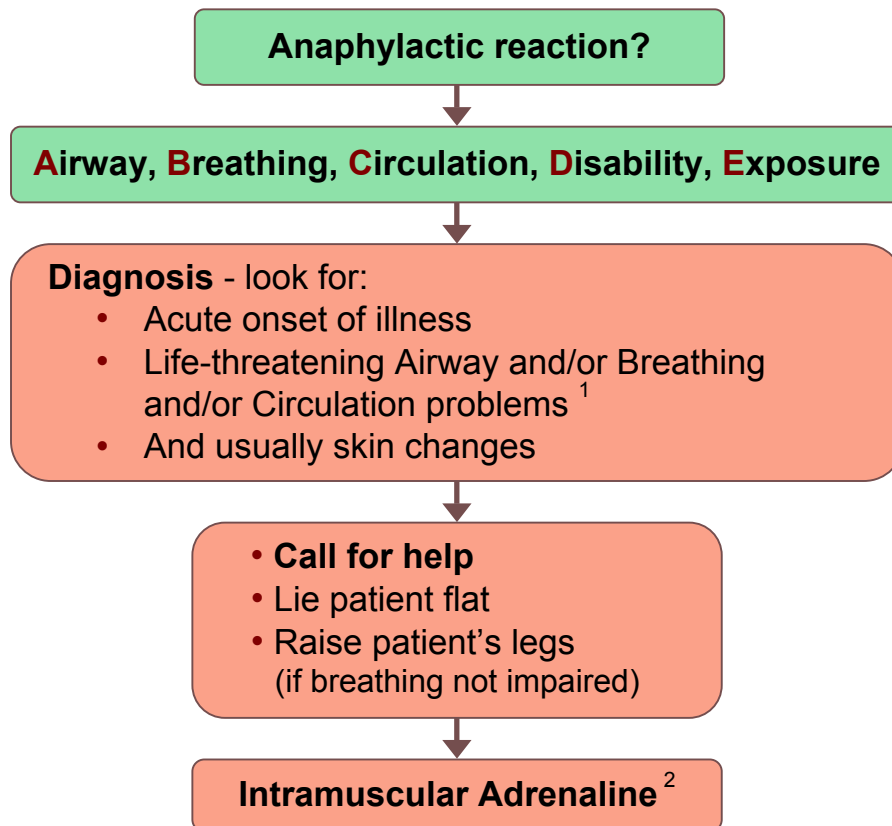


## Anaphylactic reactions – Initial treatment



### 1 Life-threatening problems:

**Airway:** swelling, hoarseness, stridor

**Breathing:** rapid breathing, wheeze, fatigue, cyanosis, SpO<sub>2</sub> < 92%, confusion

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

### 2 Intramuscular Adrenaline

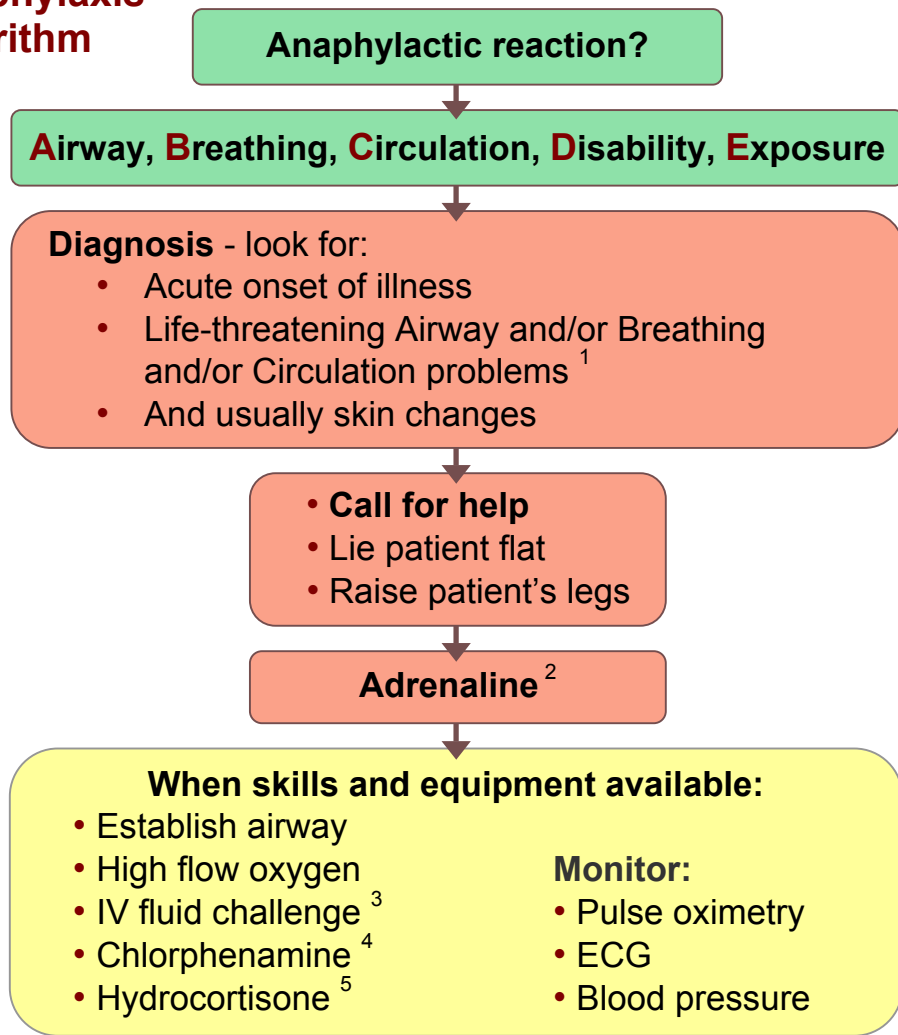
IM doses of 1:1000 adrenaline (repeat after 5 min if no better)

- 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)

See also:

▶ [Anaphylaxis algorithm](#)

## Anaphylaxis algorithm



### 1 Life-threatening problems:

**Airway:** swelling, hoarseness, stridor  
**Breathing:** rapid breathing, wheeze, fatigue, cyanosis, SpO<sub>2</sub> < 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	10 mg
Child 6 - 12 years	5 mg
Child 6 months to 6 years	2.5 mg
Child less than 6 months	250 micrograms/kg

### 5 Hydrocortisone (IM or slow IV)

200 mg
100 mg
50 mg
25 mg