Paediatric Advanced Life Support

Start CPR

Attach defibrillator/monitor

Assess rhythm

Shockable VF / pulseless VT

Shock (4 J/kg)

Adrenaline 10 mcg/kg after 2nd shock
(then every 2nd loop)

Amiodarone 5 mg/kg after 3rd shock

CPR for 2 minutes

Non-shockable PEA/asystole

Adrenaline 10 mcg/kg (immediately then
every 2nd loop)

CPR for 2 minutes

Return of spontaneous circulation?

Post-resuscitation care

During CPR
Airway adjuncts (LMA/ETT)
Oxygen
Waveform capnography
IV/IO access
Plan actions before interrupting
compressions (e.g. charge manual
defibrillator to 4 J/kg)

Consider and correct
Hypoxia
Hypovolaemia
Hyper/hypokalaemia/metabolic
disorders
Hyperthermia/hyperthermia
Tension pneumothorax
Tamponade
Toxins
Thrombosis (pulmonary/coronary)

Post-resuscitation care
Re-evaluate ABCDE
12 lead ECG
Treat precipitating causes
Re-evaluate oxygenation and
ventilation
Temperature control (cool)