

Initiated: 9/92
Reviewed/revised: 5/21/08
Revision: 15

**MILWAUKEE COUNTY EMS
STANDARD OF CARE
MEDICATION LIST**

Approved by: Ronald Pirrallo, MD, MHSA
Signature:
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MEDICATION	USUAL ADULT DOSE	USUAL PEDS DOSE	MONITOR, REPORT, DOCUMENT	CONTRAINDICATIONS
Adenosine 6mg in 2 cc vial 12mg in 4cc Prefilled syringe	1 st dose - 6 mg rapid IV 2 nd dose - 12 mg rapid IV 3 rd dose - 12 mg rapid IV	1 st dose - 0.1 mg/kg 2 nd dose - 0.2 mg/kg	Continuous ECG Attempt to record conversion	Heart block Heart transplant Resuscitated PNB
Albuterol (Ventolin) 2.5 mg in 3 cc Unit dose	2.5 mg in 3 cc, nebulized <i>Do not dilute</i>	2.5 mg in 3 cc, nebulized <i>Do not dilute</i>	Patients with cardiac history over the age of 60 will have ECG monitoring during administration Heart rate Change in respiratory status	Heart rate >180
Amiodarone (Cordarone) 150 mg in 3 cc Carpject	300 mg IV/IO bolus <i>for cardiac arrest only</i> 150 mg add to 100 cc D5W, IV, run over 10 minutes	5mg/kg IV/IO bolus <i>for cardiac arrest only</i> 5mg/kg add to 100 cc D5W, IV, run over 10 minutes	ECG changes	2 nd or 3 rd degree AV block, Bradycardia Not to be administered via ETT
Aspirin 81 mg Chewable tablet	324 mg - 4 tablets, chew and swallow	N/A	N/A	Allergy; Asthma Bleeding disorders GI bleed, ulcers Concurrent use of "blood thinners"
Atropine 1mg in 10 cc Prefilled	0.5 - 1.0 mg IV/IO 2.0 mg ET 2 - 5 mg IV for organophosphate poisoning Max dose 0.04 mg/kg Minimum dose 0.1 mg	0.02 mg/kg Max dose 1.0 mg Minimum dose 0.1 mg	Heart rate before and after administration; BP within 5 minutes of administration; ECG changes	Tachycardia
Calcium Chloride 1 g in 10 cc Prefilled	100 - 500 mg IV bolus	20 mg/kg to a max of 500 mg per dose	ECG changes Watch carefully for infiltration	Ventricular fibrillation Ventricular tachycardia
D5 in Water 100 cc bag	Used to dilute amiodarone, lidocaine, sodium bicarbonate	Used to dilute dextrose and sodium bicarbonate	Monitor for infiltration Monitor pediatric blood glucose levels	None

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Dextrose 25 g in 50 cc Prefilled	25 g IV bolus or swallowed	500 mg/kg (1 ml/kg) to a max of 25 g/dose Dilute 1:1 with D5W for patient < 100 lbs (45 kg)	Changes in level of consciousness Repeat blood sugar determination Watch carefully for infiltration	If hypoglycemic, no contraindications
Diazepam Autoinjector Diazepam 10 mg/2 cc	10 mg IM	N/A	Change in seizure activity	No seizure activity
Diphenhydramine (Benadryl) 50 mg in 1 cc, 25 mg pills	25 – 50 mg IV, IM, oral	1 mg/kg < 20kg	Changes in level of consciousness	Presence of a self-administered CNS depressant
Dopamine 200 mg in 250 cc Premixed IV	2 – 20 mcg/kg/min IV drip premixed bag	2 – 20 mcg/kg/min IV drip premixed bag	ECG changes Headache Watch carefully for infiltration	Hypovolemic shock Ventricular fibrillation, Ventricular tachycardia or PVCs
DuoDote Kit Atropine 2.1 mg/0.7 cc Pralidoxine 600 mg/2 cc Autoinjector	Atropine – 2 mg IM Pralidoxine – 600 mg IM	N/A	Change in symptoms Change in level of consciousness	Mild symptoms with no miosis
Epinephrine <u>1:1000</u> – 1 mg in 1 cc vial <u>1:10,000</u> 1 mg in 10 cc Prefilled	<u>1:1000</u> : 0.2 - 0.5 mg subQ, IM, or autoinjector <u>1:10,000</u> : 0.5 - 1.0 mg IV/IO bolus 2.0 mg ET	SubQ (5 - 20 kg, 2 – 7 yrs) 0.15 mg of 1:1000 IV/IO - 0.01 mg/kg of 1:10,000 ET - 0.1 mg/kg of 1:1000	Breath sounds and vital signs within 5 minutes of administration Effect on heart rate ECG changes	No absolute contraindications in a life-threatening situation Use caution when administering to patient with hypertension or coronary artery disease
Furosemide (Lasix) 100 mg in 10 cc Prefilled	20 - 100 mg IV bolus	1 mg/kg Maximum 6 mg/kg	Daily maintenance dose of Lasix if known Respiratory assessment within 5 minutes of administration Any urinary output	Caution: Lasix is not as effective in renal failure patients who are unable to produce urine

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MEDICATION	USUAL ADULT DOSE	USUAL PEDS DOSE	MONITOR, REPORT, DOCUMENT	CONTRAINDICATIONS
Glucagon 1 mg with 1 cc diluting solution	1 mg IM injection	1 mg IM injection	Level of consciousness Repeat blood glucose determination	Known hypersensitivity Known pheochromocytoma
Glucose (oral) 15 g in 37.5 g Gel tube	15g swallowed	15g swallowed	Level of consciousness	Lack of gag reflex Patient unable to swallow
Lidocaine 100 mg in 5 cc Prefilled	1.0 - 1.5 mg/kg IV/IO bolus/ET <u>Maintenance:</u> 200 mg in 100 cc D5W run at 2 to 4 mg/min Max dose 3 mg/kg IV bolus	1mg/kg	ECG changes	Heart block Junctional arrhythmia Brady arrhythmia
Midazolam (Versed) 5 mg in 5 cc vial	1 - 2 mg IV bolus, IM, rectally Max dose 4 mg	0. 1mg/kg Max dose 3 mg	Changes in respiratory rate and effort Changes in level of consciousness and seizure activity	Hypotension Presence of a self-administered CNS depressant
Morphine Sulfate 10 mg in 1 cc Carpject/tubex	2 - 4 mg IV bolus, IM or subQ	0.1 mg/kg	Change in pain level Changes in respiratory rate and effort	Respiratory depression GCS < 14 Hypotension
Naloxone (Narcan) 2 mg in 2 cc Prefilled	2.0 mg IV bolus, ET, IM	0.1 mg/kg	Change in level of consciousness	Allergy
Nitroglycerine Metered spray Canister	0.4 mg sublingually metered spray	N/A	Blood pressure prior to and after administration Headache	Hypotension Use of Viagra within last 24 hours
Normal Saline 1000 cc, 250cc bags, 2cc carpject	As needed for volume replacement or to administer medications	As needed for volume replacement or to administer medications	Label date and time set up assembled Document ccs of fluid infused Blood pressure Monitor for infiltration Attempt to keep warm in extreme cold	Discard after 24 hours or if no longer sterile
Sodium Bicarbonate 50 mEq in 50 cc Prefilled	0.5 - 1.0 mEq/kg IV bolus	1.0 mEq/kg dilute for infants 5 kg and less 1:1 with D5W	Change in level of consciousness ECG changes if given for tricyclic OD	Do not mix with epinephrine or dopamine