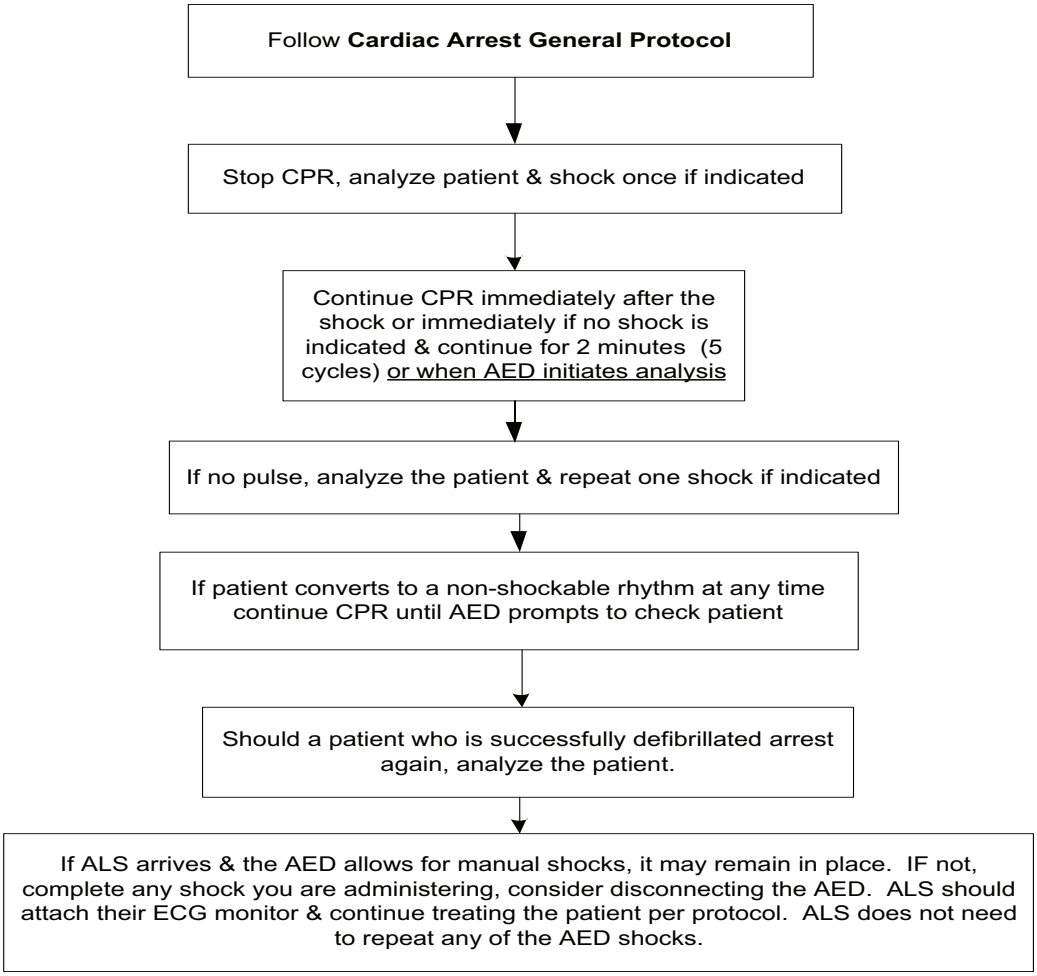
Automated External Defibrillator (AED)

The Automated External Defibrillator (AED) shall be applied only to patients found in cardiopulmonary arrest. Interruptions to CPR should be kept to a minimum. The AED should not be used on patients found lying on conductive surfaces or patients in moving vehicles. There are no age or weight limits for AED use. In pediatric patients, attenuated pads should be used, if available. If adult pads are used in pediatric patients, place in an anterior/posterior configuration.

Pre-Medical Control
MFR/EMT/SPECIALIST/PARAMEDIC

1. Follow the **Cardiac Arrest - General Protocol**.
2. Stop CPR to analyze patient and shock once, if indicated.
3. Continue CPR immediately after the shock, or immediately if no shock is indicated and continue for 2 minutes (5 cycles) or when AED initiates analysis.
4. If no pulse, analyze the patient and repeat one shock, if indicated.
5. If patient converts to a non-shockable rhythm at any time, continue CPR until AED prompts to check the patient.
6. Should a patient who is successfully defibrillated arrest again, analyze the patient.
7. If ALS arrives and the AED allows for manual shocks, it may remain in place. If not, complete any shock you are administering, consider disconnecting the AED. ALS should attach their ECG monitor and continue treating the patient per protocol. ALS does not need to repeat any of the AED shocks.

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