

Drug Dose List

This document is intended to provide a quick reference. For a full list of drugs, their indications, contraindications and side effects see the Nor-Cal EMS Drug Formulary.

ALL DRIP rates calculated 60 or 10gtts tubing (as noted)

Medication

Adult Dosing

Pediatric Dosing

<p>Acetaminophine (Tylenol)</p> <p>Protocols: Pain Fever control</p> <p>Indications: Pain or fever control Contraindication: Liver disease/ Hepatitis Alcohol abuse</p>	<p>Fever: 15 mg/kg to max of 1000mg Orally Pain: IV/IO 15mg/kg over 20 min</p>	<p>See color Coded List</p> <p>15 mg/kg Orally not less than 6 months IV not less than 2 years</p>																											
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th colspan="3">USING 10 GTTS TUBING</th> </tr> <tr> <th>Patient Weight</th> <th>Total dose mg(ml)</th> <th>gtts/min</th> </tr> </thead> <tbody> <tr><td>40kg</td><td>600 (60ml)</td><td>30</td></tr> <tr><td>45kg</td><td>675 (67.5ml)</td><td>34</td></tr> <tr><td>50kg</td><td>750 (75ml)</td><td>38</td></tr> <tr><td>55kg</td><td>825 (82.5ml)</td><td>41</td></tr> <tr><td>60kg</td><td>900 (90ml)</td><td>45</td></tr> <tr><td>65kg</td><td>975 (97.5ml)</td><td>49</td></tr> <tr><td>70kg +</td><td>1000 (100ml)</td><td>50</td></tr> </tbody> </table>			USING 10 GTTS TUBING			Patient Weight	Total dose mg(ml)	gtts/min	40kg	600 (60ml)	30	45kg	675 (67.5ml)	34	50kg	750 (75ml)	38	55kg	825 (82.5ml)	41	60kg	900 (90ml)	45	65kg	975 (97.5ml)	49	70kg +	1000 (100ml)	50
USING 10 GTTS TUBING																													
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65kg	975 (97.5ml)	49																											
70kg +	1000 (100ml)	50																											
<p>Activated Charcoal</p> <p>Protocols: Poisoning / Overdose</p> <p>Indications: Toxic ingestion >30min transport Contraindication: Not for use with Acids, Petroleum, Corrosives</p>	<p>1 gm/kg to max of 50 grams.</p>	<p>BHPO ONLY</p> <p>1 gm/kg to max of 25 grams</p>																											
<p>Adenosine (Adenocard)</p> <p>Protocols: Narrow Complex SVT including WPW</p> <p>Indications: SVT Contraindication: WPW, Heart transplant (BHPO)</p>	<p>6mg Rapid IV push with flush then 12mg Rapid IV with flush</p>	<p>See color Coded List</p> <p>0.1 mg/kg (max 6 mg) Rapid IV with Flush then 0.2 mg/kg (max 6 mg) Rapid IV with Flush may repeat x1</p>																											

Drug Dose List Page 2

<p>Amiodarone (Codarone)</p> <p>Protocols: Wide Complex Tachycardia Narrow Complex Tachycardia ACLS Pulseless</p> <p>Indications: Cardiac Dysrhythmia Contraindication: Cardiogenic shock Bradycardia, 2nd or 3rd degree Heart block</p>	<p>Pulseless: 300 mg IV then 150 mg IV</p> <p>With a pulse: 150 mg IV over 10 minutes</p>	<p>See color Coded List</p> <p>Pulseless: 5 mg/kg to max of 300mg</p> <p>With a pulse: BHPO ONLY</p>
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150mg in 50 ml	150mg in 100ml
10 Gtts tubing over 10 min	10 gtts tubing over 10 min
300 gtts/min	600 gtts/min

<p>Aspirin</p> <p>Protocols: Chest Pain</p> <p>Indications: Suspected cardiac chest pain Contraindication: Bleeding disorders, Active GI Bleed</p>	<p>4 (81mg chewable tablets) PO</p>	<p>CONTRAINDICATED</p>
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<p>Atropine</p> <p>Protocols: Bradycardia WMD Nerve Agent</p> <p>Indications: Bradycardia, Organophosphate</p>	<p>Bradycardia: 1mg IV every 3-5 minutes Max dose 0.04mg/kg or 3mg</p> <p>Organophosphate/ Nerve Agent Exposure: 2-3mg IV repeat until symptoms disappear</p> <p>NOTE: Atropine Toxicity= Hot as a Hare, Blind as Bat Dry as a bone, Red as beet, Mad as a hatter</p>	<p>See color Coded List</p> <p>Bradycardia: 0.02 mg/kg IV/IO Max total dose 1mg IV/IO</p> <p>Organophosphate/ Nerve Agent Exposure: 0.05 mg/kg IV/IO</p>
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<p>Beta 2 Bronchodilators</p> <p>Protocols: Respiratory distress Allergic reaction Crush syndrome</p> <p>Indications: Bronchospasm, Allergic reaction Crush injury</p>	<p>Respiratory distress: 5mg Nebulized MR to max of 15mg or 6 vials</p> <p>Allergy: 5mg Nebulized MR to max of 15mg or 6 vials</p> <p>Crush: 5mg Nebulized MR to max of 15mg or 6 vials</p> <p>MDI- 4 Puffs = 2.5mg of nebulized</p>	<p>See color Coded List</p> <p>Respiratory distress: 5mg Nebulized</p> <p>Allergy: 5mg Nebulized</p> <p>MDI- 4 Puffs = 2.5mg of nebulized</p>
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<p>Calcium Chloride</p> <p>Protocols: Poisoning Crush syndrome Suspected hyperkalemia w/ wide complex</p> <p>Indications: Bronchospasm, allergic reaction, crush injury</p>	<p>Poisoning: 1-4 Grams IV</p> <p>Crush syndrome: 1 Gram IV/IO BHPO</p> <p>Wide complex tach with suspected hyperkalemia: 1 Gram IV/IO</p>	<p>BHPO ONLY</p> <p>Poisoning: 20mg/kg</p>
<p>Dextrose</p> <p>Protocols: ALOC</p> <p>Indications: Symptomatic hypoglycemia</p>	<p>Hypoglycemia:</p> <p>Oral: 75-100 Grams, Patient able to swallow</p> <p>D-10%: 12.5Grams IV/IO; MR until BG greater than 75mg/dl.</p>	<p>See color Coded List</p> <p>Dextrose 10%: 5ml/kg IV/IO</p> <p>NOTE: dose is volume/kg dose not mg</p>
<p>Diazepam (Valium)</p> <p>Protocols: Seizure Behavioral emergency</p> <p>Indications: Seizure, Anxiety Contraindication: Hypotension Respiratory depression, Head injury Alcohol / Drug intoxication</p>	<p>Seizure: 2.5-10mg IV/IO slow IVP, MR x1</p> <p>Max dose of 20mg</p> <p>IM Dose: 10mg deep IM, MRx1 Max dose of 20mg</p>	<p>See color Coded List</p> <p>Seizure: 0.2 mg/kg IV/IO/IM</p> <p>Rectal dose: 0.5mg/kg rectally</p> <p>MAX DOSE: Under 5 yrs: 5mg Children over 5yrs: 10mg</p>
<p>Diphenhydramine (Benadryl)</p> <p>Protocols: Allergic reaction Nausea/ Vomiting</p> <p>Indications: Allergic reaction, N/V Contraindication: Acute asthma attack</p>	<p>Oral: 50mg PO</p> <p>IV/IO/IM: 1mg/kg IV/IO to max of 50mg</p>	<p>See color Coded List</p> <p>Oral greater than 1 yr old: 12.5mg elixer</p> <p>Oral 15-30 kg: 25mg elixer</p> <p>IV/IO/IM: 1mg/kg IV/IO to max of 25mg</p>

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Dopamine

Dose 400mg in 250ml (1600mcg/ml):

5, 10 , 15 or 20mcg/kg/minute

BHPO

Protocols:

Bradycardia
Non Traumatic Shock
ROSC

Indications: Hypotension post Push dose Epi

Contraindication: Tachyarrhythmia, VF, VT
Hypovolemia

USING 60gtts TUBING

Patient Weight	5 mcg/kg/min	10 mcg/kg/min	15 mcg/kg/min	20mcg/kg/min
40kg	8	15	23	30
45kg	8	17	25	34
50kg	9	19	28	38
55kg	10	21	31	41
60kg	11	23	34	45
65kg	12	24	37	49
70kg	13	26	39	53
75kg	14	28	42	56
80kg	15	30	45	60
85kg	16	32	48	64
90kg	17	34	51	68
95kg	18	36	53	71
100kg	19	38	56	75
105kg	20	39	59	79
110kg	21	41	62	83

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<p>Epinephrine</p> <p>Protocols: Pulseless CPR Allergic reaction Respiratory distress broncospasm Respiratory distress Stridor Non traumatic shock</p> <p>Indications: Hypotension post Push dose Epi</p> <p>Contraindication: Tachyarrhythmia, VF, VT, Hypovolemia</p>	<p>Pulseless: 1mg 1:10,000 q 5minutes</p> <p>Allergic reaction EMT: 0.3mg IM</p> <p>Allergic reaction ALS: 0.3-0.5mg IM Anaphylaxis 0.01mg/kg IV/IO (Max 0.5mg) Stridor: 1mg 1:1000 with saline to make 5cc</p> <p>Shock: Push Dose: 5-10mcg q 5 minutes Drip: 1mg into 250ml bag 2-10mcg/min</p>	<p>See color Coded list</p> <p>Pulseless: 0.01mg/kg 1:10,000 q 5 min IV/IO</p> <p>Subq dose: 0.01mg/kg 1:1,000 Max 0.3mg</p> <p>Stridor: 1mg 1:1000 with saline to make 5cc Nebulized</p> <p>Shock: Push Dose: 5-10mcg q 5 minutes</p>
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PUSH DOSE How to mix: (1mcg/ml)

1. Prepare a 10ml syringe with 9ml of saline.
2. Draw 1ml of Epinephrine 1:10,000 into same syringe-mix
3. Label syringe Epi 10mcg/ml

OR

1. Take Epinephrine 1:10,000 concentration (1 mg/10 ml) and waste 9 ml of Epinephrine
2. In same syringe draw 9 ml of saline from the patient's IV bag & shake well
3. Label syringe Epi 10mcg/ml

Epi Drip:

USING 60 gtts TUBING		
Desired Dose	1mg in 250 ml (4mcg/cc)	
mcg/min	ml/min	gtts/min (ml/hr)
1	0.25	15
2	0.5	30
3	0.75	45
4	1	60
5	1.25	75
6	1.5	90
7	1.75	105
8	2	120
9	2.25	135
10	2.5	150

<p>Fentanyl</p> <p>Protocols: Pain management</p> <p>Indications: Moderate to severe pain</p> <p>Contraindication: Hypotension, Respiratory depression, GCS less than 14</p>	<p>Pain: IV/IO 25-50 mcg MR every 5 minutes Total Max dose 200mcg or 20mg total opiod</p> <p>IN: 50mcg Half dose into each nare MR every 5 minutes Total Max dose 200mcg or 20mg total opiod</p>	<p>See color Coded List</p> <p>Initial dosing should be IN: IN: 1mcg/kg max 50 mcg; half into each nare</p> <p>IV/IO 0.5-1 mcg/kg MR every 5 minutes max single dose 50 mcg Total max dose 100mcg</p>
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<p>Glucagon</p> <p>Protocols: ALOC Poisoning/Overdose Allergic reaction</p> <p>Indications: Hypoglycemia</p>	<p>Hypoglycemia: 1 mg (1 unit) IM</p> <p>Beta Blocker OD: 1mg IV/IO</p> <p>Allergic reaction not responsive to other treatment (on Beta Blockers): 1mg slow IV/IO</p>	<p>See color Coded List</p> <p>Hypoglycemia: 0.1 mg/kg max of 1 mg IM</p>
<p>Ibuprofen (Advil)</p> <p>Protocols: Sepsis / Fever control</p> <p>Indications: Fever</p> <p>Contraindication: Actively bleeding, Renal Disease/Kidney transplant, Pregnant, less than 6 months old</p>	<p>Fever: 400-600mg Orally</p>	<p>See color Coded List</p> <p>Fever (Older than 6 months): 10mg/kg</p>
<p>Ipratropium (Atrovent)</p> <p>Protocols: Respiratory distress Allergic reaction</p> <p>Indications: Bronchospasm, Allergic reaction</p>	<p>Respiratory Distress: 500mcg mixed with 5mg of Albuterol</p> <p style="text-align: center;">DO NOT REPEAT Atrovent</p>	<p>See color Coded List</p> <p>Respiratory Distress: 500mcg mixed with 5mg of Albuterol</p> <p style="text-align: center;">DO NOT REPEAT Atrovent</p>
<p>Ketamine</p> <p>Protocols: Pain management</p> <p>Indications: Acute pain due to trauma/burn,</p> <p>Contraindication: non EMS initiated opioid use GCS less than 15, suspected drug/etoh use, Age less than 15, pregnancy</p>	<p>Pain: 0.15 mg/kg to max 30mg over 5 min mixed in 50ml or 100ml bag May repeat x3 to Total max dose of 100mg</p> <p>MUST USE ETCo2</p>	<p>CONTRAIDICATED</p>

Dose in 50 ml	Dose in 100ml
10 Gtts tubing over 5 min	10 gtts tubing over 5 min

100 gtts/min

200 gtts/min

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<p>Ketorlac</p> <p>Protocols: Pain management</p> <p>Indications: Moderate to severe pain Contraindication: Renal disease, GI Bleed, Less than 2 yrs old, Steroid use Preganancy, Asthma, Anti-Coagulation meds</p>	<p>Pain: 0.5 mg/kg max of 30mg IM, IN, IV/IO</p> <p>Over 65 y/o BHPO</p>	<p>See color Coded List</p> <p>Pain: patient greater than 2 years old: 0.5mg/kg max of 15mg IM IN, IV/IO</p>
<p>Lidocaine (Xylocaine)</p> <p>Protocols: Wide Complex Tachycardia Narrow Complex Tachycardia ACLS Pulseless IO training</p> <p>Indications: Cardiac Dysrthmia, IO Contraindication: Supraventricular dysrthmia, Bradycardia, 2nd or 3rd degree Heart block</p>	<p>VF/VT: 1.5 mg/kg IV/IO MR 0.75 mg/kg Max total dose: 3 mg/kg</p> <p>Infusion 1gm in 250cc (4mg/ml): 2-4 mg/min</p> <p>IO pain management: 0.5mg/kg (wait 60 sec before flushed with saline) Max dose: 50mg</p> <p>RSI pretreatment in acute head injury:1mg/kg</p>	<p>See color Coded List</p> <p>VF/VT: 1 mg/kg to max of 100mg x1 further per BHPO</p> <p>IO pain management: 0.5mg/kg (wait 60 sec before flushed with saline) Max dose: 20mg</p>
<p>Lorazepam (Ativan)</p> <p>Protocols: Behavioral emergency</p> <p>Indications: Anxiety, Sedation Contraindication: Respiratory depression, NO other Benzodiazepine or opiate by EMS</p>	<p>Anxiety/Sedation: 1mg IV/IO</p>	<p>BHPO ONLY</p>
<p>Magnesium sulfate 50%</p> <p>Protocols: Obstetric Emergencies Wide Complex Tachycardia</p> <p>Indications: Eclampsia, Torsades de Pointes Contraindication: Respiratory depression, Heart Blocks, Recent MI, Hypotension, Fluid overload, Digitalis use, Dialysis patients</p>	<p>Torsades de Pointes: 1-2 gm IV/IO over 1-2 min Eclampsia: 4 gms over 20 minutes further via BHPO</p> <p>Respiratory: BHPO</p>	<p>BHPO ONLY</p>

USING 60 gtts TUBING

	50cc bag	100cc bag
Total Dose	gtts/min (ml/hr)	gtts/min (ml/Hr)
4 gms (40cc)	80	40

(50cc bag)	120	
4 gms (80cc)		
(100cc bag)		240

Drug Dose List Page 8

<p>Midazolam (Versed)</p> <p>Protocols: Seizure Behavioral emergency</p> <p>Indications: Seizure, Anxiety Contraindication: Hypotension, Shock Narrow angle glaucoma (relative)</p>	<p>Seizure: IM 10mg IN: 0.2mg/kg max 10mg dose MR x1 IV/IO: 5mg slow IVP, MR every 2 min to stop seizure Max dose 10mg Total max dose 20mg</p> <p>Cardioversion/pacing: 0.5mg increments IV or IO to a max dose of 5mg</p> <p>Anxiety/Behavioral: 1-2mg IV/IO max dose 2mg IM/IN: 2-5mg max dose 5mg MR every 20-30 min max total dose 15mg</p> <p>Pain-IV/IO: 1mg may repeat x1 after 5 min</p>	<p>See color Coded List</p> <p>Seizure: IV/IN 0.2 mg/kg PR 0.3 mg/kg</p>
<p>Morphine</p> <p>Protocols: Pain Management Chest Pain</p> <p>Indications: Pain, Cardiac Chest Pain Contraindication: Hypotension Respiratory depression, Head Injury</p>	<p>Pain: 2-5mg IV increments every 5-10 MR as needed IM: 5-10mg every 5-10 minutes Max Total dose 20mg</p> <p>Chest Pain: 2mg increments every 5-10 min Max Total dose 20mg</p>	<p>See color Coded List</p> <p>0.1 mg/kg IV/IO MR every 5-10 minutes max single dose 2.5 mg IM: 0.1mg/kg Total max dose 10mg</p>
<p>Naloxone (Narcan)</p> <p>Protocols: ALOC</p> <p>Indications: Suspected narcotic Respiratory depression Contraindication: Do not give to intubated patients</p>	<p>IV: 0.5-2mg SIVP Max dose 4mg</p> <p>IM/IN: 2mg Max dose 4mg</p>	<p>See color Coded List</p> <p>IM/IN/IV/IO: 0.1 mg/kg Max 4mg</p>
<p>Nitroglycerin (tab or spray)</p> <p>Protocols: Chest Pain Respiratory distress (Pulmonary Edema)</p> <p>Indications: Cardiac chest pain / angina,</p>	<p>Chest Pain: SL: 0.4mg MR every 5 minutes Max of 4 doses (1.6mg)</p> <p>Respiratory distress (CHF/Pulmonary Edema): SBP greater than 200: 1.2mg SL SBP 150-200: 0.8mg SL SBP 100-150: 0.4mg SL</p>	<p style="text-align: center; color: red;">CONTRAINDICATED</p>

Respiratory distress (CHF/Pulmonary edema)

MR every 5 min if SBP remains >100

Contraindication: Intracranial pressure, Hypotension, Erectile dysfunction drugs

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Nitroglycerin (2% Paste)

Protocols:

Chest Pain
Respiratory distress (Pulmonary Edema)

Indications: Cardiac chest pain / angina, Respiratory distress (CHF/Pulmonary Edema)

Contraindication: Intracranial pressure, Hypotension, Erectile dysfunction drugs

Chest Pain:
1" Transdermally to Chest

Respiratory distress (CHF/Pulmonary Edema):
1" Transdermally to Chest

CONTRAINDICATED

Ondansetron (Zofran)

Protocols:

Routine medical care

Indications: Nausea/Vomiting

Contraindication: Caution with prolonged QT, BHPO if pregnant

IV/IO/IM: 4mg SIVP may repeat every 15min
MR to Max dose of 12mg
Orally: 4mg ODT may repeat every 15min

See color Coded List
IM/IV/IO: 0.15 mg/kg Max 4mg
Repeat **BHPO** only
Orally only if > 20kg: 4mg ODT

Oxytocin (Pitocin)

Protocols:

Pregnancy complications / Field delivery

Indications: Control of postpartum hemorrhage

Contraindication: Previous C-section, Prior to delievery of baby/placenta

IV/IO: 20-40 Milliunits per minute
Mix 10 units in a 500ml bag (20 milliunits/ml)

USING 60 gtts TUBING	
Total Dose	500cc bag gtts/min (ml/hr)
20 milliunits/min	60
40 milliunits/min	120

CONTRAINDICATED

Sodium Bicarbonate

Protocols:

Pulseless arrest
Crush Syndrome
Tricyclic Overdose

Indications: Acid base imbalance, Tricyclic OD, Crush injury

Contraindication: None if life threatening

Wide complex tach with suspected
Hyperkalemia: 1 meq/kg IV/IO

Crush Syndrome BHPO ONLY:
1 meq/kg in 1 Liter bagIV/IO

TCA OD ventricular arrythmia / Hypotensive:
1 meq/kg slow IV/IO

BHPO ONLY
See color Coded List

Drug Dose List Page 10

<p>Tranexamic Acid (TXA) Protocols: Trauma, OB/GYN</p> <p>Indications: Trauma-uncontrolled bleeding, Hypotension, SBP less than 90mmhg Contraindication: 3 hours or more post injury Age less than 15, isolated head injury, spinal shock</p>	<p>IV: 1 gram mixed into 100ml bag NS/D5w over 10 minutes</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2" style="text-align: center;">USING 10 gtts TUBING</th> </tr> <tr> <th style="text-align: center;">Total Dose</th> <th style="text-align: center;">100cc bag gtts/min</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1 Gram</td> <td style="text-align: center;">100</td> </tr> </tbody> </table>	USING 10 gtts TUBING		Total Dose	100cc bag gtts/min	1 Gram	100	<p>CONTRAIDICATED</p>
USING 10 gtts TUBING								
Total Dose	100cc bag gtts/min							
1 Gram	100							
<p>Verapamil</p> <p>Protocols: Trauma</p> <p>Indications: Second line after adenosine Symptomatic Atrial Fibrillation/ Flutter Contraindication: WPW, sick sinus syndrome, Wide complex tachycardia, Beta blockers, Heart Failure or Heart Blocks</p>	<p>BHPO:</p> <p>Pretreat with : Calcium 1 gm IV/IO over 5-10 min then 2.5-5 mg slow IV/IO over 1-2 minutes</p> <p>Patient greater than 70yrs: administer 2-4mg slow IV/IO over 3-4 minutes</p>	<p>CONTRAIDICATED</p>						

IFT/Speciality Drug Dose List Page 11

<p>Heparin infusion</p> <p>Indications: continuation for IFT with MD Order</p>	<p>BHPO for IFT Only:</p> <p>Concentration not to exceed 100units/ml Infusion not to exceed 1600 units/hr</p> <p>Continue at constant rate with no regulation preformed during transport.</p> <p>D/C per BHPO</p>	CONTRAINDICATED
<p>Nitroglycerine infusion</p> <p>Indications: Cardiac Chest Pain / Angina Respiratory distress (CHF/Pulmonary Edema)</p> <p>Contraindication: Intracranial pressure Hypotension, Erectile dysfunction drugs</p>	<p>BHPO for IFT Only:</p> <p>Titrate 5-10 mcg/min according to parameters established by BHPO.</p>	CONTRAINDICATED

USING 60 gtts TUBING and PUMP		
Dose ordered	50mg/250ml	25mg/250ml
mcg/min	gtts/min (ml/hr)	gtts/min (ml/hr)
5	1.5	3
10	3	6
15	4.5	9
20	6	12
30	9	18
40	12	24
50	15	30

IFT/Speciality Drug Dose List Page 12

<p>Potassium Chloride Infusion</p> <p>Indications: continuation for IFT with MD Order</p>	<p>BHPO for IFT Only:</p> <p>Concentration not to exceed 40 meq/1000ml Infusion not to exceed 10 meq/hr</p> <p>Continue at constant rate with no regulation preformed during transport.</p>	<p>CONTRAIDICATED</p>
<p>Pralidoxime chloride</p> <p>Indications: Nerve Agent exposure SLUDGEM</p>	<p>BHPO:</p> <p>Auto injector IM into large muscle area</p>	<p>CONTRAIDICATED</p>

Pediatric Color Coded list

less than Length 59.5 cm		3.5-5 kg (Average 4.0kg)		0-3 months old	
Acetaminophen	NONE	Ibuprofen	NONE	VITAL SIGNS	
Activated Charcoal -	NONE	Ipratropium Bromide	Nebulized 500 mcg	BP SYSTOLIC	70(+/-25)
Adenosine	IV 0.3mg repeat dose 0.6mg	Ketamine	NONE	Heart Rate	120-150
Amiodarone	20mg	Ketorlac	NONE	Respirations	24-48
Aspirin	NONE	Lidocaine	IV/IO 4mg IO for Pain 2mg	AIRWAY EQUIPMENT	
Atropine	0.08mg	Lorazepam	NONE	Igel size 1	
Beta 2 Bronchodilator	2.5mg nebulized	Magnesium	NONE	DEFIBRILLATION	
Calcium	80mg	Midazolam	IV/IO/IN 0.8 mg PR 1.2mg	8J, 16J	
Dextrose 10%	20ml	Morphine	IV/IO/IM 0.4mg		
Diazepam	IV/IO/IN 0.8mg PR 2 mg	Naloxone	IV/IO/IM/IN 0.4mg	NORMAL SALINE	
Diphenhydramine	IV 4mg PO None	Nitroglycerine	NONE	80ml	
Dopamine	NONE	Ondansetron	0.6mg		
Epinepherine	IV/IM 0.04 mg	Oxytocin	NONE		
	Stridor 1mg via neb	Sodium Bicarbonate	BHPO		
Fentanyl	IV 2-4 mcg IN 4mcg	Tranexamic acid	NONE		
Glucagon	IM 0.4mg	Verapamil	NONE		

Length 59.5 cm - 66.5		6-7 kg (Average 6.5g)		3-6 months old	
Acetaminophen	NONE	Ibuprofen	NONE	VITAL SIGNS	
Activated Charcoal -	NONE	Ipratropium Bromide	Nebulized 500 mcg	BP SYSTOLIC	85(+/-25)
Adenosine	IV 0.65 mg repeat dose 1.3mg	Ketamine	NONE	Heart Rate	120-125
Amiodarone	32.5mg	Ketorlac	NONE	Respirations	24-48
Aspirin	NONE	Lidocaine	IV/IO 6.5 mg IO for Pain 2mg	AIRWAY EQUIPMENT	
Atropine	0.13mg	Lorazepam	NONE	Igel size 1.5	
Beta 2 Bronchodilator	2.5mg nebulized	Magnesium	NONE	DEFIBRILLATION	
Calcium	BHPO 130mg	Midazolam	IV/IO/IN 1.3 mg PR 1.95mg	13J, 26J	
Dextrose	10% 32.5ml	Morphine	IV/IO/IM 0.65mg		
Diazepam	IV/IO/IN 1.3 mg PR 3.25mg	Naloxone	IV/IO/IM/IN 0.65mg	NORMAL SALINE	
Diphenhydramine	IV 6.5mg PO None	Nitroglycerine	NONE	130 ml	
Dopamine	NONE	Ondansetron	1 mg		
Epinepherine	IV/IM 0.07 mg	Oxytocin	NONE		
	Stridor 1mg via neb	Sodium Bicarbonate	BHPO		
Fentanyl	IV 2-4 mcg IN 6.5mcg	Tranexamic acid	NONE		
Glucagon	IM 0.65mg	Verapamil	NONE		

Pediatric Color Coded list

Length 66.5 - 74 cm	8-9 kg (Average 8.5 kg)	7-10 months old
Acetaminophen PO only 120mg	Ibuprofen NONE	VITAL SIGNS
Activated Charcoal - NONE	Ipratropium Bromide Nebulized 500 mcg	BP SYSTOLIC 92(+/-30)
Adenosine IV 0.85 mg repeat dose 1.7mg	Ketamine NONE	Heart Rate 120
Amiodarone 42.5 mg	Ketorlac NONE	Respirations 24-32
Aspirin NONE	Lidocaine IV/IO 8mg IO for Pain 4mg	AIRWAY EQUIPMENT
Atropine 0.17 mg	Lorazepam NONE	lgel size 1.5
Beta 2 Bronchodilator 2.5mg nebulized	Magnesium NONE	DEFIBRILLATION
Calcium BHPO 170 mg	Midazolam IV/IO/IN 1.7 mg PR 2.5 mg	17J, 34J
Dextrose 10% 42.5 ml	Morphine IV/IO/IM 0.8 mg	
Diazepam IV/IO/IN 1.7 mg PR 4.25 mg	Naloxone IV/IO/IM/IN 0.8mg	NORMAL SALINE
Diphenhydramine IV 4mg PO None	Nitroglycerine NONE	170 ml
Dopamine NONE	Ondansetron 1.2 mg	
Epinephrine IV/IM 0.04 mg	Oxytocin NONE	
Stridor 1mg via neb	Sodium Bicarbonate BHPO	
Fentanyl IV 2-4 mcg IN 4mcg	Tranexamic acid NONE	
Glucagon IM 0.8 mg	Verapamil NONE	

Length 74-84.5 cm	10-11 kg (Average 10.5 kg)	11-18 months old
Acetaminophen PO only 150mg	Ibuprofen 100 mg	VITAL SIGNS
Activated Charcoal BHPO 10gm	Ipratropium Bromide Nebulized 500 mcg	BP SYSTOLIC 96(+/-30)
Adenosine IV 1 mg repeat dose 2 mg	Ketamine NONE	Heart Rate 115-120
Amiodarone 52.5 mg	Ketorlac NONE	Respirations 22-30
Aspirin NONE	Lidocaine IV/IO 10mg IO for Pain 5mg	AIRWAY EQUIPMENT
Atropine 0.21 mg	Lorazepam NONE	lgel size 1.5-2
Beta 2 Bronchodilator 2.5mg nebulized	Magnesium NONE	DEFIBRILLATION
Calcium BHPO 210 mg	Midazolam IV/IO/IN 2.1 mg PR 3 mg	20J, 40J
Dextrose 10% 52.5 ml	Morphine IV/IO/IM 1 mg	
Diazepam IV/IO/IN 2.1 mg PR 5 mg	Naloxone IV/IO/IM/IN 1 mg	NORMAL SALINE
Diphenhydramine IV 10mg PO 12.5mg	Nitroglycerine NONE	210 ml
Dopamine NONE	Ondansetron 1.5 mg	
Epinephrine IV/IM 0.1 mg	Oxytocin NONE	
Stridor 1mg via neb	Sodium Bicarbonate BHPO	
Fentanyl IV 5-10 mcg IN 10 mcg	Tranexamic acid NONE	
Glucagon IM 1 mg	Verapamil NONE	

Pediatric Color Coded list

Length 84.5-97.5 cm	12-14 kg (Average 13 kg)	19-35 months old
Acetaminophen PO 195 mg	Ibuprofen 130 mg	VITAL SIGNS
Activated Charcoal BHPO 13 gm	Ipratropium Bromide Nebulized 500 mcg	BP SYSTOLIC 100 (+/-30)
Adenosine IV 1.3 mg repeat dose 2.6 mg	Ketamine NONE	Heart Rate 110-115
Amiodarone 65 mg	Ketorolac 6.5 mg	Respirations 20-28
Aspirin NONE	Lidocaine IV/IO 13 mg IO for Pain 6.5 mg	AIRWAY EQUIPMENT
Atropine 0.25 mg	Lorazepam NONE	Igel size 2
Beta 2 Bronchodilator 2.5mg nebulized	Magnesium NONE	DEFIBRILLATION
Calcium BHPO 260 mg	Midazolam IV/IO/IN 2.6 mg PR 4 mg	30J, 50J
Dextrose 10% 65 ml	Morphine IV/IO/IM 1.3 mg	
Diazepam IV/IO/IN 2.6 mg PR 6.5 mg	Naloxone IV/IO/IM/IN 1.3 mg	NORMAL SALINE
Diphenhydramine IV 13 mg PO 12.5mg	Nitroglycerine NONE	260 ml
Dopamine NONE	Ondansetron 2 mg	
Epinephrine IV/IM 0.13 mg	Oxytocin NONE	
Stridor 1mg via neb	Sodium Bicarbonate BHPO	
Fentanyl IV 6.5-13 mcg IN 13 mcg	Tranexamic acid NONE	
Glucagon IM 1 mg	Verapamil NONE	

Length 97.5-110 cm	15-18 kg (Average 16.5 kg)	3-4 years old
Acetaminophen PO or IV(20 min) 247 mg	Ibuprofen 165 mg	VITAL SIGNS
Activated Charcoal BHPO 16 gm	Ipratropium Bromide Nebulized 500 mcg	BP SYSTOLIC 100 (+/-30)
Adenosine IV 1.6 mg repeat dose 3.2 mg	Ketamine NONE	Heart Rate 100-115
Amiodarone 82.5 mg	Ketorolac 8.5 mg	Respirations 20-26
Aspirin NONE	Lidocaine IV/IO 16 mg IO for Pain 8.5 mg	AIRWAY EQUIPMENT
Atropine 0.33 mg	Lorazepam NONE	Igel size 2
Beta 2 Bronchodilator 2.5mg nebulized	Magnesium NONE	DEFIBRILLATION
Calcium BHPO 330 mg	Midazolam IV/IO/IN 3.3 mg PR 5 mg	30J, 70J
Dextrose 82.5 ml	Morphine IV/IO/IM 1.6 mg	
Diazepam IV/IO/IN 3.3mg PR 8.25 mg	Naloxone IV/IO/IM/IN 1.6 mg	NORMAL SALINE
Diphenhydramine IV 16 mg PO 12.5mg	Nitroglycerine NONE	330 ml
Dopamine NONE	Ondansetron 2.5 mg	
Epinephrine IV/IM 0.16 mg	Oxytocin NONE	
Stridor 1mg via neb	Sodium Bicarbonate BHPO	
Fentanyl IV 8- 16 mcg IN 16 mcg	Tranexamic acid NONE	
Glucagon IM 1 mg	Verapamil NONE	

Pediatric Color Coded list

Length 110-122 cm	19-22 kg (Average 20.75 kg)	5-6 years old
Acetaminophen PO or IV(20 min) 300 mg	Ibuprofen 200 mg	VITAL SIGNS
Activated Charcoal BHPO 20 gm	Ipratropium Bromide Nebulized 500 mcg	BP SYSTOLIC 100 (+/-15)
Adenosine IV 2 mg repeat dose 4 mg	Ketamine NONE	Heart Rate 100
Amiodarone 100 mg	Ketorlac 10 mg	Respirations 20-24
Aspirin NONE	Lidocaine IV/IO 20 mg IO for Pain 10 mg	AIRWAY EQUIPMENT
Atropine 0.4 mg	Lorazepam NONE	Igel size 2
Beta 2 Bronchodilator 2.5mg nebulized	Magnesium NONE	DEFIBRILLATION
Calcium BHPO 400 mg	Midazolam IV/IO/IN 4 mg PR 6 mg	40J, 85J
Dextrose 100 ml	Morphine IV/IO/IM 2 mg	
Diazepam IV/IO/IN 4mg PR 10 mg	Naloxone IV/IO/IM/IN 2 mg	NORMAL SALINE
Diphenhydramine IV 20 mg PO 25 mg	Nitroglycerine NONE	410 ml
Dopamine NONE	Ondansetron 3 mg	
Epinephrine IV/IM 0.2 mg	Oxytocin NONE	
Stridor 1mg via neb	Sodium Bicarbonate BHPO	
Fentanyl IV 10-20 mcg IN 20 mcg	Tranexamic acid NONE	
Glucagon IM 1 mg	Verapamil NONE	

Length 122-137 cm	24-30 kg (Average 27 kg)	7-9 years old
Acetaminophen PO or IV(20 min) 405 mg	Ibuprofen 270 mg	VITAL SIGNS
Activated Charcoal BHPO 27 gm	Ipratropium Bromide Nebulized 500 mcg	BP SYSTOLIC 105 (+/-15)
Adenosine IV 2.7 mg repeat dose 5.4 mg	Ketamine NONE	Heart Rate 90
Amiodarone 135 mg	Ketorlac 13 mg	Respirations 18-22
Aspirin NONE	Lidocaine IV/IO 27 mg IO for Pain 13 mg	AIRWAY EQUIPMENT
Atropine 0.5 mg	Lorazepam NONE	Igel size 2-2.5
Beta 2 Bronchodilator 2.5mg nebulized	Magnesium NONE	DEFIBRILLATION
Calcium BHPO 540 mg	Midazolam IV/IO/IN 5 mg PR 8 mg	50J, 100J
Dextrose 135 ml	Morphine IV/IO/IM 2.5 mg	
Diazepam IV/IO/IN 5.4 mg PR 13.5 mg	Naloxone IV/IO/IM/IN 2 mg	NORMAL SALINE
Diphenhydramine IV 25 mg PO 25 mg	Nitroglycerine NONE	540 ml
Dopamine NONE	Ondansetron 4 mg	
Epinephrine IV/IM 0.27 mg	Oxytocin NONE	
Stridor 1mg via neb	Sodium Bicarbonate BHPO	
Fentanyl IV 13-25 mcg IN 25 mcg	Tranexamic acid NONE	
Glucagon IM 1 mg	Verapamil NONE	

Pediatric Color Coded list

Length 137-150 cm	32-40 kg (Average 36 kg)	10-12 years old
Acetaminophen PO or IV(20 min) 540 mg	Ibuprofen 360 mg	VITAL SIGNS
Activated Charcoal BHPO 36 gm	Ipratropium Bromide Nebulized 500 mcg	BP SYSTOLIC 115 (+/-20)
Adenosine IV 3.6 mg repeat dose 7.2 mg	Ketamine NONE	Heart Rate 85-90
Amiodarone 180 mg	Ketorlac 18 mg	Respirations 16-22
Aspirin NONE	Lidocaine IV/IO 36 mg IO for Pain 18 mg	AIRWAY EQUIPMENT
Atropine 0.7 mg	Lorazepam NONE	Igel size 2.5-3
Beta 2 Bronchodilator 2.5mg nebulized	Magnesium NONE	DEFIBRILLATION
Calcium BHPO 720 mg	Midazolam IV/IO/IN 5 mg PR 10 mg	60J, 150J
Dextrose 180 ml	Morphine IV/IO/IM 2.5 mg	
Diazepam IV/IO/IN 7.2 mg PR 18 mg	Naloxone IV/IO/IM/IN 2 mg	NORMAL SALINE
Diphenhydramine IV 25 mg PO 25 mg	Nitroglycerine NONE	720 ml
Dopamine NONE	Ondansetron 4 mg	
Epinephrine IV/IM 0.3 mg	Oxytocin NONE	
Stridor 1mg via neb	Sodium Bicarbonate BHPO	
Fentanyl IV 25 mcg IN 25 mcg	Tranexamic acid NONE	
Glucagon IM 1 mg	Verapamil NONE	