PULSELESS ARREST

1. BLS Algorithm: Call for help, give CPR
2. Give oxygen when available
3. Attach monitor/defibrillator when available
4. Check rhythm
5. Shockable rhythm?
6. Give 5 cycles of CPR
7. Check rhythm
8. Shockable
9. Not Shockable
10. Asystole/PEA
11. Resume CPR immediately for 5 cycles
   When IV/I0 available, give vasopressor
   - Epinephrine 1 mg IV/I0
     Repeat every 3 to 5 min
   or
   - May give 1 dose of vasopressin 40 U IV/I0 to replace first or second dose of epinephrine
   Consider atropine 1 mg IV/I0 for asystole or slow PEA rate
   Repeat every 3 to 5 min (up to 3 doses)
12. Check rhythm
13. Shockable rhythm?
14. Not Shockable
15. Go to Box 4

**During CPR**

- Push hard and fast (100/min)
- Ensure full chest recoil
- Minimize interruptions in chest compressions
  - One cycle of CPR: 30 compressions
  - 2 breaths; 5 cycles ~2 min
- Avoid hyperventilation
- Secure airway and confirm placement
- After an advanced airway is placed, rescuers no longer deliver "cycles" of CPR. Give continuous chest compressions without pauses for breaths.
  - Give 8 to 10 breaths/minute. Check rhythm every 2 minutes
- Rotate compressors every 2 minutes with rhythm checks
- Search for and treat possible contributing factors:
  - Hypovolemia
  - Hypoxia
  - Hypothermia
  - Tension pneumothorax
  - Trauma