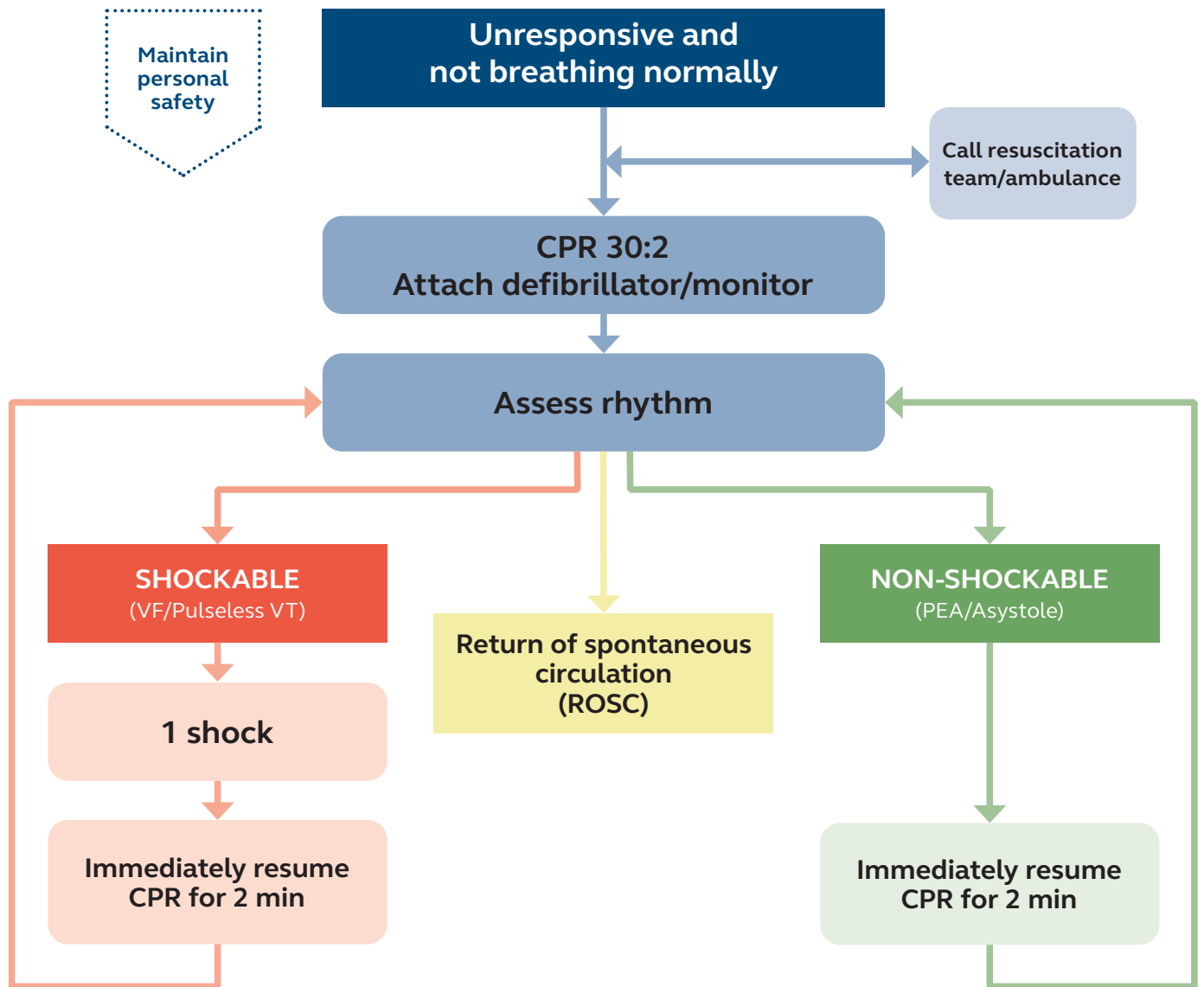




# Adult advanced life support



## Give high-quality chest compressions, and:

- Give oxygen
- Use waveform capnography
- Continuous compressions if advanced airway
- Minimise interruptions to compressions
- Intravenous or intraosseous access
- Give adrenaline every 3–5 min
- Give amiodarone after 3 shocks
- Identify and treat reversible causes

## Identify and treat reversible causes

- Hypoxia
  - Hypovolaemia
  - Hypo-/hyperkalaemia/metabolic
  - Hypo/hyperthermia
  - Thrombosis – coronary or pulmonary
  - Tension pneumothorax
  - Tamponade – cardiac
  - Toxins
- Consider ultrasound imaging to identify reversible causes

## Consider

- Coronary angiography/percutaneous coronary intervention
- Mechanical chest compressions to facilitate transfer/treatment
- Extracorporeal CPR

## After ROSC

- Use an ABCDE approach
- Aim for SpO<sub>2</sub> of 94–98% and normal PaCO<sub>2</sub>
- 12-lead ECG
- Identify and treat cause
- Temperature control