

MOBILE DIABETES CENTER POLICY AND PROCEDURE

SUBJECT: AUTOMATED EXTERNAL DEFIBILLATOR POLICY– STUDENT/FACULTY/HEALTHCARE PERSONNEL

EFFECTIVE DATE: 1/17

REVIEWED/REVISED DATE: 1/17, 3/18, 9/20

PURPOSE: To provide a consistent process for the placement, training and maintenance of AEDs that will lead to an organized, efficient and effective emergency response plan for a cardiac arrest situation.

MAY BE IMPLEMENTED BY: All MDC participants

Responsibilities:

- a. All faculty, students and volunteers that participate in the Mobile Diabetes Center will be prepared through appropriate maintenance, training and demonstration on the use of the HeartStart FR2+ Defibrillator.

PROCEDURE:

1. IMMEDIATELY UPON ARRIVAL, CHECK THE SCENE FOR SAFETY AND VERIFY SUDDEN CARDIAC ARREST.
2. Verify consciousness.
3. If victim is unresponsive, call or have someone call 911 and obtain AED equipment.
4. Apply appropriate medical equipment.
5. Assess for breathing and check for pulse.
6. Begin CPR and continue until AED arrives.
7. As soon as AED arrives:

8. Press the On/Off button to turn on the HeartStart FR2+ Defibrillator. Follow commands provided by voice and on screen text.
9. Remove clothing from the patient's upper body. Making sure to remove excess hair and moisture from the chest where the pads will be placed.
10. Open the defibrillator pads package. Pull off the protective backing from the defibrillator pads. IF THE PATIENT APPEARS TO BE UNDER EIGHT YEARS OF AGE OR 55 POUNDS, USE INFANT/CHILD REDUCED-ENERGY PADS, if available.
11. Do not delay treatment to determine the child's exact age/weight.
12. Place the sticky side of each pad on the patient's bare skin. One pad will go on the right upper quadrant of the rib cage, the other pad will go on the left lower quadrant of the rib cage under the left nipple as shown in the diagrams on the pads.
13. If using the infant/child reduced energy pads place one pad over the breastbone and one pad directly opposite of the pad on the front of the body on the back.
14. Insert the defibrillator pads connector firmly into the defibrillator's connector socket. This is indicated by a flashing light at the top left of the FR2+.
15. Follow the instruction provided by the FR2+ Defibrillator's voice and text prompts.
16. The defibrillator will analyze the patient's heart rhythm, if pads are placed properly. DO NOT TOUCH THE PATIENT WHILE THE DEFIBRILLATOR IS ANALYZING HEART RHYTHM.
17. If no shock is advised, the FR2+, will prompt you to begin CPR. The FR2+ will automatically start a timer to reanalyze the patient's heart rhythm.
18. If shock is advised, the FR+ charges to prepare for shock delivery. Make sure no one is touching the patient or the pads. Press the Shock button, a voice prompt tells you the shock was delivered.
19. There are four ways you can tell that the defibrillator is ready to deliver a shock.
 - a. You hear a voice prompt telling you to deliver a shock.
 - b. You see the Shock button flashing.
 - c. You hear a steady tone.
 - d. You see a text prompt telling you to press the orange (Shock) button.

20. Resume CPR immediately after shock delivery until you hear a prompt telling you to stop or emergency personnel has arrived and taken control of the situation.

MAINTENANCE:

21. Once a calendar month, the FR2+ will have a system check conducted and documented.
The system check will include:
 - a. Emergency Kit supplies.
 - b. AED battery life.
 - c. AED operation and status.
 - d. Pad expiration date.

COMPETENCY:

22. All faculty, students and volunteers that participate in the Mobile Diabetes Center shall be required to achieve and maintain skills deemed necessary to participate in an emergency cardiac situation.
23. All faculty, students and volunteers that participate in the Mobile Diabetes Center will be required to achieve and maintain Basic Life Support Certification according to the American Heart Association standards.
24. All faculty, students and volunteers that participate in the Mobile Diabetes Center will complete annual skills competency testing on the use of the FR2+.