

ADULT MEDICATIONS AUTHORIZED/ STANDARD DOSE

DRUG	CONCENTRATION	STANDARD DOSE
Acetaminophen (Tylenol / Ofirmev)	1000 mg/ 100 ml	<i>Pain:</i> 1000 mg IV over 15 – 20 min.
Adenosine (Adenocard)	6 mg/ 2 ml	6 mg 1 st dose, 12 mg 2 nd dose (rapid IV/IO push) followed by 20 ml saline flush after each dose
Albuterol	2.5 mg/ 3ml NS	5 mg/ 6 ml NS; (MDI: Fireline only)
Amiodarone	150 mg/ 3ml	<i>VFib or Pulseless VTach:</i> 300 mg IV/ IO push followed by one 150MG push in 3-5 min. <i>Perfusing/Recurrent VTach</i> –150 mg IV/ IO over 10 min. (15 mg/ min); MR q 10 min. as needed
Aspirin (chewable)	Variable	162-325 mg PO
Atropine	1 mg/ 10 ml	<i>Bradycardia:</i> 0.5 mg IV/ IO, MR q 3-5 min. to max of 3 mg. <i>Organophosphate Poisoning:</i> 2.0 mg slowly IV/ IO; MR 2-5 min. until drying of secretions
Calcium chloride 10%	1 GM/ 10 ml	<i>Crush syndrome:</i> 1gm IV/ IO slowly over 5 min. for suspected hyperkalemia (flush line with NS before & after administration)
Dextrose 10%	25 GM/250 ml	125 ml bolus IV/IO over 10 minutes; recheck BG and repeat as needed
Diphenhydramine (Benadryl)	50 mg/ 1ml	<i>Allergic reaction:</i> 50 mg IV/ IO/ IM; max 50 mg <i>Phenothiazine reaction:</i> 1 mg/ kg slowly IV/ IO; max 50 mg. <i>Motion sickness:</i> 1 mg/kg IM/IV to maximum dose of 50 mg; maximum IV rate is 25 mg/minute
Epinephrine	1 mg/ 1ml EpiPen® (0.3mg) auto-injector (or EMS Agency approved equivalent)	<i>Allergic Reaction/ Anaphylaxis:</i> 0.3mg IM or EpiPen®; MR x 1 in 5 minutes <i>Bronchospasm/ Asthma/ COPD:</i> 0.3mg IM or EpiPen®; MR x 1 in 5 minutes
Epinephrine	0.1mg/ 1ml	<i>Cardiac Arrest:</i> 1mg (10 ml) IV/ IO followed by 20 ml NS flush q 3-5 min.

Epinephrine (Push-Dose)	0.1mg/ 1 ml	☠ SBP<80 in Pulmonary Edema, Pacing, Bradydysrhythmias, Non-Traumatic Shock, Anaphylaxis, Sepsis: Mix 1mL Epinephrine (0.1mg/mL concentration) with 9mL Normal Saline in a 10mL syringe. Administer 1mL IV/IO every 3-5 minutes, titrate to maintain a SBP >80mmHg
Fentanyl (Sublimaze) * opioid	100 mcg/ 2 ml	Pain Management: IV/IO: 50 mcg slowly; MR q 5 minutes, max. dose 200 mcg. IN: 1 mcg/kg (administer ½ dose in each nare; max. single dose = 100 mcg). IM: 1 mcg/kg; max. single dose = 100 mcg; MR in 30 minutes at ½ initial dose.
Glucose Paste	15 GM / tube	30 GM PO
Glucagon	1 mg/ vial	1 mg IM
Ipratropium (Atrovent)	500 mcg per unit dose (2.5 ml)	500 mcg
Lidocaine 2% (preservative free)	20 mg / 1 ml	IO insertion: infuse 20-40 mg IO over 30-60 seconds
Nerve gas Auto-Injector Kit contains: Atropine Pralidoxime Chloride (2 PAM)	2 mg (0.7 ml) 600 mg (2 ml)	Small Exposure to vapors/ liquids: 1 dose of both medications (Atropine & 2-PAM), MR X1 in 10 minutes. Larger exposure to liquids/ vapors: 3 doses initially (both medications)
Midazolam (Versed)	2 mg/2 ml (IV/IO/IM) 5 mg/1 ml (IN)	Cardioversion/ Pacing/Seizure: 1 mg slow IV/ IO; MR 1 mg q 3 min.; Max dose = 0.05 mg/kg For IN: 5 mg (2.5 mg in each nostril). For IM: 0.1 mg/kg; MR x 1 in 10 minutes. Sedation: see specific policy
Morphine Sulfate * opioid	10 mg/ 1ml	Chest Pain: 2-5 mg slow IV/IO; MR q 2-3 min. to max of 10 mg Pain Management/ Trauma Patient: 5 mg slow IV/ IO, MR q 5 min if SBP >100; max dose 20 mg
Naloxone (Narcan)	2 mg/ 2 ml	0.4 - 4.0mg IV/IO/IM/IN; MR as necessary
Nitroglycerine	0.4 mg/ tablet or spray	1 SL; MR q 5 min. if SBP > 100
Ondansetron (Zofran)	4 mg	4 mg ODT/IM or slow IV over 30 seconds; MR x 1 in 10 minutes
Sodium Bicarbonate	50 mEq/ 50 ml	1 mEq/ kg IV/ IO

NOTE: If the above concentrations become unavailable, providers may use alternate available concentrations or packaging.