Epinephrine 1:1,000
Optional Supplemental Program

• Key Points as listed in the Protocols effective July 1, 2016.
Epinephrine 1:1,000
Optional Supplemental Program

- Indications for Adult administration
- Moderate to severe allergic reaction with respiratory distress or mild allergic reaction with history of life-threatening allergic reaction
- Signs and symptoms include
  - Moderate - Hives, Mild Wheezing
  - Severe - Diffuse wheezing, pharyngeal swelling, dyspnea, hypoperfusion, abnormal skin color, stridor, and/or loss of peripheral pulses
- Medical Consultation is required for the Administration of Epinephrine to Adult Asthma Patients.

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Epinephrine 1:1,000
Optional Supplemental Program
Pediatric Epinephrine administration indications.

Moderate to severe allergic reaction with respiratory distress or mild allergic reaction with history of life-threatening allergic reaction, and severe asthma.

Signs and symptoms include:

- Moderate - Hives, Mild Wheezing
- Severe - Diffuse wheezing, pharyngeal swelling, dyspnea, hypoperfusion, abnormal skin color, stridor, and/or loss of peripheral pulses
Epinephrine 1:1,000
Optional Supplemental Program
Epinephrine 1:1,000
Optional Supplemental Program

- Adverse Effects of Administration
  - Tachycardia/Palpitations
  - Angina
  - Headache
  - Nausea/Vomiting
  - Dizziness
  - Hypertension
  - Nervousness/Anxiety
  - Tremors
Epinephrine 1:1,000
Optional Supplemental Program

• Precautions
  ➢ Unless in severe allergic reaction or severe asthma, Medical Consultation must be obtained before administering to
    ➢ Pregnant patients
    ➢ Cardiac patients
    ➢ Adult Asthma patients
Epinephrine 1:1,000
Optional Supplemental Program

• No Contraindications in the presence of Anaphylaxis.

• Anaphylaxis defined- Diffuse wheezing, pharyngeal swelling, dyspnea, hypo-perfusion, abnormal skin color, stridor, and or loss of peripheral pulses
Epinephrine 1:1,000
Optional Supplemental Program

Epinephrine to be supplied in Vial or Ampule form: 1 mg = 1 ml of Epinephrine 1:1,000
Epinephrine 1:1,000
Optional Supplemental Program

- Dosing for Intramuscular (IM) Administration
  - 5 years of Age and Older
    - 0.5 mg = 0.5 ml of Epinephrine 1:1,000

22 ga Needle
1 inch long
Epinephrine 1:1,000
Optional Supplemental Program

- Dosing for Intramuscular (IM) Administration
  - Pediatric patients less than 5 years of age
    - 0.15 mg = 0.15 ml Epinephrine 1:1,000

22 ga Needle
1 inch long
Epinephrine 1:1,000
Optional Supplemental Program

Additional Doses may be administered with medical Consultation.
Epinephrine 1:1,000
Optional Supplemental Program
Site Preparation

- Expose area of injection to bare skin.
- Find landmarks for injection site
- Clean area with alcohol swab in expanding circular motion

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Epinephrine 1:1,000
Optional Supplemental Program

- Primary Intra-muscular injection site.
Epinephrine 1:1,000
Optional Supplemental Program

- Alternate Intra-muscular injection site.
Epinephrine 1:1,000
Optional Supplemental Program

• Post administration
  – Apply direct pressure with gauze pad rubbing site through pad for 30 seconds
  – Apply taped gauze pad or Band-Aid to site
Epinephrine 1:1,000
Optional Supplemental Program

• Important steps to remember
  – Indications, contraindications, precautions
  – Correct dose and drawing up
  – Site selection
  – Site Preparation
  – Post site care