MORRISVILLE BOROUGH SCHOOL DISTRICT

SECTION: OPERATIONS

TITLE: AUTOMATED EXTERNAL DEFIBRILLATOR (AED)

ADOPTED: November 14, 2007

REVISED:

	822. AUTOMATED EXTERNAL DEFIBRILLATOR (AED)
1. Purpose	An automated external defibrillator (AED) is used to treat victims who experience sudden cardiac arrest (SCA). It is only to be applied to victims who are unconscious, not breathing normally and showing no signs of circulation. The AED will analyze the heart rhythm and advise the operator if a shockable rhythm is detected. The AED will enable trained responders in the school setting to deliver early defibrillation to victims in the first critical moments after a SCA. Responders' use of the AED should not replace the care provided by EMS providers, but is meant to provide a lifesaving bridge during the first few critical minutes it takes for ambulance personnel to arrive. Upon arrival of the EMS providers, patient care should be transferred.
2. Guidelines	The AED system purchased by the district will be supported by a program that will include a Medical Emergency Response Team (MERT). An initial core team will be selected by the district. The school nurse will be the Program Coordinator.
	From the initial core team, the school nurse will establish smaller teams to service Grandview Elementary School, M.R. Reiter Elementary School and the middle- senior high school. These teams shall consist of staff members who work in these buildings.
	All members of the initial core team must be trained in CPR and have successfully completed the AED Certification Program. Thereafter, other interested staff and community members may volunteer to be part of MERT. All MERT members must be certified in CPR and AED by participating successfully in a nationally recognized training program, to use the AED on a victim. Written guidelines for emergencies related to the use of AEDs and CPR will be provided to all MERT members and annual training and re-training for new and current members will also be provided at the district's expense.
	The AED units are owned by the school district and will be located as follows:
	1. In Grandview Elementary School in the hallway opposite the library.
	2. In M.R. Reiter Elementary School in the main lobby.

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3. In the Morrisville Middle-Senior High School in "B" hallway Gym lobby and also at the intersection of "A" & "C" hallways.
An emergency response first aid kit will be kept with the unit and a portable phone will be kept readily available. AED units and phones will be checked by the Program Coordinator or his/her designee each working day for errors in function or tampering.
The AED may be used by all members of the MERT team who have successfully completed the training set forth above or any trained responder who has successfully completed an approved CPR course and AED training program and has a current successful course completion card.
In the event the AED is used on a victim of cardiac arrest, an incident report, on a form prepared by the Program Coordinator, will be filed with the Program Coordinator and a copy of the recorded files, downloaded from the AED, will be provided to the EMT service, and/or the victim's physician.
The Superintendent, in collaboration with the Program Coordinator, is charged with the responsibility of developing appropriate guidelines and protocols for use of the AED in the district. These guidelines and protocols will be reviewed by and approved by the school physician prior to distribution to MERT members.
The following resources will be used to establish and maintain an AED program to meet national standards:
1. Pa. Public Access Defibrillation Law Summary.
2. AHA & ARC AED Guidelines.
3. Medical emergency action plan.
4. Infection control procedure for occupational exposure to blood borne pathogens.
5. Good Samaritan Act providing immunity from liability exclusion.
The medical advisor of the AED Program is our school physician. The medical advisor of the AED Program is responsible for writing a prescription required to purchase AEDs and for reviewing and approving guidelines and protocols for emergency procedures related to the use of AEDs and CPR and for providing assistance and direction for the use of AEDs by staff.