



## Procedure 708: Push-Dose Epinephrine Mixing Instructions

Revision 5/22/18  
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❖ Indications:

- Suspected Septic Shock unresponsive to fluid resuscitation.
- Distributive (spinal and anaphylactic) Shock unresponsive to fluid resuscitation.
- Cardiogenic Shock unresponsive to initial fluid challenge (250 mL **Normal saline**) or presenting with
- Evidence of pulmonary edema (pulmonary basilar rales).

❖ Contraindications:

- Hypovolemic Shock (hemorrhage or dehydration) prior to fluid resuscitation and volume replacement.
- Non-shock (perfusing) states
- Suspected stimulant drug intoxication

❖ Procedure:

- Base Hospital contact and order required.
- Mixing instructions:
  - Draw Epinephrine 1 mL of 0.1 mg/mL preparation (cardiac Epinephrine) into syringe.
  - Into that syringe, withdraw 9 mL of Normal saline from the patient's IV bag. Shake well.
  - Mixture now provides 10 mL of Epinephrine at a 10 mcg/mL concentration.
- Push-dose:
  - 0.5 mL (5 mcg) IV/IO, every 3 minutes, titrate to SBP > 90.
  - If persistent hypotension in anaphylactic shock use 1 mL (10mcg) very slow IV/IO every 3-5 min with Base Station order (see Protocol 700-M2 Allergic Reaction/Anaphylaxis)

