary
2. When the medical emergency has been turned over to EMS, the building custodian shall be responsible for returning the AED to its designated location. The custodian shall also be responsible for notifying the building administrator and school nurse of the event.
3. The school nurse shall contact the Holmdel police to obtain information pertaining to the event. The event shall be documented on a school injury report, which will be disseminated to the building supervisor, superintendent's office and school physician.

Authorized AED Users

An authorized school district employee shall be a trained individual who has successfully completed an approved CPR/AED training program within the last two years and has a current successful course completion card. These individuals may include but are not limited to: administrators, athletic directors, athletic trainers, coaches, office staff, faculty, support personnel.

Any person or entity who, in good faith, acquires or provides a defibrillator, renders emergency care or treatment by the use of a defibrillator or supervises such care or treatment and who has complied with the requirements of New Jersey AED Law (L.1999, c.34), shall be immune from civil liability for any personal injury as a result of such care or treatment or as a result of any acts or omissions by the person or entity in providing, rendering, or supervising the emergency care of treatment. The immunity provided shall include the prescribing licensed physician and the person or entity that provided the training in cardio-pulmonary resuscitation and use of the defibrillator.

Volunteer Responders

Anyone can, at their discretion, provide voluntary assistance to victims of medical emergencies. The extent to which these individuals respond shall be appropriate to their training and experience. These responders are encouraged to contribute to emergency response only to the extent they are comfortable. The emergency medical response of these individuals may include CPR, AED or medical first aid. Outside groups using our school buildings have permission to utilize the AEDs for medical emergencies

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Legal References: L.1999, c.34