



## EMS System for Metropolitan Oklahoma City and Tulsa 2021 Medical Control Board Treatment Protocols



Approved 9/9/20, Effective 1/15/21, 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)