Adult ALS Algorithm

Unresponsive?

Open Airway
Look for signs of life

Call Resuscitation Team

CPR 30:2
Until defibrillator/monitor attached

Assess Rhythm

Shockable (VF/Pulsless VT)

1 Shock
150-360 J biphasic or 360 J monophasic

Immediately resume: CPR 30:2 for 2 min

Non-shockable (PEA/Asystole)

Immediately resume: CPR 30:2 for 2 min

During CPR:
- Correct reversible causes*
- Check electrode position and contact
- Attempt/verify:
  - IV access
  - Airway and oxygen
- Give uninterrupted compressions when airway secure
- Give Adrenalin every 3-5 min
- Consider: amiodarone, atropin, magnesium

*Reversible Causes:
- Hypoxia
- Hypovolaemia
- Hypo/hyperkalaemia/Metabolic
- Hypothermia
- Tension Pneumothorax
- Tamponade, cardiac
- Toxins
- Thrombosis (coronary or pulmonary)