



ALLERGIC REACTIONS (ANAPHYLAXIS)



Escambia County, Florida - ALS/BLS Medical Protocol

This protocol should be used for patients exhibiting signs and symptoms consistent with allergic reaction; as follows:

Skin - flushing, itching, hives, swelling, cyanosis.

Respiratory - dyspnea, sneezing, coughing, wheezing, stridor, laryngeal edema, laryngospasm, bronchospasm.

Cardiovascular - vasodilation, increased heart rate, decreased blood pressure.

Gastrointestinal - nausea/vomiting, abdominal cramping, diarrhea.

CNS - dizziness, headache, convulsions, tearing.

Mild Reactions

Definition: *Redness and/or itching, stable vital signs with a systolic BP >110 mmHg without dyspnea.*

Supportive Care

1. [Trauma Supportive Care Protocol](#).

ALS Level 1

2. Diphenhydramine HCL (Benadryl) 50 mg IM or 25 mg IV.

ALS Level 2 (Physician Authorization Required)

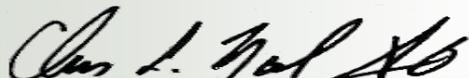
None



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Approved by:


Charles Neal, D.O. Medical Director



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Moderate Reactions

Definition: Edema, hives, dyspnea, wheezing, and stable vital signs with a systolic BP ≥ 90 mmHg.

Supportive Care

1. [Trauma Supportive Care Protocol.](#)

ALS Level 1

2. Epinephrine (1:1,000) 0.3 mg SQ (a)(b).
3. Diphenhydramine HCL (Benadryl) 50 mg IM or 25 mg IV.
4. If patient remains in respiratory distress, administer Albuterol (Ventolin) 2.5 mg in 3 ml of normal saline (0.083%) via [nebulizer](#).

ALS Level 2 (*Physician Authorization Required*)

5. Repeat Epinephrine (1:1,000) 0.3-0.5 mg SQ (a)(b).

Severe Reactions

Definition: Edema, hives, severe dyspnea and wheezing, unstable vital signs with a systolic BP < 90 mmHg, and possible cyanosis and laryngeal edema.

Supportive Care

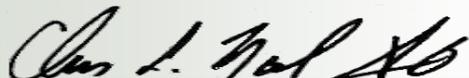
1. [Trauma Supportive Care Protocol.](#)



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ALS Level 1

2. Epinephrine (1:1,000) 0.3-0.5 mg SQ (a)(b).
3. Diphenhydramine HCL (Benadryl) 50 mg IV.
4. If patient remains in respiratory distress, administer Albuterol (Ventolin) 2.5 mg in 3 ml of normal saline (0.083%) via [nebulizer](#).
5. Consider need for intubation.

ALS Level 2 (*Physician Authorization Required*)

6. Consider [Epinephrine](#) (1:10,000) 0.3 mg SLOW IV in 0.1 mg increments over 2 minutes (a)(b).

Notes

- (a.) **Administration of Epinephrine when the patient has a history of heart disease may induce angina, MI, or life threatening arrhythmias. Use with caution.**
- (b) The [EPI-PEN](#) may be used if other means of Epinephrine administration are not available.



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