### CARDIAC ARREST
**Pulseless Electrical Activity (PEA)**
- Immediately start CPR.
- 0.1 mL/kg of 1:10,000 (10 microg/kg) IV Adrenaline
- Repeat 1-4 minutely prn
- 20 mL/kg Crystalloid
- ALS GUIDELINES for non-shockable rhythms

### Danger and Diagnosis
**Response to stimulus**
- Unresponsive hypotension or bronchospasm
- Remove triggers e.g. chlorhexidine, synthetic colloid
- Stop procedure. Use minimal volatile/TIVA if GA

### Send for help and organise team
- Call for Help and Anaphylaxis box
- Assign a designated Leader and Scribe
- Assign a Reader of the cards

### Check/Secure Airway
**Breathing - 100% oxygen**
- Check capnography – “No Trace = Wrong Place”
- Confirm FiO₂ 100%
- Intubate early: airway oedema

### Rapid fluid bolus
**Plan for large volume resuscitation**
- If hypotensive: Elevate legs
- Bolus 20 mL/kg Crystalloid, Repeat as needed
- Large bore IV Access. Warm IV fluids if possible

### Adrenaline Bolus
**Repeat as needed**

#### IM Adrenaline (Paediatric)
- No IV access or haemodynamic monitoring
- OR awaiting Adrenaline Infusion
- 1:1000 = 1mg/mL
  - < 6 years = 0.15 mL (150 microg)
  - 6-12 years = 0.3 mL (300 microg)
- Every 5 minutes prn lateral thigh

#### Initial IV Adrenaline Bolus (Paediatric)
- Dilution 1 mg in 50 mL = 20 microg/mL
  - Give dose below every 1-2 minutes prn

- **Moderate**
  - 0.1 mL/kg (2 microg/kg)
  - Increase dose if no response

- **Life Threatening**
  - 0.2-0.5 mL/kg (4-10 microg/kg)
  - Increase dose if no response

#### Paediatric Adrenaline Infusion
- Commence infusion as soon as possible
- Can be administered peripherally

- 1 mg Adrenaline in 50 mL (20 microg/mL)
  - Commence at 0.3 mL/kg/hr = 0.1 microg/kg/min
  - Titrate to max. 6 mL/kg/hr = 2 microg/kg/min

**IF NOT RESPONDING** see ‘Paediatric Refractory Management’

*Appendix 1 ANZAAG-ANZCA Perioperative Anaphylaxis Management Guidelines version 3 January 2022. The scientific rationale and evidence base for the recommendations on this card is explained in more detail at www.anzca.edu.au and www.anzaag.com © Copyright 2022 – Australian and New Zealand College of Anaesthetists, Australian and New Zealand Anaesthetic Allergy Group. All rights reserved.*