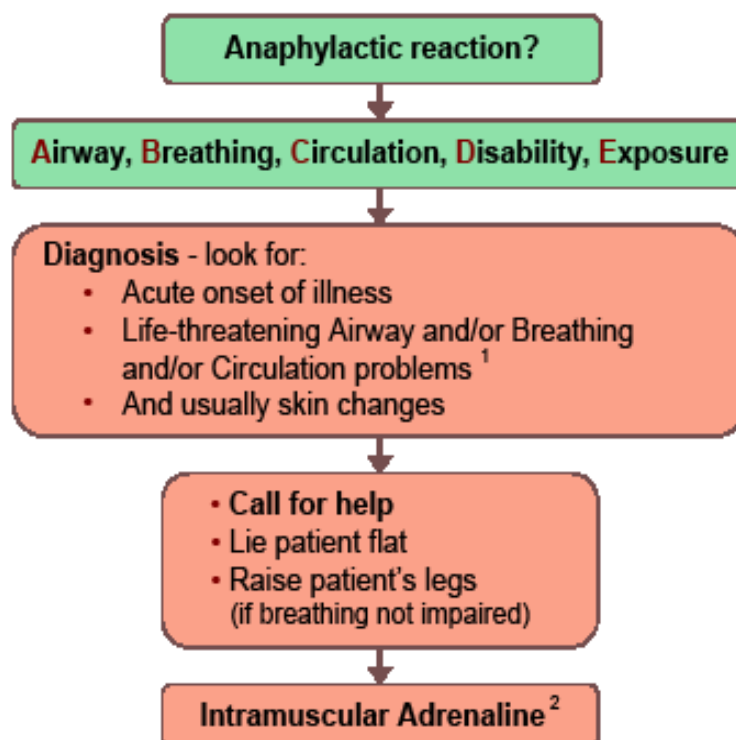




Anaphylactic reactions – Initial treatment



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 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](#)

**CG27 – MEDICAL EMERGENCIES CLINICAL GUIDELINE
APPENDIX 1 – INITIAL TREATMENT OF PROPHYLAXIS**

Anaphylaxis - Glossary of medical terms:

1. Anaphylaxis: An emergency condition resulting from an abnormal and immediate allergic response to exposure to a substance (foreign proteins or drugs)
2. Angioedema: Abnormal swelling of deeper layers of skin (usually in eyes, lips, hands and feet)
3. Bradycardia: Abnormally slow heart rate (<50 beats per minute)
4. Conjunctivitis: Inflammation of the conjunctiva (mucous membrane covering the front of the eye and inner parts of eyelids)
5. Cyanosis: Bluish or purplish discolouration of skin due to lack of oxygen supply
6. Erythema: Flushing/ Abnormal redness of skin due to dilated capillaries
7. Hypotension: Abnormally low blood pressure
8. Hypoxia: Deficiency of oxygen in tissues
9. Pallor: Abnormal paleness of skin
10. Palpitations: Awareness of the heart beat
11. Parenteral: Administered by any way other than the mouth (drugs/ nutrition)
12. Pruritis: Localised or generalised itching due to irritation of sensory nerves
13. Rhinitis: Inflamed mucous membrane of nose causing - nasal congestion, itching and sneezing
14. Stridor: Harsh vibrating sound heard during breathing in case of obstruction of airway
15. Tachycardia: Abnormally fast heartbeat
16. Tachypnoea: Rapid breathing
17. Urticaria: Raised swollen red patches of skin or mucous membrane (Hives)