



ORANGE COUNTY EMERGENCY MEDICAL SERVICES
ADVANCED LIFE SUPPORT PROCEDURES
Preparation and Dosing of Push Dose Epinephrine -
Adult / Adolescent

#: PR-230
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Original Date: 11/01/2016
Revised: 10/01/2026

INDICATIONS / CONSIDERATIONS:

- ROSC.
- Shock unresponsive to initial fluid bolus.
- Symptomatic bradycardia unresponsive to atropine and transcutaneous pacing.
- Deteriorating patient condition with unknown shock etiology.

CONTRAINDICATIONS:

- Hemorrhagic Shock.

PROCEDURE:

Recommended Preparation:

1. Obtain epinephrine 1 mg in 10 mL (0.1 mg / mL; cardiac epinephrine).
2. Waste 9 mL from the syringe, leaving 1 mL (0.1 mg).
3. Withdraw 9 mL of normal saline into syringe.
4. Gently mix.
5. Final concentration: 10 mL total volume at 10 mcg / mL.

Administration:

- Administer 1 mL (10 mcg) IV / IO every 3 minutes.
- Titrate to maintain systolic blood pressure (SBP) > 90 mmHg.

Approved:

[Signature] MD

Review Date: 01/26; 05/26
Final Date for Implementation: 04/01/2027