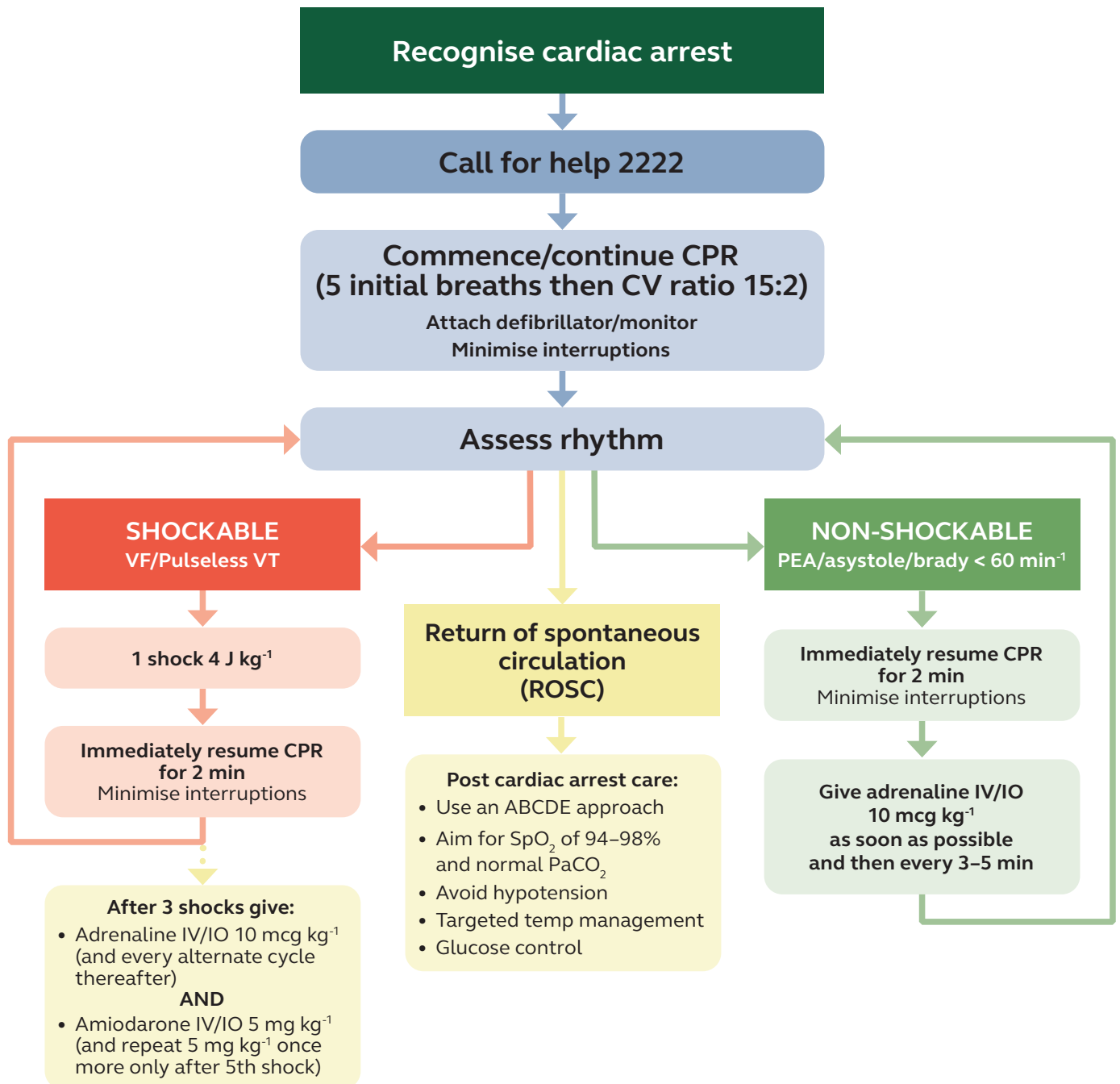


# Paediatric advanced life support



## During CPR

- Ensure high quality chest compressions are delivered:
  - Correct rate, depth and full recoil
- Provide BMV with 100% oxygen (2 person approach)
- Provide continuous chest compressions when a tracheal tube is in place.
- Competent providers can consider an advanced airway and capnography, and ventilate at a rate (breaths minute<sup>-1</sup>) of:

Infants: 25	1-8 years: 20	8-12 years: 15	> 12 years: 10-12
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- Vascular access IV/IO
- Once started, give Adrenaline every 3-5 min
- Maximum single dose Adrenaline 1 mg
- Maximum single dose Amiodarone 300 mg

## Identify and treat reversible causes

- Hypoxia
- Hypovolaemia
- Hyperkalaemia, hypercalcaemia, hypermagnesaemia, hypoglycaemia
- Hypo-/hyperthermia
- Thrombosis – coronary or pulmonary
- Tension pneumothorax
- Tamponade – cardiac
- Toxic agents

Adjust algorithm in specific settings (e.g. special circumstances)