

AED DEFIBRILLATION PROTOCOL



AED Technicians in Spokane County are authorized to deliver an unlimited number of countershocks, as long as the unit continues to charge.

All defibrillation technicians should strive to meet the following goals:

- ✓ CPR is interrupted for a minimum amount of time
- ✓ V-fib is shocked repeatedly and as fast as possible
- ✓ Overall patient care and safety are never neglected



GENERAL ORDERS:

1. Immediately verify cardiopulmonary arrest by the absence of consciousness, respirations, and pulse.
2. Start high-performance CPR. Once patches have been applied, analyze rhythm and follow prompts.

OPERATIONAL PROCEDURE[†] (CPR IS BEING PERFORMED):

1. Turn unit power on.
2. Attach defibrillator pads (use pediatric pads, if available) for patients < 12 years of age.
3. Begin performing verbal report.
4. Clear the patient, press the analyze button.
5. If a shockable rhythm is present, the defibrillator will charge (ensure there is no physical contact with the patient).
6. Deliver the first shock.
7. Resume CPR immediately.
8. CLEAR THE PATIENT, press the analyze button.
9. If a shockable rhythm is present, the defibrillator will charge. Ensure there is no physical contact with the patient.

10. Deliver the second shock.
11. Resume CPR immediately.
12. Clear the patient, press the analyze button.
13. If a shockable rhythm is present, the defibrillator will charge. Ensure there is no physical contact with the patient.
14. Deliver the third shock.
15. Resume CPR immediately.
16. Check for pulse, if none present, repeat steps 4 through 14 at 360 J (for biphasic unit, follow manufacturer's recommendations). Continue until the defibrillator no longer charges or ALS arrives.

[†]**Age and Weight Guidelines:** AEDs may be applied to children down to 1 year of age who remain in cardio pulmonary arrest after 1 minute of CPR. The smaller children's pads, if available should be used in this age group
[‡]**Safety:** All defibrillation technicians should have a heightened awareness of safety, always remembering to ensure that all personnel are clear of the patient and the environment is safe prior to analyzing and/or delivery of countershocks.