



Section 13: Appendix 1: Medications

NITROGLYCERINE (NITRO-STAT)

Pregnancy Category - C

E	EMT	E
A	AEMT	A
P	PARAMEDIC	P

ACTIONS	<ol style="list-style-type: none"> 1. Vasodilatation 2. Coronary artery dilation 3. Decreases myocardial oxygen demand 4. Decreases vascular resistance
INDICATIONS	<ol style="list-style-type: none"> 1. Suspected ischemic chest pain / AMI 2. Hypertensive emergency with signs and symptoms of ACS 3. Pulmonary edema
CONTRAINDICATIONS	<ol style="list-style-type: none"> 1. Hypotension 2. Known hypersensitivity 3. Use of Viagra or similar erectile dysfunction medications within 48 hours
PRECAUTIONS	<ol style="list-style-type: none"> 1. Use caution in patients with inferior wall MI (Elevation in leads II, III, AVF) 2. Avoid use in patients with increased intracranial pressure or glaucoma 3. If the patient becomes hypotensive after nitroglycerine administration, then place the patient in a semi-reclined position with legs elevated and give IV normal saline bolus
SIDE EFFECTS	<ol style="list-style-type: none"> 1. Hypotension 2. Throbbing headache 3. Lightheadedness / dizziness 4. Syncope
SUPPLIED	0.4 mg SL tablet
ADULT DOSAGE	<p>Cardiac Chest Discomfort / AMI: 0.4 mg SL (may be repeated up to 3 doses total) EMT CONTACT MEDICAL CONTROL</p> <p>Pulmonary Edema / CHF: 0.4 mg SL (may be repeated up to 3 doses total)</p> <p>Esophageal Foreign Body: 0.4 mg SL</p>
PEDIATRIC DOSAGE	Not recommended in prehospital setting
KEY POINTS	<ul style="list-style-type: none"> • May repeat up to 3 doses if B/P systolic > 110 with IV or 120 without IV • Assure that patient does not chew or swallow tablets
PROTOCOL USE	<ul style="list-style-type: none"> • Acute Coronary Symptoms • Adult Esophageal Foreign Body Obstruction