## **Anaphylaxis**

## **Assess for: Upper airway obstruction** (stridor, oral swelling) Lower airway obstruction (wheeze, respiratory distress) Shock (dizziness, pale, clammy) Call for help Remove trigger / causative agent Position flat or sitting, not walking or standing **Cardiac arrest?** NO YES Adrenaline IM **Initiate Cardiac Life** Adults: 0.5mg (0.5ml of 1:1,000) Support algorithm Children: 10mcg/kg (0.01mL/kg of 1:1,000) (min dose 0.1mL, max dose 0.5mL) Use auto injector if available (preferred injection site upper outer thigh) Repeat every 5 minutes as needed High flow oxygen if available Monitor vital signs and ABC IV access if relevant Consider **steroids** and oral For shock: **RESOLUTION** antihistamine 0.9% saline rapid infusion Adults: 1,000mL Refer to health care professional Children: 20mL/kg Call 111 for an ambulance Consider: • Further 0.9% saline • Nebulised **adrenaline** for upper airway obstruction Adrenaline infusion

Nebulised salbutamol for lower airway obstruction



Inotropic support



## Dosage of IM Adrenaline for Anaphylaxis

## Adrenaline 1:1000 dosage is 0.01 mL/kg Up to a maximum of 0.5 mL

If the weight is unknown use the following:

AGE	DOSE
Infants less than 2 years	0.1 mL
2-4 years	0.2 mL
5-11 years	0.3 mL
Over 12 years	0.5 mL
Adult	0.5 mL



