Adult Advanced Life Support

Continue CPR
30 compressions : 2 ventilations
Minimise interruptions

Attach Defibrillator / Monitor

Assess Rhythm

Shockable
Shock
Return of Spontaneous Circulation
Continue CPR for 2 minutes
Post Resuscitation Care

Non Shockable
Continue CPR for 2 minutes

During CPR
Airway adjuncts (SGA or ETT)
Oxygen
Waveform capnography
IO or IV access
Plan actions before interrupting CPR
(e.g. charge defibrillator)

Drugs
- Shockable
  - Adrenaline 1 mg after 2nd shock
    (then every 2nd cycle)
  - Amiodarone 300mg after 3 shocks

- Non Shockable
  - Adrenaline 1mg immediately
    (then every 2nd cycle)

Consider and correct
- Hypoxia
- Hypovolaemia
- High or low electrolytes (K, Ca, Mg) & metabolic disorders
- Hypothermia or hyperthermia
- Tension pneumothorax
- Tamponade
- Toxins
- Thrombosis (pulmonary or coronary)

Post Resuscitation Care
- Re-evaluate ABCDE
- 12 lead ECG plus CXR
- Treat precipitating cause
- Aim for SpO2 94-98%, normocapnia, normoglycaemia
- Temperature control

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