



EMS System for Metropolitan Oklahoma City and Tulsa 2026 Medical Control Board Treatment Protocols



Approved 9/17/25, Effective 1/15/26, replaces all prior versions

16KK – PHENYLEPHRINE 2% (NEOSYNEPHRINE[®])

EMT	Active epistaxis only - 9C
EMT-INTERMEDIATE 85	
ADVANCED EMT	
PARAMEDIC	

Class: Topical Nasal Vasoconstrictor

Actions/Pharmacodynamics: Phenylephrine is a direct-acting sympathomimetic amine. It stimulates alpha receptors in the blood vessels of the nasal mucosa which causes their constriction, thereby decreasing the risk of subsequent nasal bleeding.

Indications: Nasal Intubation (2H)
Epistaxis (9C)

Contraindications: None in the indicated settings.

Pharmacokinetics: Onset of action is within seconds.

Side Effects: Rare with single dose. It is rarely absorbed systemically from nasal instillation.

Dosage: **Nasal Intubation - Adult (2H)**
2 sprays in each nostril

Epistaxis - Adult & Pediatric (9C)

2 - 4 sprays in affected nostril(s) for control of epistaxis (with compression of nose immediately after administration)

How Supplied: Phenylephrine Nasal Spray 1% solution, 15 mL squeeze bottle for single patient use only.
(Always check concentration and dose per container at time of patient medication administration)