Clinical Indications:
1. Patient exposed to allergen and displays **systemic** signs and symptoms such as:
   a. **Mental status:** Anxiety, sense of impending doom, confusion, unconscious
   b. **Onset:** Sudden, but can be more than an hour after exposure
   c. **Skin/vascular system:** Severe flushing, rash or hives, edema to the face and neck
   d. **Respiration:** Severe bronchoconstriction (wheezing), laryngospasm (stridor), difficulty breathing
   e. **GI system:** Severe cramps. Abdominal rumbling, diarrhea, vomiting
   f. **Vital Signs:** Early signs include increased heart rate and respiratory rate. Late signs included falling respiratory rate and blood pressure, shock

Contraindications:
1. Use caution with patients who are >50 years of age and patients with cardiac history
   a. Patients >50 years of age should receive pediatric dose (0.15 mg)

Equipment:
1. PPE
2. Epinephrine auto-injector (adult and pediatric)
3. Alcohol prep pads
4. Sharps container

Procedure:
1. Activate 9-1-1 if not already activated
2. Assess patient to confirm indications are met
   a. Remove allergens
   b. Manage life threats, airway, breathing and circulation
3. Consider aseptic technique if appropriate
4. Administer appropriate epinephrine auto-injector (record time of administration)
   a. **Adult auto-injector:** 15 through 49 years of age
   b. **Pediatric auto-injector:** 0 through 15 years of age and > 50 years of age
5. Continue to monitor, reassess and treat patient
   a. Be ready to support ventilations
   b. Secondary administration should be via IV route by a Paramedic

Special Considerations:
1. Manufacturer instructions should be included in all Agency specific training

Treatment Guidelines:
1. A04, P02