



**Preparation and Dosing of Push Dose Epinephrine -
Adult/Adolescent**

INDICATIONS:

1. Suspected Septic Shock unresponsive to fluid resuscitation.
2. Distributive (spinal) Shock unresponsive to fluid resuscitation.
3. Cardiogenic Shock unresponsive to initial fluid challenge (250 mL normal saline) or presenting with evidence of pulmonary edema (pulmonary basilar rales).

CONTRAINDICATIONS:

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

PROCEDURE:

Mixing instructions:

- Take the epinephrine preparation of 1 mg in 10 mL (0.1 mg/mL - cardiac epinephrine) and waste 9 mL of the epinephrine solution.
- 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:

- 1.0 mL (10 mcg) IV/IO, every 3 minutes, titrate to a SBP > 90.

NOTE: Base Hospital contact and order are no longer required.

Approved:

Carl Schultz, MD

Review Date: 01/26
Final Date for Implementation: 04/01/2026
OCEMS copyright © 2026