



**REGION 11
CHICAGO EMS SYSTEM
DRUG TABLE**

Drug Name: Nitroglycerin
Approved: EMS Medical Directors Consortium
Effective: August 1, 2022

DRUG NAME - GENERIC	Nitroglycerin
DRUG NAME - TRADE	Nitrostat
DRUG CLASSIFICATION	Vasodilator
DOSAGE FORMS	0.4 mg sublingual tablet, bottle
ACTION(S)	Smooth muscle relaxant resulting in peripheral vasodilation
INDICATIONS	Ischemic chest pain (angina, AMI), pulmonary edema
CONTRAINDICATIONS	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • BLS Cardiac Chest Pain: Assist patient with 0.4 mg sublingual tablet. 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. 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