

ORAL GLUCOSE

INDICATIONS: **Hypoglycemia** Signs and symptoms of an altered mental status resulting from hypoglycemia. For agencies approved to check finger stick blood glucose levels, a FSBG<60 mm/dL is hypoglycemia (Any patient with a history of diabetes, presenting with an altered mental status, may be treated regardless of FSBG values.)

CONTRAINDICATIONS: Patient is unable to speak or swallow

CAUTIONS: All patients on oral hypoglycemic medications or long-acting insulin, who have been treated for potential hypoglycemia, should be transported. Treatment should **not** be withheld from patients with a stroke-like presentation, as this is likely due to hypoglycemia.

ADVERSE EFFECTS: None clinically significant

HOW SUPPLIED: 15-24 grams of glucose in various concentrations based on individual manufacturers. (TYPICALLY)

OVER →

Updated May 2025

EPINEPHRINE

(Auto-Injector or Syringe Epinephrine for EMT)

INDICATIONS: **Anaphylaxis and Allergic Reaction.** If symptoms of shock, airway swelling or respiratory distress are present as the result of an allergic reaction, the provider may:

1. Assist the patient in administering the kit's contents (the patient has their own anaphylaxis kit)
2. Administer the Auto-Injector or Epinephrine by syringe (Syringe Epinephrine for EMT)

CONTRAINDICATIONS : None in the presence of anaphylaxis

CAUTIONS: Medical Control **must be contacted** if the patient is not prescribed an Epinephrine Auto-Injector. Medical control **should be** contacted before administering to pregnant or cardiac patients.

OVER →

Updated May 2025

NALOXONE (Narcan)

INDICATIONS: **Opioid (Narcotic) Overdose:** Unconscious with ineffective breathing and concerns for opiate use

CONTRAINDICATIONS: None in the presence of respiratory depression or respiratory arrest

CAUTIONS: Naloxone may induce opiate withdrawal in patients who are physically opiate dependent

ADVERSE EFFECTS: Tachycardia / Palpitations, Hypertension, Diaphoresis, Nausea / Vomiting

HOW SUPPLIED: Prefilled Syringe 2 mg / 2 mL (TYPICALLY) or 4mg / 0.1ml

DOSAGES: **ADULT (>30 kg or 66 lbs)** 2 mg IN (1 mg into each nostril) via Mucosal Atomization Device (may repeat once if necessary to maintain respiratory activity) Or 4mg in one nostril

PEDIATRIC (<30 kg or 66 lbs) 1 mg IN (0.5 mg into each nostril) via Mucosal Atomization Device (may repeat once if necessary to maintain respiratory activity) Or 4mg in one nostril

Updated May 2025

ORAL GLUCOSE cont.**DOSAGES: ADULT (>30 kg or 66 lbs)**

Administer 15-24 grams of glucose between the gum and cheek to conscious patient.
(may require multiple smaller administrations)

PEDIATRIC (<30 kg or 66 lbs)

Administer 15-24 grams of glucose between the gum and cheek to conscious patient.
(may require multiple smaller administrations)

EPINEPHRINE (Auto-Injector) cont.

If Epinephrine has been given, Medical Control should be consulted prior to RMA
(Do not delay transporting the patient while waiting for ALS to arrive at the scene)

ADVERSE EFFECTS: Tachycardia / Palpitations, Dizziness, Nausea/Vomiting, Chest Pain, Hypertension, Nervousness / Anxiety, Headache, Tremors

HOW SUPPLIED: Epinephrine Auto-Injector (Patient prescribed or EMS service authorized) or Syringe Epinephrine

ADULT: 0.3 mg (EpiPen) or Syringe Epinephrine

PEDIATRIC: 0.15mg (EpiPen Jr) or Syringe Epinephrine

DOSAGES: ADULT (>30 kg or 66 lbs) One (1) Adult Auto Injector (0.3 mg Epi) or 0.3mg Epinephrine via Syringe –if no improvement within 5 minutes you may repeat once

PEDIATRIC (<30 kg or 66 lbs) One (1) Pediatric Auto Injector (0.15 mg Epi) or 0.15mg Epinephrine via Syringe- if no improvement within 5 minutes you may repeat once

NITROGLYCERIN (Nitro)

INDICATIONS: Cardiac Related Problem / Chest Pain - Including signs and symptoms of: retrosternal pain, heaviness, tightness or discomfort in the chest, radiation of pain or discomfort into jaw, arms or shoulders

CONTRAINDICATIONS: Systolic BP below 120 mmHg, Heart rate < 50 bpm or > 130 bpm, Medication not prescribed for the patient, In any patient who took medication for erectile dysfunction (Viagra™, Levitra™, Cialis™ or similar) within past 72 hours.

CAUTIONS: If systolic BP drops more than 20 mmHg, obtain medical consultation before further administration.

ADVERSE EFFECTS: Hypotension, Headache, Dizziness, Tachycardia

HOW SUPPLIED: 0.4 mg tablet (TYPICALLY) Nitro Spray

DOSAGES: ADULT (>30 kg or 66 lbs) 1 tablet (1 Spray) sublingual (under the tongue) (may assist patient with his/her prescribed nitroglycerin, up to 3 doses 5 minutes apart if chest pain persists and systolic BP>120mmHG)

PEDIATRIC (<30 kg or 66 lbs) NOT INDICATED

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ASPIRIN

INDICATIONS: Cardiac Related Problem / Chest Pain – For patients presenting with suspected cardiac chest pain, angina, or an anginal equivalent. Including signs and symptoms of: retrosternal pain, heaviness, tightness or discomfort in the chest, radiation of pain or discomfort into jaw, arms or shoulders.

CONTRAINDICATIONS : Known Allergy (Hypersensitivity), Active GI Bleeding

CAUTIONS: GI Bleeding and upset, Already taken prior to EMS arrival, must be able to chew

ADVERSE EFFECTS: Heartburn, Nausea / Vomiting, Wheezing

HOW SUPPLIED: 81 mg tablets (TYPICALLY)

DOSAGES: ADULT (>30 kg or 66 lbs) 324 mg (4 x 81 mg tablets)

PEDIATRIC (<30 kg or 66 lbs) NOT INDICATED

Updated May 2025

ALBUTEROL (Proventil, Ventolin)

INDICATIONS: Dif. Breathing – Asthma / COPD / Wheezing

CONTRAINDICATIONS : Known Allergy (Hypersensitivity)

CAUTIONS: Patient must have been prescribed a hand held aerosol inhaler. If patient has not previously had albuterol, contact medical control **prior** to administration

ADVERSE EFFECTS: Tachycardia / Palpitations, Dizziness, Hypertension, Headache, Angina, Sweating, Nervousness / Anxiety, Nausea / Vomiting, Tremors, Sore Throat

HOW SUPPLIED: Plastic Ampule of 2.5 mg / 3 mL (0.083% solution) (TYPICALLY)

DOSAGES: ADULT (>30 kg or 66 lbs) 1 ampule (2.5 mg) (may repeat to a total of three doses if symptoms persist)

PEDIATRIC (<30 kg or 66 lbs) 1 ampule (2.5 mg) (may repeat to a total of three doses if symptoms persist)

Updated May 2025

Ipratropium (Atrovent)

INDICATIONS: Dif. Breathing – Asthma / COPD / Wheezing

CONTRAINDICATIONS: Known Allergy (Hypersensitivity) to Ipratropium, Atropine or derivatives

CAUTIONS: Patient must have been prescribed a hand held aerosol inhaler. If patient has not previously had Ipratropium contact medical control prior to administration

ADVERSE EFFECTS: Dry mouth, Cough, Headache, Nausea, Dizziness, difficulty breathing

HOW SUPPLIED: Plastic Ampule of 0.5 mg / 2.5mL

DOSAGES: ADULT (>30 kg or 66 lbs) 1 ampule (0.5 mg/2.5 mL) combined with Albuterol (may repeat to a total of three doses if symptoms persist)

PEDIATRIC (<30 kg or 66 lbs) 1 ampule (0.5 mg/2.5 mL) combined with Albuterol (may repeat to a total of three doses if symptoms persist)

A combination unit dose (such as a DuoNeb®) may be substituted for Albuterol 2.5 mg in 3 mL (unit dose) & Ipratropium (Atrovent) 0.5 mg in 2.5 mL (unit dose) mixed together

Moxifloxacin

INDICATIONS: Open fracture / Amputation with delayed extrication or arrival to definitive care

CONTRAINDICATIONS : Known Allergy (Hypersensitivity)

CAUTIONS: Heart Conditions, Diabetes, Seizures, Myasthenia Gravis

ADVERSE EFFECTS: Nausea, Diarrhea, Headache, Dizziness, Nervousness, Agitation, Nightmares, Seizures, Heart rhythm problems

HOW SUPPLIED: 400 mg Tablet

DOSAGES: ADULT ONLY(>30 kg or 66 lbs) 400 mg PO