

POLICE DEPARTMENT HANOVER PARK, ILLINOIS



DIRECTIVE: 264-P

REFERENCE STANDARDS:

SUBJECT: Automated External Defibrillators

PURPOSE: The purpose of this General Order is to define Department policy regarding the use, storage and maintenance of the Hanover Park Police Department's Automated External Defibrillators (AED).

POLICY: The AED has been demonstrated to improve the survival rates in cardiac arrest patients when used in conjunction with Emergency Medical Services. Defibrillation is a recognized means of converting lethal arrhythmias by delivering a brief, high-energy electrical pulse to the heart muscle.

It shall be the policy of the Hanover Park Police Department to prepare equipment and train officers and civilian staff in the use of the Automated External Defibrillator while assisting victims of cardiac arrest.

DEFINITIONS: Defibrillation: Administering an electrical impulse to an individual in order to stop ventricular fibrillation or rapid ventricular tachycardia.

Trained AED User: Means a person who has successfully completed a course of instruction in accordance with the standards of a nationally recognized organization such as the American Red Cross or the American Heart Association or a course of instruction in accordance with the rules adopted under 410 ILCS 525/4.

I. PROCEDURE

A. Equipment

1. The Hanover Park Police Department will utilize the Cardiac Science Power Heart G3 Plus. The case shall contain a defibrillator, and electrodes. A CPR pocket mask, rubber gloves, scissors and disposable razor will be used in conjunction with the AED.
2. Instruction and maintenance of the AED machine will be conducted in accordance with 410 ILCS 525/4.

POLICE OPERATIONS MANUAL

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VILLAGE OF HANOVER PARK

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B. Training

1. All designated Department personnel shall receive instruction in CPR and AED training in accordance with guidelines set forth by the American Red Cross or the American Heart Association.
 - a. It shall be the responsibility of the Deputy Chief of Operations or his designee, to ensure officers and employees are trained in the use of an AED unit.
 - b. A certified American Heart Associations (AHA) instructor, or other instructor as designated by the Chief of Police, shall train officers for AED operation.
 - c. Only those personnel trained in the use of the AED shall be authorized to use the AED. This training will be renewed every two (2) years.

C. Storage and Maintenance

1. Storage: The AED must be kept in a safe and controlled environment.
 - a. AED equipped vehicles will have AED storage bins or compartment and be marked with an AED decal on the rear of the vehicle.
 - b. If a vehicle is equipped with an AED device, the AED will be kept in the designated AED storage bin.
2. AED inspection procedure:
 - a. The AED units shall be inspected at the beginning of each shift. The officer will check to make sure the green indicator on the right side of the front of the handle is present.
 - b. On a monthly basis, the AED units shall be inspected by the Sergeant of Support Services or his designee.
 - c. Inspection shall include the following:
 - 1) The expiration date on the AED pads shall be checked.
 - 2) Open the lid and wait for the automated voice commands to start. Then the lid can be shut.
 - 3) Check to make sure that two sets of adult pads and one set of pediatric pads are enclosed in the back compartment of the case.
 - d. An inspection log, (Appendix A), shall be maintained within the AED storage location to document monthly inspections and maintenance.

D. Implementation

- a. Equipment shall be used in accordance with training.

E. Operation

- a. If the victim is unresponsive, open the airway.
- b. If the victim is not breathing but has a pulse, perform CPR as trained.
- c. If the victim is without a pulse, turn on the AED and follow the voice instructions.

F. Post Use

- a. Turn off the AED.
- b. Take the AED out of service and turn it over to the on duty supervisor until the AED can be downloaded by the Fire Department EMS Battalion Chief.
- c. Obtain new pads from the Fire Department.
- d. Complete the Post-Use form (Appendix B) and forward to the Deputy Chief of Operations. The Deputy Chief of Operations or his designee will be responsible for ensuring that the forms are properly filled out.