



**REGION 11 CHICAGO EMS SYSTEM
DRUG TABLE**

Drug Name: Nitroglycerin

Approved: EMS Medical Directors Consortium

DRUG NAME - GENERIC	Nitroglycerin
DRUG NAME - TRADE	Nitrostat
DRUG CLASSIFICATION	Vasodilator
DOSAGE FORMS	0.4 mg (1/150 gr) tablet, OR 0.4 mg metered dose spray
ACTION(S)	- Smooth muscle relaxant resulting in peripheral vasodilation.
INDICATIONS	- Ischemic chest pain (angina, AMI), pulmonary edema
CONTRAINDICATIONS	- SBP < 100 mm Hg - Known or documented hypersensitivity - Recent use of erectile dysfunction medications (sildenafil (Viagra® – within last 24 hours), tadalafil (Cialis® – within last 48 hours), vardenafil (Levitra® – within last 48 hours), or other phosphodiesterase-5 inhibitors - Pulmonary hypertension medications (Revatio, Adempas, sildenafil, riociguat) may increase the effects of nitrates - Caution in patients with concern for inferior wall/right ventricular myocardial infarction
ADULT DOSE / ROUTE	- BLS Cardiac Chest Pain: Assist patient with 0.4 mg sublingual tablet or 0.4 mg SL spray. May repeat q 3-5 minutes for continued chest pain if systolic BP ≥ 100. (Max 3 doses) - ALS Suspected ACS/Pulmonary Edema: 0.4 mg sublingual tablet (1/150 gr) OR 0.4 mg SL spray. May repeat q 3-5 minutes for continued CP if systolic BP ≥ 100. (Max 3 doses)
PEDIATRIC DOSE / ROUTE	N/A
SIDE EFFECTS	- Headache, hypotension, nausea/vomiting, flushing, orthostatic hypotension/syncope