

Good Samaritan Health & Wellness Center
Policies and Procedures

Subject: ANAPHYLAXIS/ALLERGIC RESPONSE PROTOCOL

Policy #: 5.3

Prepared by:

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Approved by: Board of Directors

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5.3 Anaphylaxis/Allergic Response Protocol

OBJECTIVE: To recognize and treat anaphylactic reactions in patients that present to the health center.

PROCESS/PROCEDURE:

Severe Reaction

The following symptoms are considered to be signs of a severe allergic reaction:

- Bronchospasm
- Laryngeal edema
- Hypotension
- Shock
- Cardiac collapse
- Generalized flush
- Pruritus
- Urticaria
- Significant facial edema

When a patient presents with any of the above signs or symptoms the following protocol must be initiated:

1. **NEVER** leave the patient alone. Place the patient in an upright position to facilitate breathing. Call for help from staff. **Designate a staff member to call 911.**
2. Promptly institute airway maintenance and administer oxygen therapy.
3. Establish an IV line.
4. Administer Epic-pens.
5. If bronchospasm is present, administer Albuterol via nebulizer at the following dosages:
 - a. Children: 0.1-0.15 mg/kg in 2cc saline;
 - b. Adults: 2.5mg (0.5 cc of 0.5% solution) in 2cc saline.
6. Monitor and record all vital signs every 5 minutes.
7. Transport to hospital via EMS.

Moderate Reaction

The following symptoms are considered to be signs of a moderate allergic reaction:

- Generalized flush
- Urticaria without respiratory distress and/or abnormal blood pressure
- Pruritus without respiratory distress and/or abnormal blood pressure

ANAPHYLAXIS/ ALLERGIC RESPONSE PROTOCOL

When a patient presents with any of the above signs or symptoms the following protocol must be initiated:

1. Administer epinephrine 1:1000 subcutaneously in upper arm in the following dosages (may be repeated in 10-20 minutes):
 - a. Infants: 0.05-0.1ml;
 - b. Children: 0.1-0.3ml;
 - c. Adults: 0.3-0.5ml.
2. Monitor and record all vital signs every 10 minutes or sooner with any changes in status.
3. Prescribe Benadryl 1-2mg/kg orally every 6 hours for the next 48 hours.
4. Call patient to follow up in 12-24 hours.

Mild Reaction

Signs and symptoms of a mild allergic reaction are pruritus, erythema, or urticaria with normal blood pressure and no wheezing.

When a patient presents with any of the above signs or symptoms the following protocol must be initiated:

1. Administer epinephrine subcutaneously (as per number 1 above)
- OR
2. Administer one of the following:
 - a. Hydroxyzine 0.5-1mg/kg, either IM or PO;
 - b. Diphenhydramine 1-2 mg/kg, either IM or PO, maximum dose of 100mgs.
3. Prescribe oral antihistamine (as directed in number 2 above).
4. Apply ice to affected site and elevate extremity.