



Procedure 708: Push-Dose Epinephrine Mixing Instructions

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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)

