

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)

- 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

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

Equipment

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

📞 PHYSICIAN CONSULT

- Treatment indication is severe asthma
- Necessity of second dose

SPECIAL CONSIDERATIONS

- Elderly patients with signs of anaphylaxis and history of hypertension or heart disease should still be given **Epinephrine**. If concerned, 📞 **PHYSICIAN CONSULT**
- Training shall include the manufacturer's instructions, as well as demonstration of skills competency every two years after initial training according to Title 22, Div 9, Chapter 2
- Training in this procedure is the responsibility of the provider agency who desires to utilize this procedure. A two hour training program approved by the EMS Agency as stated in the regulations including copies of the proposed lesson plan, tests and skills test checklist shall be submitted to the EMS Agency for review.