

ADMINISTRATION OF EPINEPHRINE CHECK & INJECT BLS PROCEDURE

ALWAYS USE STANDARD PRECAUTIONS

INDICATION

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

PHYSICIAN CONSULT

- Treatment indication is severe asthma
- Necessity for second dose

EQUIPMENT/ DOSAGE

- Epinephrine 1:1,000 Check & Inject safety kit (includes syringe, needle, alcohol prep and bandage)
 - Adult (0.3 mg IM/ 0.3 ml) (weight >30 kg/ 66 lbs)
 - Child (0.15 mg IM/ 0.15 ml) (weight <30 kg/ 66 lbs)

PROCEDURE

- BLS RMC
- Remove allergens
- Administer appropriate weight-based Epinephrine dose
- Injection procedure:
 1. Verify need.
 2. Confirm correct medication and check expiration date.
 3. Clean injection site with alcohol prep.
 4. Insert needle into medication vial, draw up desired dose and remove air bubbles from syringe.
 5. Triple check dose amount
 6. Insert needle into patient's anterior mid-thigh at a 90 degree angle.
 7. Inject medication.
 8. Remove needle, engage safety device and place in sharps container.
 9. Massage site for 15 seconds. Place bandage.
 10. Reassure patient and monitor for response/ side effects
 11. Obtain vital signs every 5 minutes.
 12. Document assessment, VS, and medication dosage. Update ALS upon arrival.

SPECIAL CONSIDERATION

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