ADULT PULSELESS ARREST

1 Check Rhythm **Shockable Rhythm?**

SHOCKABLE → **2** **VF/VT** → Consider reversible causes

3
Give 1 Shock
- Biphasic 120 J or equivalent
- Monophasic 200 J or equivalent

Resume CPR immediately and establish vascular access and airway

Give 5 cycles of CPR/ 2 Minutes

4 Check Rhythm **Shockable Rhythm?**

- **NO** → **11**
- **Shockable** →

5
Continue CPR while the defibrillator is charging:
Give 1 Shock
- Biphasic 150 J or equivalent
- Monophasic 300 J or equivalent

Resume CPR immediately
When vascular access available, administer:
- **Epinephrine 1:10,000** 1mg IVP/IO during CPR, repeat every 3-5 min

Give 5 cycles of CPR/2 Minutes

6 Check Rhythm **Shockable Rhythm?**

- **NO** → **11**
- **Shockable** →

7
Continue CPR while the defibrillator is charging:
Give 1 Shock
- Biphasic 200 J or equivalent
- Monophasic 360 J or equivalent

Resume CPR immediately
- **Lidocaine** 1.5 mg/kg IVP/IO repeat every 3-5 min, not to exceed 3 mg/kg

Give during CPR (before or after shock)
After 5 cycles/2 minutes of CPR, go to Box 4 above (at 200/360 J setting)

NOT SHOCKABLE → **8** **ASYSTOLE/PEA (< 60 BPM)** → Consider reversible causes

9
Resume CPR immediately and establish vascular access and airway
- **Epinephrine 1:10,000,** 1 mg IVP/IO, repeat every 3-5 min
- **Atropine** 1 mg IVP/IO, repeat every 3-5 min, not to exceed 3 mg

Give 5 cycles of CPR/2 Minutes

10 Check Rhythm **Shockable Rhythm?**

- **NOT SHOCKABLE** → **11**
- **SHOCKABLE** → **12** Go to Box 3

11
- If asystole, go to Box 9
- If electrical activity, check pulse. If no pulse go to Box 9
- If pulse present, begin post resuscitation care

During CPR
- Push hard and fast (100/min)
- Ensure full chest recoil
- Minimize interruptions in chest compressions
- One cycle of CPR: 30 compressions then 2 breaths; 5 cycles is approximately 2 minutes
- Avoid hyperventilation
- Secure airway and confirm placement
- After advanced airway is placed give continuous compressions without pauses for breaths. Give 8 to 10 breaths per minute
- Check rhythm every 2 minutes and after defibrillation
- **If down time > 4 minutes (unwitnessed arrest), immediately begin 2 minutes of CPR before medication administration**