



EMS System for Metropolitan Oklahoma City and Tulsa 2025 Medical Control Board Treatment Protocols



EMS SECTION

Approved 9/04/24, Effective 1/15/25, replaces all prior versions

16KK – PHENYLEPHRINE 2% (NEOSYNEPHRINE®)

EMT
EMT-INTERMEDIATE 85
ADVANCED EMT
PARAMEDIC

Active epistaxis only - 9C

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)