

ANAPHYLAXIS

A hypersensitivity reaction, usually occurring within seconds to minutes after exposure to an antigen. Reaction may be mild and self-limited, or severe and possibly life threatening.

History:

- Exposure type (insect, fumes, chemicals)
- Onset of symptoms
- Allergies
- Last meal
- Medications

Assessment:

- Obtain vital signs:
 - Low blood pressure and/or rapid pulse
- Assess for:
 - Generalized flushing/rash/hives/itching
 - Respiratory wheezing/distress/cyanosis/paroxysmal cough
 - Trouble swallowing/swollen throat/drooling
 - Chest pain/pressure
 - Panic, anxiety

Treatment:

- Call EMS
- Establish and maintain airway.
- Administer oxygen, if available (8-15L/min or 100% by Ambu bag).
- Administer Epinephrine (sub-Q) and Benadryl (IM).
 - Repeat Epinephrine every 10-15 min if there is no improvement (Up to 3 doses).

Call EMS:

- Immediately upon all incidences of anaphylaxis and report the following:
 - Name of antigen and dose if known
 - Vital signs
 - Reaction symptoms
 - Drug dosages, times and routes

Epinephrine		
Weight (lbs.)	Approximate Age	Dose
11	0 - 3 months	0.05 ml
15	4 - 11 months	0.07 ml
19	12 - 24 months	0.09 ml
22	25 - 35 months	0.10 ml
33	3 - 5 years	0.15 ml
44	5 - 8 years	0.20 ml
55	8 - 9.5 years	0.25 ml
66	9.5 - 10.5 years	0.30 ml
77	10.5 - 12 years	0.35 ml
88	12 - 13 years	0.40 ml
99	13 - 14 years	0.45 ml
110	15 to Adult	0.50 ml

Benadryl		
Age	Dosage	
	mg.	ml.
Under 24 months	Do Not Use	
2-9 years	25 mg	0.5 ml
10 years -Adult	50 mg	1 ml