

Anaphylactic reaction?

Airway, Breathing, Circulation, Disability, Exposure

Diagnosis - look for:

- Acute onset of illness
- Life-threatening Airway and/or Breathing and/or Circulation problems ¹
- And usually skin changes

- **Call for help**
- Lie patient flat
- Raise patient's legs

Adrenaline ²

When skills and equipment available:

- Establish airway
 - High flow oxygen
 - IV fluid challenge ³
 - Chlorphenamine ⁴
 - Hydrocortisone ⁵
- Monitor:**
- Pulse oximetry
 - ECG
 - Blood pressure

1 Life-threatening problems:

Airway: swelling, hoarseness, stridor

Breathing: rapid breathing, wheeze, fatigue, cyanosis, SpO₂ < 92%, confusion

Circulation: pale, clammy, low blood pressure, faintness, drowsy/coma

2 Adrenaline (give IM unless experienced with IV adrenaline)

IM doses of 1:1000 adrenaline (repeat after 5 min if no better)

- Adult 500 micrograms IM (0.5 mL)
- Child more than 12 years: 500 micrograms IM (0.5 mL)
- Child 6 -12 years: 300 micrograms IM (0.3 mL)
- Child less than 6 years: 150 micrograms IM (0.15 mL)

Adrenaline IV to be given **only by experienced specialists**

Titrate: Adults 50 micrograms; Children 1 microgram/kg

3 IV fluid challenge:

Adult - 500 – 1000 mL
Child - crystalloid 20 mL/kg

Stop IV colloid if this might be the cause of anaphylaxis

4 Chlorphenamine (IM or slow IV)

Adult or child more than 12 years
Child 6 - 12 years
Child 6 months to 6 years
Child less than 6 months

10 mg
5 mg
2.5 mg
250 micrograms/kg

5 Hydrocortisone (IM or slow IV)

200 mg
100 mg
50 mg
25 mg