Acute allergic reaction

Respiratory
- Administer oxygen to maintain O2 sat at greater to or equal to 90%.

IV Fluids
- Saline lock
- Sodium Chloride 0.9% @ _____mL/hr
- Lactated Ringers Solution @ _____mL/hr.
- Bolus

Medications

Anti-histamines
- diphenhydramine/BENADRYL 12.5 mg IVP
- diphenhydramine/BENADRYL 25 mg PO/IM/IVP
- diphenhydramine/BENADRYL 50 mg PO/IM/IVP
- famotidine/PEPCID 20 mg po or IV

Steroids
- methylprednisolone/SOLUMEDROL 125 mg IVP
- predniSONE/DELTASONE 60 mg po
- dexamethasone/DECADRON 10 mg IV

Adrenergics
- **Epinephrine is the first-line treatment for anaphylaxis (not lesser allergic phenomena).**
- **Bad outcomes come from delay in administration of epinephrine.**
- **IV epinephrine should be reserved for patients with shock and failed repeat IM dosing.**
  - epinephrine 0.3 mg (1:1,000) IM (quadriceps [anterolateral thigh] preferred
  - Epinephrine bolus: 0.1 mg (1 mL) of 1:10,000 in 9 mL normal saline over 10 minutes with intense monitoring
  - Epinephrine infusion: 1 mg of 1:10,000 in 1000 mL of normal saline and run at 1 mL/min. Titrate to effect every 2 minutes by increasing by 1 mL (1mcg)/min. (1 – 10 mcg/min adult dose)

Inhaled Adrenergics
- albuterol sulfate/VENTOLIN 2.5 mg/0.5 ml neb solution
- albuterol sulfate/VENTOLIN 5 mg via HHN

Insulin Analog **Source**
- glucagon 1 - 2 mg IVP over 2 minutes
- glucagon if response to bolus, initiate infusion at 0.3 – 0.9 mg/hr IV

C1-INH Concentrate for ACE-I and Heriditary Angioedema **Source**
- C1 inhibitor concentrate/CINRYZE 10 – 30 units/kg IV (between 500 – 1000 units in total) may be re-dosed 30 – 60 minutes later if needed. **Source**

Antiemetics
- droperidol/INAPSINE 0.625 milligram intravenously once as needed for nausea/vomiting
- metoclopramide/REGLAN 10 milligram intravenously once
- ondansetron/ZOFRAN 4 milligram intravenously once
- ondansetron/ZOFRAN 4 milligram orally once
- prochlorperazine/COMPAZINE 5 milligram intravenously or intramuscularly
- prochlorperazine/COMPAZINE 10 milligram po, IM, or IV

Revised 8/15/2011
prochlorperazine /COMPAZINE 25 milligram rectally

Laboratory
- Complete blood cell count with automated white blood cell differential
- Basic metabolic panel
- Comprehensive metabolic panel
- Urinalysis (UA) with microscopy
- Pregnancy test, urine, point-of-care measurement

Diagnostic Tests
- 12-lead ECG
- Radiograph, chest, 1 view
- Radiograph, chest, 2 view

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