



FLOYD COUNTY BOARD OF EDUCATION
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Action/Discussion Item: Approve proposed procedures for use of ZOLL PLUS Automated External Defibrillator

Applicable Statutes or Regulations: BOE Policy 0.11 Powers and Duties of the Local Board of Education.

Background and major Policy Implications: Automated External Defibrillators (AED) will be utilized in the Floyd County Schools beginning in 2019-20 school year. These are the recommended procedures that a physician will authorize.

Fiscal Budgetary Impact: As noted on individual policies.

Alternatives: None proposed.

Recommended Action: To approve the recommended AED procedures.

Contact Person: Annette Harris-Ward 606.886.4518

Date: June 17, 2019


Superintendent


Administrator



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- **PROCEDURE FOR USE OF ZOLL PLUS Automated External Defibrillator (AED) (Fully Automatic Model) (Adult)**
- **NOTE: If AED is not immediately available, perform CPR until AED arrives on the scene.**
- **Use of the AED is authorized for emergency response personnel trained in CPR and use of the AED.**
- **Medical Emergency Response**
 - Assess scene for safety
 - Determine unresponsiveness
 - Activate system (Dial #9-1-1)
 - Open airway (A)
 - Check for breathing (B)—if no breathing give two breaths
 - Check for pulse and/or signs of circulation such as normal breathing, coughing or movement (C) • Expose chest area
 - If no pulse and/or signs of circulation, apply AED immediately
 - Open the lid and turn the AED on.
 - **Follow voice prompts. Do not touch the victim unless instructed to do so.**
 - Access electrode pads and follow voice prompts to apply electrode pads. Shave chest hair (if it so excessive it prevents a good seal between electrodes and skin.) If the victim's chest is dirty or wet, wipe the chest clean and dry.
 - Stand clear of victim while machine analyzes heart rhythm
 - Follow the voice prompts (Do not touch the victim unless instructed to do so).
- **SHOCK ADVISED:**
 - Clear area, making sure no one is touching the victim. The device will indicate it is preparing to shock and begin charging, then it will prompt: **EVERYONE CLEAR-DO NOT TOUCH PATIENT-DELIVERING SHOCK** (plus a tone). Next the device will prompt: **SHOCK DELIVERED**. Continue to follow voice prompts. Device will evaluate the victim's heart rhythm and shock up to three times. After 3 shocks device will prompt to check pulse (or for breathing or signs of circulation) and if absent, start CPR. If pulse and /or signs of circulation such

as normal breathing and movement are absent, perform CPR for one minute. Device will countdown one minute of CPR and will automatically re-evaluate victim's heart rhythm when CPR time is over.

- **NO SHOCK ADVISED**

- Device will prompt to check pulse (or for breathing and movement) and if absent, start CPR. If pulse and/or signs of circulation such as normal breathing and movement are absent, perform CPR for one minute. If pulse/signs of circulation such as breathing and movement are present, check for normal breathing. If victim is not breathing normally, give rescue breaths at a rate of 12 per minute. AED will reanalyze after one minute.

- Continue cycles of analyses, shocks (if advised) and CPR until professional help arrives. Victim must be transported to hospital. Leave AED attached to victim until EMS arrives and disconnects AED.

- **AFTER USE**

- Medical Event form completed and appropriate copies made
- AED data will be downloaded within 24 hours (weekdays) with copies sent to: EMS, authorizing physician and environmental health department.
- After use: The AED will be wiped clean according to manual.
- Both the QUIK-PAK electrode packet and the CHARGE-PAK battery charger must be replaced after every use.
- Contents of attached resuscitation kit must be replaced if used.

- Developed: May 2019