

BOROUGH OF GLEN ROCK
DEPARTMENT OF PARKS AND RECREATION



AUTOMATED EXTERNAL DEFIBRILLATOR
PROGRAM PROTOCOL

Please view the following protocol for the usage of a Borough of Glen Rock Automated External Defibrillator (AED) on a Borough of Glen Rock or Glen Rock Board of Education Athletic Field.

PURPOSE

- To establish an Emergency Action Plan (EAP) for responding to a cardiac arrest emergency on a Borough of Glen Rock or Glen Rock Board of Education Athletic Field.

EDUCATIONAL INFORMATION

- **AWARENESS TO ALL COACHES & PARENTS:**
 - Risk of sudden cardiac arrest emergencies in athletes is due to an underlying cardiac abnormality or commotio cordis, sudden blow to the chest directly above the heart at a critical time during the cycle of a heartbeat.
 - Each Recreational Athletic Organization is responsible for making coaches and parents aware of sudden cardiac arrests risks to athletes. This should be done at the start of each season and on an annual basis.

AED ACCESS & LOCATIONS

- **AED ACCESS:**
 - All AED units are centrally located throughout all Athletic Field Complexes. Please familiarize yourself with the exact locations prior to the start of each season. In addition, please inform all visiting teams' proper protocol and unit locations.
 - All AED Units will be removed from the Athletic Fields during the winter season for maintenance and proper storage. All AED units will be removed starting no earlier than November 15, and no later than December 1 (WEATHER PERMITTING) and will be returned no earlier than March 15, no later than March 30 (WEATHER PERMITTING).

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AED ACCESS & LOCATIONS (CONTINUED)

➤ **AED LOCATIONS (Borough of Glen Rock Owned Facilities):**

- **Wilde Memorial Park:** Installed on fencing next to Main Entrance.
- **Upper Faber Athletic Field:** Installed on fencing along 3rd base side.
- **Lower Faber Athletic Fields:** Installed on Recycling Center fencing, facing Lower Faber 'A'.
- **Sycamore Athletic Field:** Installed on Batting Cage.
- **Main Street Athletic Field:** Installed on Batting Cage.

➤ **AED LOCATIONS (Board of Education Owned Facilities):**

- **High School Athletic Fields (2 units):** Installed on All Purpose Field Snack Stand (1 unit).
Installed on baseball fencing, along 1st base side.
- **Hamilton Athletic Fields (2 units):** Installed on Hamilton Snack Stand, Bathroom Entrance (1 unit).
Installed on Hamilton B, along 1st base side.
- **Coleman Athletic Fields:** Installed on rear exterior of School, facing Athletic Fields.
- **Central Athletic Field:** Installed on fencing, along 1st base side.
- **Byrd School Playground:** Installed on rear exterior of School, facing Playground.

EMERGENCY SERVICES RESPONSE PLAN ACTIVATION

➤ **EMERGENCY SERVICES NOTIFICATION**

- Once notified of an emergency immediately call "911" to initiate all public safety agencies. The caller should inform the "911" operators of the following information:
 - Type of emergency (including who, what, when, and where).
 - Address of facility.
 - Location of emergency within facility.
 - Phone number they are calling from.
- Further information requested from "911" operator.

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EMERGENCY ACTION PLAN PROCEDURES

1. **ASSESS SCENE SAFETY:**

- Is the scene free of any and all hazards?
 - Rescuer must make sure there are no hazards or dangerous situations to them. Some examples are:
 - Electrical dangers (downed power lines, electrical cords, etc.)
 - Chemical (hazardous gases, liquids or solids, smoke)
 - Harmful people (anyone that could potentially harm you)
 - Traffic (make sure you are not in the path of traffic)
 - Fire / Flammable Gases (medical oxygen, cooking gases, etc.)

2. **RESPONSIVENESS OF PATIENT:**



Unresponsive



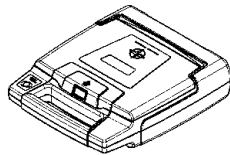
Not Breathing

3. **RETRIEVAL OF AED MACHINE & PERSONAL PROTECTION EQUIPMENT (PPE):**

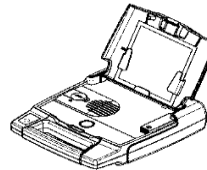
- Please retrieve the AED Machine from the Outdoor Housing Cabinet as soon as possible.
- Protect yourself by using the Personal Protection Equipment provided in the AED's 'Ready Kit'.

4. **ACTIVATE AED MACHINE BY OPENING LID:**

- Opening lid "turns on" the AED.



Lid Closed = Unit Off



Lid Open = Unit On

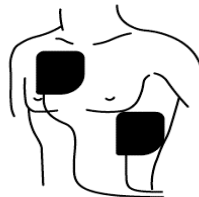
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EAP PROCEDURES (CONTINUED)

5. **FOLLOW VOICE PROMPTS:**

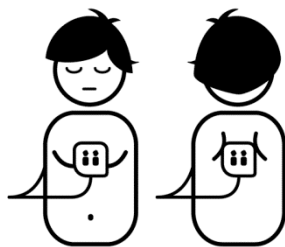
- Place pads on appropriate location on victim.
 - AED will prompt the rescuer as follows: "Tear open package and remove pads."
 - Afterwards, AED will prompt the rescuer as follows: "Peel one pad from plastic liner."
 - Once pad is peeled, AED will prompt: "Place one pad on bare upper chest" two times.
 - Once first pad is placed on victim, AED will prompt the rescuer as follows: "Place second pad on bare chest as shown." Rescuer should place the second pad as shown on pad diagram.
 - Please see below pad diagram for exact placement. Pad diagram is also located on the packages of each pad.



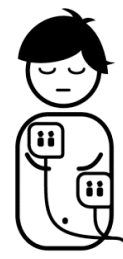
Proper Placement of Pads (Adult Victim)

6. **FOR PATIENTS UNDER YEARS OF AGE OR WEIGHS LESS THAN 55LBS (25KG):**

- Use Pediatric Attenuated Defibrillation Electrodes (pads) model #9730. Therapy should not be delayed to determine the patient's exact age and weight. **If no Pediatric Attenuated Defibrillation Electrodes (pads) models #9730 are available please use same electrodes as per adult victim.**
 - Locate pediatric electrodes stored with AED.
 - Open pediatric electrodes.
 - Peel one electrode and place as shown on electrode diagram.
 - Peel second electrode and place as shown on electrode diagram.
 - Connect electrodes to AED.
 - Please see below pad diagram for exact placement.



Standard Pads Placement (Recommended)



Alternate Pads Placement

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EAP PROCEDURES (CONTINUED)

7. **ANALYZE RHYTHM:**

- AED will prompt the rescuer as follows: "Do not touch patient. Analyzing rhythm."

8. **CHARGES:**

- AED will prompt the rescuer as follows: "Shock advised, charging."

9. **DELIVERS DEFIBRILLATION PULSE:**

- AED will prompt the rescuer as follows: "Stand clear. Shock will be delivered in 3 seconds, 2, 1."
- Once the AED begins the "Stand Clear..." prompt, the rescuer will state "CLEAR" and make a visual head-to-toe check of the patient making sure that he/she and any other rescuers are "clear" of contact with the patient to the completion of the countdown.

10. **ANALYZE/ CHARGE/ PULSE**

- After the first defibrillation shock, the AED take the rescuer into CPR prompts.
- The AED will not advise to defibrillate all pulse less patients. Some cardiac rhythms do not respond to defibrillation.
- **If not already done so, be sure Emergency Services have been notified.**

11. **RESCUER GIVES CPR FOR TWO MINUTES:**

- AED will prompt rescuer as follows: "Start CPR. Give 30 compressions. Then give two breathes."



12. **REPEAT ANALYZE/ CHARGE/ DEFIBRILLATION PULSE:**

- After two minutes of CPR, the AED will prompt rescuer as follows: "Do not touch patient. Analyzing rhythm."
- If the cardiac rhythm is shockable, the AED will guide the rescuer through another defibrillation pulse sequence, followed by two minutes of CPR. This sequence should come until
 - No shockable rhythm is detected or
 - The pads are disconnected or
 - Until Emergency Services personnel arrive on scene.

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EAP PROCEDURES (CONTINUED)

13. PATIENT CONVERTS TO A NON- SHOCKABLE RHYTHM

- If at some point during the rescue the patient converts to a heart rhythm that does not require defibrillation, the AED will prompt the rescuers as follow: "Start CPR, give 30 compressions. Then give two breaths."
- **If not already done so, be sure Emergency Services have been notified.**
- If a pulse is found on the patient and the patient is not breathing, continue rescue breathing. Leave pads in place and follow voice prompts. Please see below diagram for visual reference.



- If the patient regains consciousness, leave AED pads in place and make patient as comfortable as possible until Emergency Services personnel arrive on scene.

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NEW JERSEY AED GOOD SAMARITAN LAW

CHAPTER 6

AN ACT concerning the acquisition and use of automated external defibrillators, and amending P.L. 1999, c.34, P.L.2005, C.346, and P.L.2004, c.93.

BE IT ENACTED by the Senate and General Assembly of the State of New Jersey:

1. Section 1 of P.L. 1999, c.34 (C.2A:62A-23) is amended to read as follows:

C.2A:62A-23 Legislative findings relative to acquisition, deployment, use of automated external defibrillators; immunity from civil liability.

1. The Legislature finds that:

- a. More than 350,000 Americans die annually from out-of-hospital sudden cardiac arrest. Many die needlessly because lifesaving defibrillators are not immediately available. The American Heart Association estimates that almost 100,000 deaths could be prevented each year if defibrillators were more widely available;
- b. Due to technological advances, automated external defibrillators may be used by lay persons without any training to provide defibrillation within the first minutes of cardiac arrest to victims, thereby increasing the victims' chances of survival; and
- c. It is the intent of the Legislature to encourage greater acquisition, deployment, and use of automated external defibrillators throughout this State by expanding immunity from civil liability of persons who acquire automated external defibrillators and by granting immunity from civil liability to lay persons who use them in good faith in emergency situations.

2. Section 3 of P.L.1999, c.34 (C.2A:62A-25) is amended to read as follows:

C.2A:62A-25 Responsibilities of person, entity acquiring automated external defibrillator.

3. A person or entity that acquires an automated external defibrillator shall:

- a. Ensure that any person, who is anticipated by the person or entity that acquires the defibrillator to be in a position to render emergency care or treatment by the use of a defibrillator in the performance of that person's duties of employment or volunteer service, shall, prior to using that defibrillator, have successfully completed and hold a current certification from the American Red Cross, American Heart Association, or other training program recognized by the Department of Health and Senior Services in cardio-pulmonary resuscitation and use of a defibrillator; however, a person or entity that acquires a defibrillator shall not be liable for any act or omission of any lay person who uses the defibrillator in the rendering of emergency care;
- b. Ensure that the defibrillator is maintained and tested according to the manufacturer's operational guidelines;

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NEW JERSEY AED GOOD SAMARITAN LAW (CONTINUED)

- c. Notify the appropriate first aid, ambulance, or rescue squad, or other appropriate emergency medical services provider that the person or entity has acquired the defibrillator, the type acquired, and its location; and
- d. Prior to purchasing the automated external defibrillator, provide the prescribing licensed physician with documentation that the person or entity purchasing the defibrillator has a protocol in place to comply with the requirements of subsections a., b., and c. of this section.

3. Section 4 of P.L.1999, c.34 (C.2A:62A-26) is amended to read as follows:

C.2A:62A-26 Requirements for user of defibrillator.

- 4.
 - a. (Deleted by amendment, P.L.2012, c.6)
 - b. Any person who uses a defibrillator shall request emergency medical assistance from the appropriate first aid, ambulance, or rescue squad as soon as practicable; however, a lay person who, in good faith, fails to request emergency medical assistance pursuant to this subsection shall be immune from civil liability for any personal injury that results from that failure.

4. Section 5 of P.L. 1999, c.34 (C.2A:62A-27) is amended to read as follows:

C.2A:62A-27 Immunity from civil liability for user of defibrillator; exceptions.

- 5.
 - a. (1) Any person or entity who, in good faith, acquires or provides a defibrillator, renders emergency care or treatment by the use of a defibrillator, assists in or supervises the emergency care or treatment by the use of a defibrillator, or attempts to use a defibrillator for the purpose of rendering emergency care or treatment, and who has complied with the requirements of this act, shall be immune from civil liability for any personal injury as a result of that care or treatment, or as a result of any acts or omissions by the person or entity in providing, rendering, assisting in, or supervising the emergency care or treatment.
(2) A person or entity providing or maintaining an automated external defibrillator shall not be liable for any act or omission involving the use of a defibrillator in the rendering of emergency care by a lay person.
 - b. The immunity provided in subsection a. of this section shall include the prescribing licensed physician and the person or entity who provided training in cardio-pulmonary resuscitation and use of the defibrillator.
 - c. This subsection shall not immunize a person for any act of gross negligence or willful or wanton misconduct. It shall not be considered gross negligence or willful or wanton misconduct to fail to use a defibrillator in the absence of an otherwise preexisting duty to do so.

5. Section 2 of P.L.2005, c.346 (C.2A:62A-31) is amended to read as follows:

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NEW JERSEY AED GOOD SAMARITAN LAW (CONTINUED)

C.2A:62A-31 Requirements of health clubs relative to defibrillators.

2. No later than one year after the effective date of this act:

a. The owner or operator of a health club registered with the Director of the Division of Consumer Affairs in the Department of Law and Public Safety pursuant to P.L. 1987, c.238 (C.56:8-39 et seq.) shall:

(1) acquire at least one automated external defibrillator as defined in section 2 of P.L.1999, c.34 (C.2A:62A-24), and store it in an accessible location within the health club that is known and available to the employees of the health club for the purposes of this act; and

(2) ensure that the automated external defibrillator is tested and maintained, and provide notification to the appropriate first aid, ambulance, or rescue squad, or other appropriate emergency medical services provider regarding the defibrillator, the type acquired, and its location, pursuant to section 3 of P.L.1999, c.34 (C.2A:62A-25); and

b. The owner or operator of a health club that is subject to the provisions of subsection a. of this section shall:

(1) arrange and pay for training in cardio-pulmonary resuscitation and the use of an automated external defibrillator for the employees of that health club in accordance with the provisions of paragraph (2) of this subsection;

(2) ensure that the health club has at least one employee on site during its normal business hours who holds current certification from the American Red Cross, American Heart Association, or other training program recognized by the Department of Health and Senior Services in cardio-pulmonary resuscitation and use of a defibrillator; and

(3) ensure that an employee who uses a defibrillator requests emergency medical assistance from the appropriate first aid, ambulance, or rescue squad as soon as practicable.

6. Section 1 of P.L.2004, c.93 (C.26:2H-12.26) is amended to read as follows:

C.26:2H-12.26 Nursing homes, assisted living facilities, defibrillator, and trained personnel; required.

1. A nursing home that is licensed pursuant to P.L. 1971, c. 136 (C.26:2H-1 et al.) shall, no later than one year after the effective date of P.L.2004, c.93 (C.26:2H-12.26), and an assisted living facility that is licensed pursuant to P.L.1971, c.136 shall, no later than one year after the effective date of P.L.2009, c.46:

a. acquire at least one defibrillator as defined in section 2 of P.L.1999, c.34 (C.2A:62A-24), which shall be maintained in a central location within the nursing home or assisted living facility that shall be made known and available to the employees of the nursing home or assisted living facility for the purposes of this act;

b. ensure that the defibrillator is tested and maintained, and provide notification to the appropriate first aid, ambulance, or rescue squad, or other appropriate emergency medical services provider regarding the defibrillator, the type acquired, and its location, pursuant to section 3 of P.L.1999, c.34 (C.2A:62A-25);

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NEW JERSEY AED GOOD SAMARITAN LAW (CONTINUED)

- c. arrange and pay for training in cardio-pulmonary resuscitation and the use of a defibrillator for employees of the nursing home or assisted living facility to ensure that the employees hold current certification from the American Red Cross, American Heart Association, or other training program recognized by the Department of Health and Senior Services in cardio-pulmonary resuscitation and use of a defibrillator; and
- d. ensure that an employee who uses a defibrillator requests emergency medical assistance from the appropriate first aid, ambulance, or rescue squad as soon as practicable.

7. This act shall take effect immediately.

Approved May 2, 2012.

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AUTOMATED EXTERNAL DEFIBRILLATOR
REPORTING FORM

Please provide as much information as possible each time the AED is used in a cardiac emergency. Please submit all completed forms to the Borough of Glen Rock's Department of Parks and Recreation.

PATIENT INFORMATION (PLEASE PRINT)

Name (Last, First, Middle)

Male/ Female

Date of Birth (MM/DD/YYYY)

Age

Current Address (Street, City, State, Zip Code)

INCIDENT INFORMATION (PLEASE PRINT)

Date of Incident (MM/DD/YYYY)

Time of Incident (AM/ PM)

Facility Address of Incident (Athletic Complex)

Specific Location of Incident (Field, etc.)

Did the Primary Rescuer witness victim's emergency?

YES NO

Was the AED used to deliver electronic therapy to the victim?

YES NO

If yes, please provide the number of electronic shocks which the AED delivered to the victim? _____

Did the Primary Rescuer provide victim with CPR / Rescue Breathing care?

YES NO

Did the victim have a pulse once Emergency Services personnel arrive?

YES NO

Was the victim breathing once Emergency Services personnel arrived?

YES NO

Comments: _____

Primary Rescuer's Name: _____

Primary Rescuer's Signature: _____