

SENECA VALLEY SCHOOL DISTRICT

SECTION: OPERATIONS

TITLE: AUTOMATED EXTERNAL
DEFIBRILLATOR

ADOPTED: AUGUST 12, 2002

REVISED:

<p>1. Purpose</p> <p>2. Definitions</p> <p>3. Delegation of Responsibility</p>	<p style="text-align: center;">822. AUTOMATED EXTERNAL DEFIBRILLATOR</p> <p>The Automated External Defibrillator (AED) will enable trained responders in the school setting to deliver early defibrillation to victims in the first critical moments after a sudden cardiac arrest (SCA). Responders' use of the AED should not replace the care provided by emergency medical services (EMS) providers, but it is meant to provide a lifesaving bridge during the first few critical minutes it takes for the ambulance personnel to arrive. Upon arrival of the EMS providers, victim care should be transferred.</p> <p>Automated External Defibrillator – A semi-automatic, computerized medical device programmed to analyze heart rhythm, recognize rhythms that require defibrillation, deliver an electric shock if indicated, and provide visual and voice prompts to the device operator.</p> <p>Cardiopulmonary Resuscitation (CPR) – Rescue breathing and external cardiac compression applied to a victim who is not breathing and has no pulse.</p> <p>Defibrillation – Application of a brief, high-energy pulse of electricity to the heart muscle as a means of terminating certain potentially fatal arrhythmias.</p> <p>Emergency Medical Response Team (MERT) – A group of responders who have been trained to respond to medical emergencies.</p> <p>Emergency Medical System (EMS) – Community responder agency that provides medical assistance and/or ambulance transport in emergency events.</p> <p>Sudden Cardiac Arrest (SCA) – A significant life-threatening event when a person's heart stops or fails to produce a pulse.</p> <p>The system owner is Seneca Valley School District, who shall be responsible for:</p> <ol style="list-style-type: none"> 1. Selecting a Medical Director and Medical Emergency Response Team (MERT) members.
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2. Providing CPR and AED training according to American Heart Association standards for all MERT members.
3. Coordinating equipment and accessory purchase, deployment, and maintenance.
4. Reviewing and revising policy as needed.
5. Communicating with the Medical Director on issues related to medical emergency response, including post-event reviews.
6. Informing Butler County Emergency Services of deployment of AED's.
7. Maintaining applicable documents, including, but not limited to:
 - a. Training records of team members
 - b. AED Site Information Forms for EMS
 - c. AED Incident Reports
 - d. Post-Incident Critique Forms
 - e. Maintenance Checklist

The Medical Director of the AED program is responsible for:

1. Writing a prescription for the AED's.
2. Providing medical direction for use of AED's.
3. Reviewing and approving protocol for use of AED's.
4. Reviewing and evaluating post-incident documentation and data.

The AED may be used by:

1. All MERT members who have successfully completed training.
2. Any volunteer responder who has successfully completed an approved CPR + AED training program within the last two (2) years and has a current course completion card or who has been directed by emergency dispatch (911) personnel to obtain and use the available AED.

MERT members are responsible for:

1. Activating and/or responding to the emergency response system and providing prompt basic life support, including AED and first aid according to training and experience.
2. Transferring care of victim to EMS personnel upon their arrival at the scene.
3. Understanding and complying with the requirements of this policy and the AED protocol.

Volunteer responders are responsible for:

1. Providing voluntary assistance to victims of medical emergencies.
2. Contributing to emergency response to the extent they are comfortable, which may include CPR, AED, or medical first aid, or as directed by emergency dispatch personnel.
3. Transferring care of victim to EMS personnel upon their arrival at the scene.

The office secretaries are responsible for:

1. Receiving emergency calls from internal locations.
2. Contacting 911 as needed.
3. Deploying internal MERT members to the location of the emergency.
4. Assigning staff to meet EMS personnel and direct them to the site of the emergency.