**CHECK & INJECT EPINEPHRINE**

**BLS PROCEDURE**

**Indications**

- Patients experiencing anaphylactic reaction and/or severe asthma. The following symptoms may be present:
  - Stridor
  - Severe abdominal pain
  - Tachycardia
  - Shock (SBP <100)
  - Bronchospasm/wheezing/diminished breath sounds
  - Edema of the tongue, lips, face
  - Generalized urticaria/hives
  - Respiratory distress (nasal flaring or grunting in pediatric patients)

**Equipment**

- **Epinephrine** (1mg/ml) Check & Inject safety kit (syringe, needle, alcohol prep, and bandage)

**SPECIAL CONSIDERATIONS**

- Elderly patients with signs of anaphylaxis and history of hypertension or heart disease should still be given Epinephrine. If concerned, PHYSICIAN CONSULT

**PHYSICIAN CONSULT**

- Treatment indication is severe asthma
- Necessity of second dose

**If patient’s condition does not improve in 5 minutes**

- PHYSICIAN CONSULT for second Epinephrine injection

- Monitor for response/side effects
- Document assessment, VS every 5 min, and medication dosage
- Transfer care to ALS personnel as soon as possible

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**BLS RMC**

- Remove allergens
- Verify need for Epinephrine

**Confirm correct medication and check expiration date**

- Clean injection site with alcohol prep
- Insert needle into medication vial, draw up desired dose and remove air bubbles from syringe

**Triple check dose amount**

- Insert needle into patient’s anterior mid-thigh at a 90 degree angle
- Inject Epinephrine
  - Adult: 0.3mg (0.3ml) IM (weight >30kg/66 lbs)
  - Child: 0.15mg (0.15ml) IM (weight <30kg/66 lbs)
- Remove needle, engage safety device and place in sharps container
- Massage site for 15 seconds and place bandage

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**If patient’s condition does not improve in 5 minutes**

- PHYSICIAN CONSULT for second Epinephrine injection

- Monitor for response/side effects
- Document assessment, VS every 5 min, and medication dosage
- Transfer care to ALS personnel as soon as possible