

# Little Creek Volunteer Fire Company, Inc.

Sta. 54

P.O. Box 327  
311 Main St.  
Little Creek, DE 19961

## Standard Operating Guideline - 98-18 Standard Operating Guideline & Automatic External Defibrillator Protocol

**Purpose:** To ensure proper care of all cardiac arrest patients and to establish guidelines on the proper use and care of the Heart Stream Forerunner Semi-Automatic External Defibrillator.

**Scope:** All fire department members.

1. Personnel responding to a cardiac arrest will wear full turnout gear. Only after permission from the Fire Officer in Charge may anyone remove any turnout gear.
2. All personnel responding to a cardiac arrest will wear protective latex gloves. **NO EXCEPTIONS.**
3. Upon arrival the crew will exit the unit with the oxygen unit, and the suction unit. Only if there is a SAED provider on board will the SAED be removed from the oxygen bag
4. Upon initial assessment the crew will determine if the patient is:
  - a) Unresponsive
  - b) Has no pulse and is not breathing
5. If all conditions exist, CPR will be initiated immediately. Ensure the airway is present and ventilators are adequate.
6. Connect the patient to the SAED. Do not delay for the purpose of placing airway devices such as oral airways, oxygen, or bag valve masks.
7. Stop CPR, clear away from the patient, and initiate analysis of the patient's cardiac rhythm. If the SAED determines defibrillation is required, the unit will automatically charge to the manufacturer's specifications and prompt the provider to deliver the shock. It is the SAED provider's responsibility to ensure everyone is clear from the patient prior to initiating the shock. Press the shock button.
8. The SAED will automatically reanalyze the patient and prompt the SAED provider to deliver a second shock. Again, the SAED will automatically reanalyze the patient and prompt the SAED provider to deliver a third shock.
9. If no pulse is present, perform CPR for one minute. At the end of such time the SAED will prompt the SAED provider to stand clear and automatically reanalyze the patient. If indicated, the SAED will charge and prompt the SAED provider to defibrillate the patient.
10. The SAED will automatically reanalyze the patient and prompt the SAED provider to deliver a second shock. Again, the SAED will automatically reanalyze the patient and prompt the SAED provider to deliver a third shock.
11. If no pulse is present, continue CPR. Do not attempt to perform any additional defibrillation.

12. If a BLS ambulance is on scene, but no ALS, load the patient and transport to the nearest hospital with SAED in place.
13. Once ACLS has arrived, the data will be downloaded and the report will be given to the ALS crew.
14. Upon returning to the station, the Officer in Charge must note the equipment used and replace said equipment on the apparatus. Additionally, the OIC will contact the Company AED coordinator to insure a data management form is forwarded to OEMS.
15. The Company AED coordinator will provide the OEMS with all paperwork within 72 hours of any event.