

Emergency Action Plan for the Use of an Automated External Defibrillator (AED)

Pymatuning Valley Local School District

The Center for Disease Control and Prevention (CDC) defines cardiac arrest as when the heart suddenly and unexpectedly stops beating and blood stops flowing to the rest of the body. Cardiopulmonary Resuscitation (CPR) and Automated External Defibrillators (AED) are to be used when a person is unresponsive, is not breathing, or the heartbeat stops.

A.) How to use an AED:

For persons under age 8, pediatric pads should be used whenever possible.

However, if not available, use adult pads. Do not use pediatric pads on adults.

During an emergency, the secretaries of each building will direct first responders to the exact location of the unresponsive person once first responders arrive at the location.

Protocol:

If a person:

- Collapses suddenly and loses consciousness, or
- Is not breathing or is gasping for air, or
- Doesn't respond to shouting or tapping, or
- Doesn't have a pulse

Follow these steps:

- 1.) If the scene is safe, check for responsiveness use the shout-tap-shout method for no more than 10 seconds.

If appearing unresponsive, check responsiveness:

Shout, are you ok?

Tap and look for signs of normal breathing

Shout again assessing for breathing, life-threatening bleeding or conditions

- 2.) If person is unresponsive, shout for help, phone 9-1-1 and send someone to get the AED. Stay on the line with EMS (preferably on speaker phone) for instructions on CPR and AED use.
- 3.) Begin chest compressions until the AED arrives. (If trained in CPR, provide CPR according to your training)
- 4.) Turn on the AED and set it up according to the manufacturer's instructions. Follow the verbal instructions provided by the AED. Incorporate the AED into CPR cycles according to instructions from the AED and from any prior training,

5.) Prepare the AED to check heart rhythm. Follow the AED's verbal instructions to deliver one shock as advised.

6.) Continue CPR and follow the AED verbal instructions until person responds or EMS arrives and takes over care.

Hand placement for Infants

Use two fingers, press down in the middle of the chest about 1.5 inches

Hand placement for Children

Using one or two hands, press down in the middle of the chest at least 2 inches.

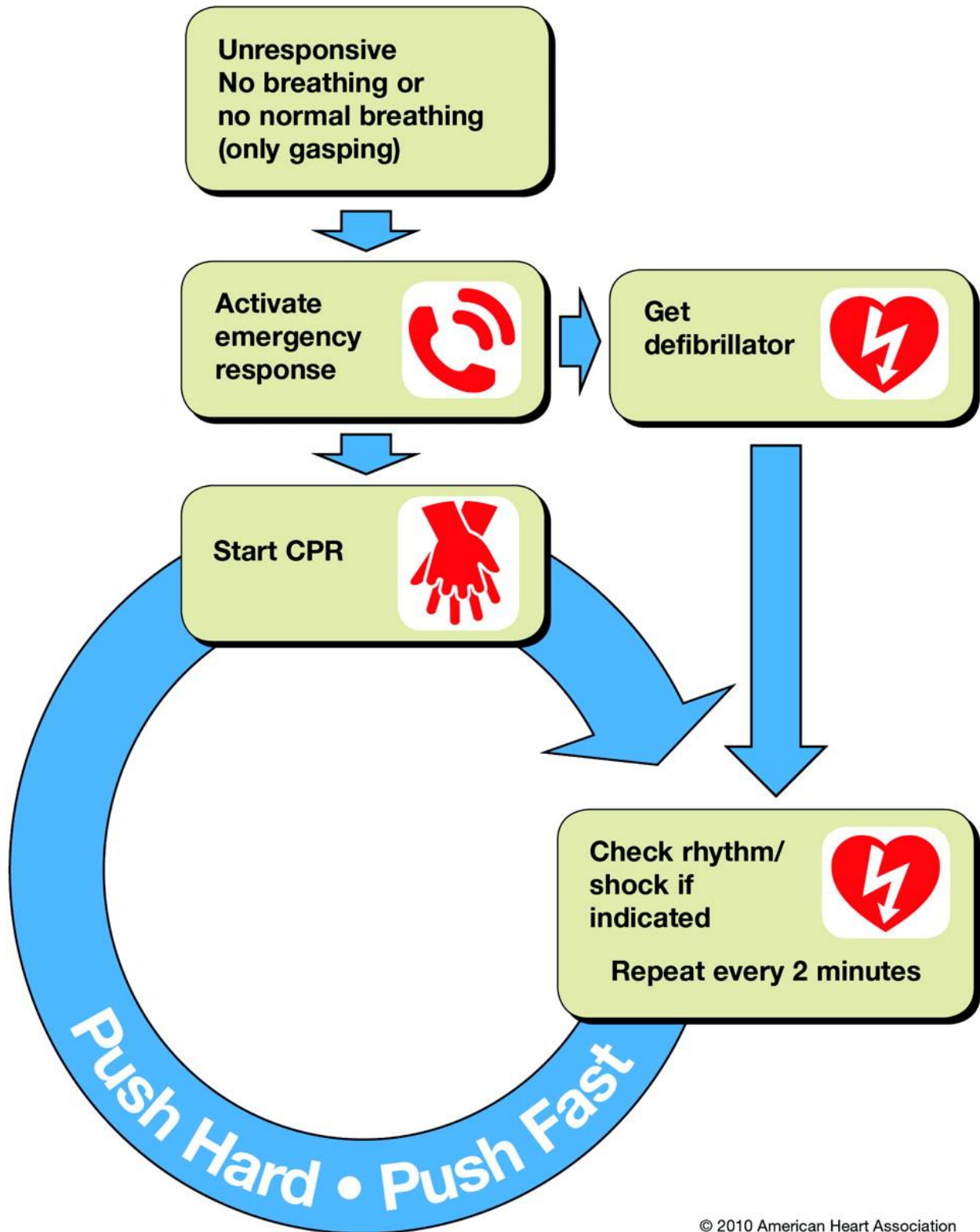
Hand Placement for Adults

Using two hands, press down in the middle of the chest at least 2 inches

Or

Follow instructions from 9-1-1 dispatcher or refer to your most recent CPR training.

Simplified Adult BLS



B. Practice of Plan

- 1.) Ohio Revised Code 3701.851 requires the Emergency Action Plan (EAP) to be practiced quarterly.
- 2.) Staff Inservice days to be utilized for practice sessions. Coordinate with Director of Pupils Services and Superintendent to set aside scheduled practice time.
- 3.) Each building to have a “Response Team”. Each team to consist of the health staff, building secretary, and 2-3 other PV staff members.

C. Maintenance of Automated External Defibrillators (AEDs):

- 1.) Follow manufacturer’s instructions with regards to maintenance, operation, and replacement of the AED and any of its parts.
- 2.) District Nurse to maintain monthly audits for battery life, pad expiration, intact equipment.
- 3.) District Nurse to provide education for CPR/AED trainings, emergency use medication administration training to designated response team staff, AED maintenance and supply ordering, and practice of response plans.

D. Location of Automated External Defibrillators (AEDs):

- 1.) Ensure AEDs are easily accessible and ensure they are not locked away
- 2.) Notify staff of AED locations and when changes in locations occur.

Reference:

American Heart Association 2023 Emergency Response Plan www.heart.org

Algorithms American Heart Association CPR and First Aid

Ohio Department of Health Model Emergency Action Plan for use of an AED