Paediatric Advanced Life Support

Continue CPR
15 compressions : 2 ventilations
Minimise interruptions

Attach
Defibrillator / Monitor

Assess Rhythm

Shockable
Shock 4 J/kg
(max. dose adult dose for defibrillator)

Non Shockable
Return of Spontaneous Circulation

Continue CPR
for 2 minutes

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for 2 minutes

Post Resuscitation Care

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 10 micrograms/kg (max. dose 1 mg) after
    2nd shock (then every 2nd cycle)
  - Amiodarone 5 mg/kg (max. dose 300 mg) after 3
    shocks
- **Non Shockable**
  - Adrenaline 10 micrograms/kg (max. dose 1 mg)
    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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