



**El Dorado County Emergency Medical
Services Agency**
Quick Reference

Revised Date: July 1, 2020

Medication Profile

Neosynephrine
(Phenylephrine)

Class:

Synthetic Sympathomimetic Agent

Action:

Produces long-acting vasoconstriction without chronotropic or inotropic actions on the heart.

Onset: Immediate

Peak: 1-5 minutes

Duration: 20-50 minutes

Adult Administration:

1-2 spray(s) per effected nare

Pediatric Administration:

1-2 spray(s) per effected nare

Indications:

Epistaxis

Contraindications:

Hypersensitivity/allergy
Severe Hypertension
Ventricular tachycardia
Closed-angle glaucoma

Side Effects:

Headache, Reflex Bradycardia, Excitability, Restlessness

Pregnancy:

Category C

Notes:

- Adverse effects are minimal when Neosynephrine is applied topically