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 60/10gtts tubing (as noted)

Medication	Adult Dosing	Pediatric Dosing
Acetaminophine (Tylenol) **Protocols:** Pain Fever control **Indications**: Pain or fever control **Contraindication**: Liver disease/ Hepatitis Alcohol abuse	**Fever**: 15 mg/kg to max of 1000mg Orally **Pain**: IV/IO 15mg/kg over 20 min	See color Coded List 15 mg/kg Orally not less than 6 months IV not less than 2 years
Activated Charcoal **Protocols:** Poisoning / Overdose **Indications**: Toxic ingestion >30min transport **Contraindication**: Not for use with Acids, Petroleum, Corrosives	1 gm/kg to max of 50 grams.	BHPO ONLY 1 gm/kg to max of 25 grams
Adenosine (Adenocard) **Protocols:** Narrow Complex SVT including WPW **Indications**: SVT **Contraindication**: WPW, Heart transplant (BHPO)	6mg Rapid IV push with flush then 12mg Rapid IV with flush may repeat x1	See color Coded List 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

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

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Amiodarone (Codarone) **Protocols:** Wide Complex Tachycardia Narrow Complex Tachycardia ACLS Pulseless **Indications**: Cardiac Dysrythmia **Contraindication**: Cardiogenic shock Bradycardia, 2nd or 3rd degree Heart block	**Pulseless**: 300 mg IV then 150 mg IV **With a pulse**: 150 mg IV over 10 minutes	See color Coded List **Pulseless**: 5 mg/kg to max of 300mg **With a pulse:** 5 mg/kg IV ove 20-60 minutes Max Dose 300mg
Aspirin **Protocols:** Chest Pain **Indications**: Suspected cardiac chest pain **Contraindication**: Bleeding disorders, Active GI Bleed	4 (81mg chewable tablets) PO	CONTRAIDICATED
Atropine **Protocols:** Bradycardia WMD Nerve Agent **Indications**: Bradycardia, Organophosphate	**Bradycardia**: 1mg IV every 3-5 minutes Max dose 0.04mg/kg or 3mg **Organophosphate/ Nerve Agent Exposure:** 2-3mg IV repeat until symptoms disappear **NOTE**: Atropine Toxicity= Hot as a Hare, Blind as Bat Dry as a bone, Red as beet, Mad as a hatter	See color Coded List **Bradycardia**: 0.02 mg/kg IV/IO Max total dose 1mg IV/IO **Organophosphate/ Nerve Agent Exposure:** 0.05 mg/kg IV/IO
Beta 2 Bronchodilators **Protocols:** Respiratory distress Allergic reaction Crush syndrome **Indications**: Bronchospasm, Allergic reaction Crush injury	**Respiratory distress**: 2.5-5mg Nebulized MR to max of 15mg or 6 vials **Allergy**: 5mg Nebulized MR to max of 15mg or 6 vials **Crush:** 5mg Nebulized MR to max of 15mg or 6 vials **MDI**- 4 Puffs = 2.5mg of nebulized	See color Coded List **Respiratory distress**: 5mg Nebulized **Allergy**: 5mg Nebulized **MDI**- 4 Puffs = 2.5mg of nebulized

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

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Calcium Chloride **Protocols:** Poisoning Crush syndrome Suspected hyperkalemia w/ wide complex **Indications**: Bronchospasm, allergic reaction, crush injury	**Poisoning**: 1-4 Grams IV **Crush syndrome**: 1 Gram IV/IO **BHPO** **Wide complex tach with suspected hyperkalemia:** 1 Gram IV/IO	**BHPO ONLY** **Poisoning:** 20mg/kg
Dextrose **Protocols:** ALOC **Indications**: Symptomatic hypoglycemia	**Hypoglycemia**: **Oral**: 75-100 Grams, Patient able to swallow **D-10%:** 12.5Grams IV/IO; MR until BG greater than 75mg/dl. **D-50%**: Up to 25 Grams IV/IO; MR until BG greater than 75mg/dl.	**See color Coded List** **Dextrose 10%:** 5ml/kg IV/IO **NOTE: dose is volume/kg dose not mg**
Diazepam (Valium) **Protocols:** Seizure Behavioral emergency **Indications**: Seizure, Anxiety **Contraindication**: Hypotension Respiratory depression, Head injury Alcohol / Drug intoxication	**Seizure:** 2.5-10mg IV/IO slow IVP, MR x1 Max dose of 20mg **IM Dose**: 10mg deep IM, MRx1 Max dose of 20mg	**See color Coded List** **Seizure**: 0.2 mg/kg IV/IO/IM **Rectal dose**: 0.5mg/kg rectally **MAX DOSE:** Under 5 yrs: 5mg Children over 5yrs: 10mg
Diphenhydramine (Benadryl) **Protocols:** Allergic reaction Nausea/ Vomiting **Indications**: Allergic reaction, N/V **Contraindication**: Acute asthma attack	**Oral:** 50mg PO **IV/IO/IM**: 1mg/kg IV/IO to max of 50mg	**See color Coded List** **Oral greater than 1 yr old:** 12.5mg elixer **Oral 15-30 kg**: 25mg elixer **IV/IO/IM:** 1mg/kg IV/IO to max of 25mg

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Dopamine

Protocols:
Bradycardia
Non Traumatic Shock
ROSC

Indications: Hypotension post Push dose Epi
Contraindication: Tachyarrythmia, VF, VT
Hypovolemia

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

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

BHPO

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	0	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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Epinephrine	Pulseless: 1mg 1:10,000 q 3-5minutes	See color Coded list
Protocols: Pulseless CPR Allergic reaction Respiratory distress broncospasm Respiratory distress Stridor Non traumatic shock **Indications**: Hypotension post Push dose Epi **Contraindication**: Tachyarrythmia, VF, VT, Hypovolemia	**Allergic reaction EMT:** 0.3mg IM **Allergic reaction ALS:** 0.3-0.5mg IM Anaphylaxisis 0.01mg/kg IV/IO Stridor: 1mg 1:1000 with saline to make 5cc **Shock:** Push Dose: 5-10mcg q 5 minutes Drip: 1mg into 250ml bag 2-10mcg/min	**Pulseless:** 0.01mg/kg 1:10,000 q 5 min IV/IO **Subq dose:** 0.01mg/kg 1:1,000 Max 0.3mg **Stridor**: 1mg 1:1000 with saline to make 5cc Nebulized **Shock**: Push Dose: 5-10mcg q 5 minutes

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

Fentanyl	Pain: IV/IO 25-50 mcg	See color Coded List
Protocols: Pain management **Indications**: Moderate to severe pain **Contraindication**: Hypotension, Respiratory depression, GCS less than 14	MR every 5 minutes Total Max dose 200mcg or 20mg total opiod IN: 50mcg Half dose into each nare MR every 5 minutes Total Max dose 200mcg or 20mg total opiod	**IV/IO** 0.5-1 mcg/kg MR every 5 minutes max single dose 50 mcg Total max dose 100mcg **IN**: 1mcg/kg max 50 mcg; half into each nare

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Glucagon	Hypoglycemia: 1 mg (1 unit) IM	See color Coded List
Protocols:	**Beta Blocker OD**: 1mg IV/IO	**Hypoglycemia:** 0.1 mg/kg max of 1 mg IM

ALOC Poisoning/Overdose Allergic reaction **Indications**: Hypoglycemia	**Allergic reaction not responsive to other treatment (on Beta Blockers):** 1mg slow IV/IO	
Ibuprofen (Advil) **Protocols:** Sepsis / Fever control **Indications**: Fever **Contraindication**: Actively bleeding, Renal Disease/Kidney transplant, Pregnant, less than 6 months old	**Fever:** 400-600mg Orally	**See color Coded List** **Fever** (Older than 6 months): 10mg/kg
Ipratropium (Atrovent) **Protocols:** Respiratory distress Allergic reaction **Indications**: Bronchospasm, Allergic reaction	**Respiratory Distress:** 500mcg mixed with 5mg of Albuterol **DO NOT** REPEAT Atrovent	**See color Coded List** **Respiratory Distress:** 500mcg mixed with 5mg of Albuterol DO NOT REPEAT Atrovent
Ketamine **Protocols:** Pain management **Indications**: Acute pain due to trauma/burn, **Contraindication**: concurrent opiod use, GCS less than 15, suspected drug/etoh use, Age less than 15, pregnancy	**Pain:** 0.3 mg/kg to max 30mg over 5 min mixed in 50ml or 100ml bag May repeat x1 to Total max dose of 60mg **MUST USE ETCo2**	**CONTRAIDICATED**

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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Ketorlac **Protocols:** Pain management	**Pain:** 0.5 mg/kg max of 30mg IM, IN, IV/IO Over 65 y/o **BHPO**	**See color Coded List** **Pain: patient greater than 2 years old:** 0.5mg/kg max of 30mg IM IN, IV/IO

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

USING 60 gtts TUBING		
Total Dose	50cc bag gtts/min (ml/hr)	100cc bag gtts/min (ml/Hr)
4 gms (40cc) (50cc bag)	120	
4 gms (80cc) (100cc bag)		240

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Midazolam (Versed) **Protocols:** Seizure Behavioral emergency	**Seizure:** 2-4mg IM MR x1 after 30 minutes Total max IM dose 8mg **IN**: 0.2mg/kg max 10mg dose MR x1 **IV/IO:** 2mg slow IVP, MR every 2 min to stop seizure Max dose 10mg Total max dose 20mg	**See color Coded List** IV/IN 0.2 mg/kg PR 0.3 mg/kg

Indications: Seizure, Anxiety **Contraindication**: Hypotension, Shock Narrow angle glaucoma (relative)	**Cardioversion/pacing:** 0.5mg increments IV or IO to a max dose of 5mg **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**	
Morphine **Protocols:** Pain Management Chest Pain **Indications**: Pain, Cardiac Chest Pain **Contraindication**: Hypotension Respiratory depression, Head Injury	**Pain:** 2-5mg IV increments every 5-10 MR as needed IM: 5-10mg every 5-10 minutes Max Total dose 20mg **Chest Pain**: 2mg increments every 5-10 min Max Total dose 20mg	**See color Coded List** 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
Naloxone **(Narcan)** **Protocols:** ALOC **Indications**: Suspected narcotic Respiratory depression **Contraindication**: Do not give to intubated patients	IV: 0.5-2mg SIVP Max dose 4mg IM/IN: 2mg Max dose 4mg	**See color Coded List** IM/IN/IV/IO: 0.1 mg/kg Max 2mg
Nitroglycerin (tab or spray**)** **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: SL: 0.4mg MR every 5 minutes Max of 4 doses (1.6mg) **Respiratory distress (CHF/Pulmonary Edema):** SBP greater than 200: 1.2mg SL SBP 150-200: 0.8mg SL SBP 100-150: 0.4mg SL MR every 5 min if SBP remains >100	**CONTRAIDICATED**

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Nitroglycerin (2% Paste**)** **Protocols:** Chest Pain Respiratory distress (Pulmonary Edema)	Chest Pain: 1" Transdermally to Chest **Respiratory distress (CHF/Pulmonary Edema):** 1" Transdermally to Chest	**CONTRAIDICATED**

Indications: Cardiac chest pain / angina, Respiratory distress (CHF/Pulmonary Edema) **Contraindication**: Intracranial pressure, Hypotension, Erectile dysfunction drugs		
Ondansetron (Zofran) **Protocols:** Routine medical care **Indications**: Nausea/Vomiting **Contraindication**: Caution with prolonged QT, **BHPO** if pregnant	IV/IO/IM: 4mg SIVP MR to Max dose of 12mg Orally: 4mg ODT	**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	**CONTRAIDICATED**
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:** 50 meq 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**

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Tranexamic Acid (TXA) **Protocols:** Trauma, OB/GYN **Indications**: Trauma-uncontrolled bleeding,	IV: 1 gram mixed into 100ml bag NS/D5w over 10 minutes **USING 10 gtts TUBING** **Total Dose** / **100cc bag gtts/min** **1 Gram** / 100	**CONTRAIDICATED**

Hypotension, SBP less than 90mmhg **Contraindication**: 3 hours or more post injury Age less than 15, isolated head injury, spinal shock		
Verapamil **Protocols:** Trauma **Indications**: Second line after adenosine Symptomatic Atrial Fibrillation/ Flutter **Contraindication**: WPW, sick sinus syndrome, Wide complex tachycardia, Beta blockers, Heart Failure or Heart Blocks	**BHPO**: Pretreat with : Calcium 1 gm IV/IO over 5-10 min then 2.5-5 mg slow IV/IO over 1-2 minutes **Patient greater than 70yrs:** administer 2-4mg slow IV/IO over 3-4 minutes	**CONTRAIDICATED**

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Amyl Nitrate inhalant **Indications**: Cyanide poisoning	**BHPO**: 0.3ml ampule MR in 5 minutes	**CONTRAIDICATED**

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

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

Potassium Chloride Infusion **Indications**: continuation for IFT with	**BHPO for IFT Only:** Concentration not to exceed 40 meq/1000ml Infusion not to exceed 10 meq/hr Continue at constant rate with no regulation preformed during transport.	CONTRAIDICATED

MD Order		
Pralidoxime chloride **Indications**: Nerve Agent exposure SLUDGEM	**BHPO**: Auto injector IM into large muscle area	CONTRAIDICATED
Sodium Thiosulfate **Indications**: second line Cyanide poisoning	**BHPO**: 12.5 grams slow IV	CONTRAIDICATED

Pediatric Color Coded list

less than Length 59.5 cm		3.5-5 kg (Average 4.0kg)		0-3 months old	
Acetominophen	NONE	Ibuprofen	NONE	VITAL SIGNS	
Activated Charcoal -	NONE	Ipatropium 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	
Acetominophen	NONE	Ibuprofen	NONE	VITAL SIGNS	
Activated Charcoal -	NONE	Ipatropium 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	
Acetominophen PO only	120mg	Ibuprofen	NONE	VITAL SIGNS	
Activated Charcoal -	NONE	Ipatropium 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		Igel 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	
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 0.8 mg		Verapamil	NONE	

Length 74-84.5 cm			10-11 kg (Average 10.5 kg)		11-18 months old
Acetominophen	PO only	150mg	Ibuprofen	100 mg	VITAL SIGNS
Activated Charcoal	BHPO	10gm	Ipatropium 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	Igel 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	
Epinepherine	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
Acetominophen	PO	195 mg	Ibuprofen	130 mg	VITAL SIGNS
Activated Charcoal	BHPO	13 gm	Ipatropium 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		Ketorlac	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	
Epinepherine 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
Acetominophen PO or IV(20 min) 247 mg	Ibuprofen 165 mg	VITAL SIGNS
Activated Charcoal BHPO 16 gm	Ipatropium 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	Ketorlac 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	
Epinepherine 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
Acetominophen PO or IV(20 min) 300 mg	Ibuprofen 200 mg	VITAL SIGNS
Activated Charcoal BHPO 20 gm	Ipatropium 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	
Epinepherine 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
Acetominophen PO or IV(20 min) 405 mg	Ibuprofen 270 mg	VITAL SIGNS
Activated Charcoal BHPO 27 gm	Ipatropium 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	
Epinepherine 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
Acetominophen PO or IV(20 min) 540 mg	Ibuprofen 360 mg	VITAL SIGNS
Activated Charcoal BHPO 36 gm	Ipatropium 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		
Epinepherine		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		