



<b>Treatment Protocol</b>		<b>4103</b>
Effective <b>October 1, 2018</b>		Expires <b>March 31, 2019</b>
Policy: <b>Calculation Chart</b>	Approval: Medical Director <b>Reza Vaezazizi, MD</b>	Signed 
Applies To: <b>PSP, EMT, AEMT, PM, MICN, BHP, EMS System</b>	Approval: REMSA Director <b>Bruce Barton</b>	Signed 

**PURPOSE**

The purpose of this policy is to standardize calculations for medication dosage and volume, airway size, and energy settings for cardioversion/defibrillation.

**AUTHORITY**

[California Health and Safety Code - Division 2.5: Emergency Medical Services \[1797. - 1799.207.\]](#)  
[California Code of Regulations, Title 22. Social Security, Division 9. Prehospital Emergency Medical Services](#)

**Required Equipment**

A Broselow Tape, with color/kg corresponding to this chart and a laminated copy of this treatment protocol are required field equipment. This chart must be color printed, front and back, at full size and carried in each first response and transport vehicle.

**Determining Age, Weight, and Height**

Determine a patient’s age, weight, and height:

1. Age by written record, report by patient or parent, or estimate by EMS
2. Weight by measurement, written record, report by patient or parent, Broselow Tape, or estimate by EMS
3. Height by measurement, written record, report by patient or parent, or estimate by EMS

**Pediatric Patient**

A pediatric patient is defined as a person appearing or known to be 14 years of age or less

**Calculation Chart**

Orders are not obtained from the Calculation Chart! Orders are obtained through an indicated treatment protocol, or a base hospital order (BHO).

This chart is to be used when calculating medication dosage, airway adjunct size, and cardioversion/defibrillation energy settings. The process is:

1. Determine patient’s age, weight, and height
2. Determine Broselow Tape color in the pediatric patient
3. As directed by an indicated treatment protocol, or a BHO, use this chart to calculate medication dosage and volume:
  - a. Obtain the order, route, and any adjustments through an indicated treatment protocol or a BHO
    - i. Orders are not obtained from the Calculation Chart!
  - b. Use only REMSA authorized medications in the required concentrations as found in the REMSA Drug and Equipment List
  - c. Use a 1 mL syringe graduated in tenths and hundredths for indicated volumes less than 1 mL
  - d. When available, have a second qualified person verify dosage prior to administration

4. Notice the following annotations:
  - a. Specific routes and relationships may be identified on the Calculation Chart by an attached annotation as follows:
    - i. “CPAP” identifies a dose related only to administration of CPAP by mask
    - ii. “IV”, “IM”, “IN”, “TD”, and “SL” identify the corresponding route
      1. “IV” may refer to IV and IO; push, bolus, or drip; as indicated by the actual order
    - iii. “IM x 2” identifies a dose given twice by the IM route, once per site, as a single dose
    - iv. “IN x 2” identifies a dose given twice by the IN route, once per nostril, as a single dose
  - b. Volumes given to the hundredth are identified by black underline as seen with Diazepam, Epinephrine 1:1,000, Fentanyl, Lorazepam, Midazolam, and Morphine Sulfate
  
5. In the absence of Atropine in prefilled syringes, Atropine 1 mg / 1 mL may be diluted at the point of care:
  - a. Dilute to Atropine 1 mg in 10 mL
    - i. Draw up 1 mL Atropine 1 mg / 1 mL
    - ii. Draw up additional 9 mL Normal Saline (NS)
    - iii. Yields Atropine 1 mg in 10 mL
  
6. In the absence of Dextrose 10% or Dextrose 25%, Dextrose 50% (D50) may be diluted at the point of care:
  - a. Dilute to Dextrose 10% (5 g in 50 mL)
    - i. Expel 40 mL from the 50mL prefilled syringe of Dextrose 50% (D50)
    - ii. Draw up 40 mL Normal Saline (NS)
    - iii. Yields 5 g Dextrose 10% in 50 mL
  - b. Dilute to Dextrose 25% (12.5 g in 50 mL)
    - i. Expel 25 mL from the 50mL prefilled syringe of Dextrose 50% (D50)
    - ii. Draw up 25 mL Normal Saline (NS)
    - iii. Yields 12.5 g Dextrose 25% in 50 mL
  
7. In the absence of Epinephrine 1:10,000 in prefilled syringes, Epinephrine 1:1,000 1 mg / 1 mL may be diluted at the point of care:
  - a. Dilute to Epinephrine 1:10,000 1 mg in 10 mL
    - i. Draw up 1 mL Epinephrine 1:1,000 1 mg / 1 mL
    - ii. Draw up additional 9 mL Normal Saline (NS)
    - iii. Yields Epinephrine 1:10,000 1 mg in 10 mL
  
8. As directed by an indicated treatment protocol, or a BHO, use this chart to calculate energy settings and airway adjunct size
  
9. Contact a base hospital for orders in case of atypical presentation, circumstance, or uncertainty. This includes pediatric patients less than Broselow Tape Grey, and adult patients less than 36 kg (80 lb) / 4’ 10”.
  
10. In case of a nerve agent attack and/or deployment of a CDC CHEMPACK:
  - a. Patient classification:
    - i. Classify atypical pediatric patients less than Broselow Tape Grey as Broselow Tape Grey
    - ii. Classify atypical adult patients less than 36 kg (80 lb) / 4’ 10” using the Broselow Tape
  - b. Pralidoxime Chloride:
    - i. For IM use reconstitute Pralidoxime Chloride with only 5 mL sterile water to 1000 mg / 5 mL
      1. DO NOT GIVE THIS CONCENTRATION IV/IO!
    - ii. For IV use reconstitute Pralidoxime Chloride with the full 20 mL sterile water to 1000 mg / 20 mL
      1. When given IV/IO, Pralidoxime should be given as a bolus drip in 50 mL over 10 minutes!
    - iii. Pralidoxime Chloride is distributed as 1000 mg powder in a 20 mL vial requiring reconstitution with sterile water; note the varying concentrations of Pralidoxime Chloride in the chart that follows

Preferred Medication	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult
<b>Activated Charcoal</b> 50 g   25 g 240 mL   120 mL	PO 4.2 g 20 mL	PO 6.3 g 30 mL	PO 8.3 g 40 mL	PO 10.4 g 50 mL	PO 12.5 g 60 mL	PO 16.7 g 80 mL	PO 20.8 g 100 mL	PO 27 g 130 mL	PO 33.3 g 160 mL	PO 50 g 240 mL
<b>Adenosine</b> 12 mg   6 mg 4 mL   2 mL	IV 0.6 mg 0.2 mL	IV 1.2 mg 0.4 mL	IV 1.8 mg 0.6 mL	IV 1.8 mg 0.6 mL	IV 2.4 mg 0.8 mL	IV 3 mg 1 mL	IV 4.2 mg 1.4 mL	IV 5.4 mg 1.8 mL	IV 6.6 mg 2.2 mL	IV 12 mg 4 mL
<b>Albuterol 0.083%</b> 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL
<b>Amiodarone</b> 150 mg   900 mg 3 mL   18 mL	IV 20 mg 0.4 mL	IV 35 mg 0.7 mL	IV 45 mg 0.9 mL	IV 50 mg 1 mL	IV 65 mg 1.3 mL	IV 85 mg 1.7 mL	IV 105 mg 2.1 mL	IV 135 mg 2.7 mL	IV 165 mg 3.3 mL	IV 300 mg 6 mL
<b>Repeat</b>	IV 20 mg 0.4 mL	IV 35 mg 0.7 mL	IV 45 mg 0.9 mL	IV 50 mg 1 mL	IV 65 mg 1.3 mL	IV 85 mg 1.7 mL	IV 105 mg 2.1 mL	IV 135 mg 2.7 mL	IV 150 mg 3 mL	IV 150 mg 3 mL
<b>Aspirin</b> 81 mg 1 Tablet	none	none	none	none	none	none	none	none	none	PO 324 mg 4 Tab.
<b>Atropine</b> 1 mg   0.5 mg 10 mL   5 mL	IV 0.08 mg 0.8 mL	IV 0.13 mg 1.3 mL	IV 0.17 mg 1.7 mL	IV 0.2 mg 2 mL	IV 0.26 mg 2.6 mL	IV 0.33 mg 3.3 mL	IV 0.42 mg 4.2 mL	IV 0.5 mg 5 mL	IV 0.5 mg 5 mL	IV 0.5 mg 5 mL
<b>Atropine</b> 8 mg 20 mL	IM 0.2 mg 0.5 mL	IM 0.32 mg 0.8 mL	IM 0.44 mg 1.1 mL	IM 0.52 mg 1.3 mL	IM 0.64 mg 1.6 mL	IM 0.84 mg 2.1 mL	IM 1 mg 2.5 mL	IM x 2 0.68 mg 1.7 mL	IM x 2 0.84 mg 2.1 mL	IM x 2 1 mg 2.5 mL
<b>Calcium Chloride 10%</b> 1 g 10 mL	IV 80 mg 0.8 mL	IV 130 mg 1.3 mL	IV 170 mg 1.7 mL	IV 200 mg 2 mL	IV 260 mg 2.6 mL	IV 330 mg 3.3 mL	IV 420 mg 4.2 mL	IV 540 mg 5.4 mL	IV 660 mg 6.6 mL	IV 1 g 10 mL
<b>Dextrose 10%</b> 1 g 10 mL	IV 2 g 20 mL	IV 3 g 30 mL	IV 4 g 40 mL	IV 5 g 50 mL	IV 6.5 g 65 mL	IV 8 g 80 mL	IV 10.5 g 105 mL	IV 13.5 g 135 mL	IV 16.5 g 165 mL	IV 25 g 250 mL
<b>Dextrose 25%</b> 2.5 g 10 mL	none	IV 3.25 g 13 mL	IV 4.25 g 17 mL	IV 5 g 20 mL	IV 6.5 g 26 mL	IV 8.25 g 33 mL	IV 10.5 g 42 mL	IV 13.5 g 54 mL	IV 16.5 g 66 mL	IV 25 g 100 mL
<b>Dextrose 50%</b> 25 g 50 mL	none	none	none	none	none	IV 8.25 g 16.5 mL	IV 10.5 g 21 mL	IV 13.5 g 27 mL	IV 16.5 g 33 mL	IV 25 g 50 mL
<b>Diphenhydramine</b> 50 mg 1 mL	IV / IM 5 mg 0.1 mL	IV / IM 5 mg 0.1 mL	IV / IM 10 mg 0.2 mL	IV / IM 10 mg 0.2 mL	IV / IM 15 mg 0.3 mL	IV / IM 15 mg 0.3 mL	IV / IM 20 mg 0.4 mL	IV / IM 25 mg 0.5 mL	IV / IM 35 mg 0.7 mL	IV / IM 50 mg 1 mL
<b>Epinephrine 1:1,000</b> 1 mg   30 mg 1 mL   30 mL	IM 0.04 mg <u>0.04 mL</u>	IM 0.07 mg <u>0.07 mL</u>	IM 0.09 mg <u>0.09 mL</u>	IM 0.1 mg 0.1 mL	IM 0.1 mg 0.1 mL	IM 0.2 mg 0.2 mL	IM 0.2 mg 0.2 mL	IM 0.3 mg 0.3 mL	IM 0.3 mg 0.3 mL	IM 0.3 mg 0.3 mL
<b>Epinephrine 1:10,000</b> 1 mg 10 mL	IV 0.04 mg 0.4 mL	IV 0.07 mg 0.7 mL	IV 0.09 mg 0.9 mL	IV 0.1 mg 1 mL	IV 0.13 mg 1.3 mL	IV 0.17 mg 1.7 mL	IV 0.21 mg 2.1 mL	IV 0.27 mg 2.7 mL	IV 0.33 mg 3.3 mL	IV 1 mg 10 mL
<b>Fentanyl</b> 100 µg 2 mL	IV / IM 4 µg <u>0.08 mL</u>	IV / IM 6.5 µg <u>0.13 mL</u>	IV / IM 8.5 µg <u>0.17 mL</u>	IV / IM 10 µg 0.2 mL	IV / IM 15 µg 0.3 mL	IV / IM 15 µg 0.3 mL	IV / IM 20 µg 0.4 mL	IV / IM 25 µg 0.5 mL	IV / IM 30 µg 0.6 mL	IV / IM 50 µg 1 mL
<b>IN</b>	IN 4 µg <u>0.08 mL</u>	IN 6.5 µg <u>0.13 mL</u>	IN 8.5 µg <u>0.17 mL</u>	IN 10 µg 0.2 mL	IN 15 µg 0.3 mL	IN 15 µg 0.3 mL	IN 20 µg 0.4 mL	IN 25 µg 0.5 mL	IN x 2 15 µg 0.3 mL	IN 50 µg 1 mL
<b>Preferred Medication</b>	<b>Grey</b>	<b>Pink</b>	<b>Red</b>	<b>Purple</b>	<b>Yellow</b>	<b>White</b>	<b>Blue</b>	<b>Orange</b>	<b>Green</b>	<b>Adult</b>

	3–5 kg	6–7 kg	8–9 kg	10–11 kg	12–14 kg	15–18 kg	19–23 kg	24–29 kg	30–36 kg	
<b>Glucagon</b> 1 mg 1 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 1 mg 1 mL	IV / IM 1 mg 1 mL	IV / IM 1 mg 1 mL	IV / IM 1 mg 1 mL	IV / IM 1 mg 1 mL
<b>Glucose Gel</b> 1 Tube	PO 4 mL	PO 7 mL	PO 9 mL	PO 10 mL	PO 13 mL	PO 1 tube	PO 1 tube	PO 1 tube	PO 1 Tube	PO 1 Tube
<b>Ipratropium Bromide</b> 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL
<b>Lidocaine 2%</b> 100 mg   400 mg 5 mL   20 mL	IV 4 mg 0.2 mL	IV 6 mg 0.3 mL	IV 8 mg 0.4 mL	IV 10 mg 0.5 mL	IV 14 mg 0.7 mL	IV 16 mg 0.8 mL	IV 22 mg 1.1 mL	IV 28 mg 1.4 mL	IV 34 mg 1.7 mL	IV 100 mg 5 mL
<b>Repeat</b>	IV 4 mg 0.2 mL	IV 6 mg 0.3 mL	IV 8 mg 0.4 mL	IV 10 mg 0.5 mL	IV 14 mg 0.7 mL	IV 16 mg 0.8 mL	IV 22 mg 1.1 mL	IV 28 mg 1.4 mL	IV 34 mg 1.7 mL	IV 50 mg 2.5 mL
<b>Conscious IO Pain</b>	IO 2 mg 0.1 mL	IO 4 mg 0.2 mL	IO 4 mg 0.2 mL	IO 6 mg 0.3 mL	IO 8 mg 0.4 mL	IO 8 mg 0.4 mL	IO 12 mg 0.6 mL	IO 14 mg 0.7 mL	IO 18 mg 0.9 mL	IO 50 mg 2.5 mL
<b>Magnesium Sulfate</b> 5 g   1 g 10 mL   2 mL	IV 0.2 g 0.4 mL	IV 0.35 g 0.7 mL	IV 0.45 g 0.9 mL	IV 0.5 g 1 mL	IV 0.65 g 1.3 mL	IV 0.85 g 1.7 mL	IV 1.05 g 2.1 mL	IV 1.35 g 2.7 mL	IV 1.65 g 3.3 mL	IV 2 g 4 mL
<b>Eclampsia</b> In 50 mL Over 10 min.	none	none	none	none	none	none	none	none	none	IVPB 5 g 10 mL
<b>Eclampsia IM</b>	none	none	none	none	none	none	none	none	none	IM x 2 2.5 g 5 mL
<b>Midazolam</b> 5 mg   10 mg 1 mL   2 mL	IV / IN 0.2 mg 0.04 mL	IV / IN 0.35 mg 0.07 mL	IV / IN 0.45 mg 0.09 mL	IV / IN 0.5 mg 0.1 mL	IV / IN 0.5 mg 0.1 mL	IV / IN 1 mg 0.2 mL	IV / IN 1 mg 0.2 mL	IV / IN 1.5 mg 0.3 mL	IV / IN 1.5 mg 0.3 mL	IV / IN 2.5 mg 0.5 mL
<b>IM</b>	IM 0.4 mg 0.08 mL	IM 0.7 mg 0.14 mL	IM 0.9 mg 0.18 mL	IM 1 mg 0.2 mL	IM 1 mg 0.2 mL	IM 2 mg 0.4 mL	IM 2 mg 0.4 mL	IM 3 mg 0.6 mL	IM 3 mg 0.6 mL	IM 5 mg 1 mL
<b>Related to CPAP Mask</b>	none	none	none	none	none	none	none	none	none	CPAP 1 mg 0.2 mL
<b>Morphine Sulfate</b> 10 mg 1 mL	IV / IM 0.4 mg 0.04 mL	IV / IM 0.7 mg 0.07 mL	IV / IM 0.9 mg 0.09 mL	IV / IM 1 mg 0.1 mL	IV / IM 1 mg 0.1 mL	IV / IM 2 mg 0.2 mL	IV / IM 2 mg 0.2 mL	IV / IM 3 mg 0.3 mL	IV / IM 3 mg 0.3 mL	IV / IM 5 mg 0.5 mL
<b>Naloxone</b> 2 mg 2 mL	IV / IM 0.4 mg 0.4 mL	IV / IM 0.7 mg 0.7 mL	IV / IM 0.9 mg 0.9 mL	IV / IM 1 mg 1 mL	IV / IM 1.3 mg 1.3 mL	IV / IM 1.7 mg 1.7 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL
<b>IN</b>	IN x 2 0.2 mg 0.2 mL	IN x 2 0.4 mg 0.4 mL	IN x 2 0.5 mg 0.5 mL	IN x 2 0.5 mg 0.5 mL	IN x 2 0.5 mg 0.5 mL	IN x 2 0.5 mg 0.5 mL	IN 0.5 mg 0.5 mL	IN 0.5 mg 0.5 mL	IN 0.5 mg 0.5 mL	IN 0.5 mg 0.5 mL
<b>Nitroglycerin</b> 0.4 mg 1 Tablet or Spray	none	none	none	none	none	none	none	none	none	SL 0.4 mg 1 Tab.
<b>Nitro Paste 2%</b> 1 g   30 or 60 g 1 Inch   1 Tube	none	none	none	none	none	none	none	none	none	TD 1 g 1 Inch
<b>Normal Saline 0.9%</b> IV Solution	IV 80 mL 1 Bolus	IV 130 mL 1 Bolus	IV 170 mL 1 Bolus	IV 200 mL 1 Bolus	IV 250 mL 1 Bolus	IV 250 mL 1 Bolus	IV 250 mL 1 Bolus	IV 250 mL 1 Bolus	IV 250 mL 1 Bolus	IV 250 mL 1 Bolus
<b>Preferred Medication</b>	Grey	Pink	Red	Purple	Yellow	White	Blue	Orange	Green	Adult

	3–5 kg	6–7 kg	8–9 kg	10–11 kg	12–14 kg	15–18 kg	19–23 kg	24–29 kg	30–36 kg	
<b>Ondansetron ODT</b> 4 mg 1 Tablet	none	none	none	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.
<b>Sodium Bicarb. 8.4%</b> 50 mEq   10 mEq 50 mL   10 mL	IV 4 mEq 4 mL	IV 6.5 mEq 6.5 mL	IV 8.5 mEq 8.5 mL	IV 10 mEq 10 mL	IV 13 mEq 13 mL	IV 16.5 mEq 16.5 mL	IV 21 mEq 21 mL	IV 27 mEq 27 mL	IV 33 mEq 33 mL	IV 50 mEq 50 mL
<b>Tranexamic Acid</b> 1 gram 10 mL	none	none	none	none	none	none	none	none	none	IVPB 1 gram 10 mL +IVPB NS
<b>Energy Settings</b>	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult
<b>Cardioversion</b> Initial Shock Subsequent Shocks	4 J 8 J	7 J 15 J	9 J 20 J	10 J 20 J	15 J 30 J	20 J 50 J	30 J 50 J	30 J 70 J	50 J 70 J	100 J 150-200 J
<b>Defibrillation</b> Initial Shock Subsequent Shocks	8 J 20 J	15 J 30 J	20 J 50 J	20 J 50 J	30 J 70 J	50 J 70 J	50 J 100 J	70 J 120 J	70 J 150 J	Per Manu. Per Manu.
<b>Energy Settings</b>	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult

<b>Airway</b>	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult
<b>Suction Catheter</b> 6 Fr.–18 Fr.	6–8 Fr.	8 Fr.	8 Fr.	10 Fr.	10 Fr.	10 Fr.	10 Fr.	10 Fr.	10–12 Fr.	14–18 Fr.
<b>Oropharyngeal Airway</b> 50 mm/0 – 100 mm/5	50 mm/0	50 mm/0	50 mm/0	60 mm/1	60 mm/1	60 mm/1	70 mm/2	80 mm/3	80 mm/3	90 mm/4 100 mm/5
<b>Nasopharyngeal Airw.</b> 14 Fr.–36 Fr.	14 Fr.	14 Fr.	16 Fr.	18 Fr.	20 Fr.	22 Fr.	24 Fr.	26 Fr.	28 Fr.	30–36 Fr.
<b>King Airway</b> Size 3, 4, or 5	none	none	none	none	none	none	none	3 Yellow	3 Yellow	3 Yellow 4 Red 5 Purple
<b>Endotracheal Tube</b> 6.0–9.0 Cuffed	none	none	none	none	none	none	none	none	none	6.0–9.0
<b>Airway</b>	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult

Medication	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult
<b>Activated Charcoal</b> 50 g 240 mL 25 g 120 mL	PO 4.2 g 20 mL	PO 6.3 g 30 mL	PO 8.3 g 40 mL	PO 10.4 g 50 mL	PO 12.5 g 60 mL	PO 16.7 g 80 mL	PO 20.8 g 100 mL	PO 27 g 130 mL	PO 33.3 g 160 mL	PO 50 g 240 mL
<b>Adenosine</b> 12 mg 4 mL 6 mg 2 mL	IV 0.6 mg 0.2 mL	IV 1.2 mg 0.4 mL	IV 1.8 mg 0.6 mL	IV 1.8 mg 0.6 mL	IV 2.4 mg 0.8 mL	IV 3 mg 1 mL	IV 4.2 mg 1.4 mL	IV 5.4 mg 1.8 mL	IV 6.6 mg 2.2 mL	IV 12 mg 4 mL
<b>Albuterol 0.083%</b> 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL	NEB 2.5 mg 3 mL
<b>Albuterol MDI</b> 90 µg 1 Metered Dose (Puff)	none	none	none	none	none	MDI 180 µg 2 Puffs	MDI 180 µg 2 Puffs	MDI 180 µg 2 Puffs	MDI 180 µg 2 Puffs	MDI 180 µg 2 Puffs
<b>Amiodarone</b> 150 mg 3 mL 900 mg 18 mL  <b>Repeat</b>	IV 20 mg 0.4 mL  IV 20 mg 0.4 mL	IV 35 mg 0.7 mL  IV 35 mg 0.7 mL	IV 45 mg 0.9 mL  IV 45 mg 0.9 mL	IV 50 mg 1 mL  IV 50 mg 1 mL	IV 65 mg 1.3 mL  IV 65 mg 1.3 mL	IV 85 mg 1.7 mL  IV 85 mg 1.7 mL	IV 105 mg 2.1 mL  IV 105 mg 2.1 mL	IV 135 mg 2.7 mL  IV 135 mg 2.7 mL	IV 165 mg 3.3 mL  IV 150 mg 3 mL	IV 300 mg 6 mL  IV 150 mg 3 mL
<b>Aspirin</b> 81 mg 1 Tablet	none	none	none	none	none	none	none	none	none	PO 324 mg 4 Tab.
<b>Atropine</b> 1 mg 10 mL 0.5 mg 5 mL	IV 0.08 mg 0.8 mL	IV 0.13 mg 1.3 mL	IV 0.17 mg 1.7 mL	IV 0.2 mg 2 mL	IV 0.26 mg 2.6 mL	IV 0.33 mg 3.3 mL	IV 0.42 mg 4.2 mL	IV 0.5 mg 5 mL	IV 0.5 mg 5 mL	IV 0.5 mg 5 mL
<b>Atropine</b> 8 mg 20 mL  <b>IV</b>	IM 0.2 mg 0.5 mL  IV 0.2 mg 0.5 mL	IM 0.32 mg 0.8 mL  IV 0.32 mg 0.8 mL	IM 0.44 mg 1.1 mL  IV 0.44 mg 1.1 mL	IM 0.52 mg 1.3 mL  IV 0.52 mg 1.3 mL	IM 0.64 mg 1.6 mL  IV 0.64 mg 1.6 mL	IM 0.84 mg 2.1 mL  IV 0.84 mg 2.1 mL	IM 1 mg 2.5 mL  IV 1.04 mg 2.6 mL	IM x 2 0.68 mg 1.7 mL  IV 1.36 mg 3.4 mL	IM x 2 0.84 mg 2.1 mL  IV 1.64 mg 4.1 mL	IM x 2 1 mg 2.5 mL  IV 2 mg 5 mL
<b>Atropine</b> 1 mg 1 mL  <b>IV</b>	IM 0.2 mg 0.2 mL  IV 0.2 mg 0.2 mL	IM 0.3 mg 0.3 mL  IV 0.3 mg 0.3 mL	IM 0.4 mg 0.4 mL  IV 0.4 mg 0.4 mL	IM 0.5 mg 0.5 mL  IV 0.5 mg 0.5 mL	IM 0.7 mg 0.7 mL  IV 0.7 mg 0.7 mL	IM 0.8 mg 0.8 mL  IV 0.8 mg 0.8 mL	IM 1.1 mg 1.1 mL  IV 1.1 mg 1.1 mL	IM 1.4 mg 1.4 mL  IV 1.4 mg 1.4 mL	IM 1.7 mg 1.7 mL  IV 1.7 mg 1.7 mL	IM 2 mg 2 mL  IV 2 mg 2 mL
<b>Atropine AI</b> 2 mg 1 Autoinjector (AI)  1 mg 1 Autoinjector (AI)  0.5 mg 1 Autoinjector (AI)	none  none  IM 0.5 mg 1 AI	none  none  IM 0.5 mg 1 AI	none  none  IM 0.5 mg 1 AI	none  none  IM 0.5 mg 1 AI	none  none  IM 0.5 mg 1 AI	none  none  IM 0.5 mg 2 AI	none  none  IM 0.5 mg 2 AI	none  none  IM 0.5 mg 2 AI	none  none  IM 0.5 mg 2 AI	IM 2 mg 1 AI  IM 1 mg 2 AI  IM 0.5 mg 4 AI
<b>Calcium Chloride 10%</b> 1 g 10 mL	IV 80 mg 0.8 mL	IV 130 mg 1.3 mL	IV 170 mg 1.7 mL	IV 200 mg 2 mL	IV 260 mg 2.6 mL	IV 330 mg 3.3 mL	IV 420 mg 4.2 mL	IV 540 mg 5.4 mL	IV 660 mg 6.6 mL	IV 1 g 10 mL
<b>Dextrose 10%</b> 1 g 10 mL	IV 2 g 20 mL	IV 3 g 30 mL	IV 4 g 40 mL	IV 5 g 50 mL	IV 6.5 g 65 mL	IV 8 g 80 mL	IV 10.5 g 105 mL	IV 13.5 g 135 mL	IV 16.5 g 165 mL	IV 25 g 250 mL
<b>Dextrose 25%</b> 2.5 g 10 mL	none	IV 3.25 g 13 mL	IV 4.25 g 17 mL	IV 5 g 20 mL	IV 6.5 g 26 mL	IV 8.25 g 33 mL	IV 10.5 g 42 mL	IV 13.5 g 54 mL	IV 16.5 g 66 mL	IV 25 g 100 mL
<b>Medication</b>	<b>Grey</b> 3–5 kg	<b>Pink</b> 6–7 kg	<b>Red</b> 8–9 kg	<b>Purple</b> 10–11 kg	<b>Yellow</b> 12–14 kg	<b>White</b> 15–18 kg	<b>Blue</b> 19–23 kg	<b>Orange</b> 24–29 kg	<b>Green</b> 30–36 kg	<b>Adult</b>

Medication	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult
<b>Dextrose 50%</b> 25 g 50 mL	none	none	none	none	none	IV 8.25 g 16.5 mL	IV 10.5 g 21 mL	IV 13.5 g 27 mL	IV 16.5 g 33 mL	IV 25 g 50 mL
<b>Diazepam</b> 10 mg 2 mL	IV 0.2 mg 0.04 mL	IV 0.35 mg 0.07 mL	IV 0.45 mg 0.09 mL	IV 0.5 mg 0.1 mL	IV 0.5 mg 0.1 mL	IV 1 mg 0.2 mL	IV 1 mg 0.2 mL	IV 1.5 mg 0.3 mL	IV 1.5 mg 0.3 mL	IV 2.5 mg 0.5 mL
	IM 0.4 mg 0.08 mL	IM 0.65 mg 0.13 mL	IM 0.85 mg 0.17 mL	IM 1 mg 0.2 mL	IM 1.5 mg 0.3 mL	IM 1.5 mg 0.3 mL	IM 2 mg 0.4 mL	IM 2.5 mg 0.5 mL	IM 3.5 mg 0.7 mL	IM 5 mg 1 mL
<b>Related to CPAP Mask</b>	none	none	none	none	none	none	none	none	none	CPAP 1 mg 0.2 mL
<b>Diazepam AI</b> 10 mg 1 Autoinjector (AI)	none	none	none	none	none	none	none	none	none	IM 10 mg 1 AI
<b>Diphenhydramine</b> 50 mg 1 mL	IV / IM 5 mg 0.1 mL	IV / IM 5 mg 0.1 mL	IV / IM 10 mg 0.2 mL	IV / IM 10 mg 0.2 mL	IV / IM 15 mg 0.3 mL	IV / IM 15 mg 0.3 mL	IV / IM 20 mg 0.4 mL	IV / IM 25 mg 0.5 mL	IV / IM 35 mg 0.7 mL	IV / IM 50 mg 1 mL
<b>DuoDote (NAAK)</b> 2.1 mg / 600 mg 1 Autoinjector (AI)	none	none	none	none	none	none	none	none	none	IM 2.1 / 600 1 AI
<b>Epinephrine 1:1,000</b> 1 mg   30 mg 1 mL   30 mL	IM 0.04 mg 0.04 mL	IM 0.07 mg 0.07 mL	IM 0.09 mg 0.09 mL	IM 0.1 mg 0.1 mL	IM 0.1 mg 0.1 mL	IM 0.2 mg 0.2 mL	IM 0.2 mg 0.2 mL	IM 0.3 mg 0.3 mL	IM 0.3 mg 0.3 mL	IM 0.3 mg 0.3 mL
	IV 0.04 mg 0.4 mL	IV 0.07 mg 0.7 mL	IV 0.09 mg 0.9 mL	IV 0.1 mg 1 mL	IV 0.13 mg 1.3 mL	IV 0.17 mg 1.7 mL	IV 0.21 mg 2.1 mL	IV 0.27 mg 2.7 mL	IV 0.33 mg 3.3 mL	IV 1 mg 10 mL
<b>Fentanyl</b> 100 µg 2 mL	IV / IM 4 µg 0.08 mL	IV / IM 6.5 µg 0.13 mL	IV / IM 8.5 µg 0.17 mL	IV / IM 10 µg 0.2 mL	IV / IM 15 µg 0.3 mL	IV / IM 15 µg 0.3 mL	IV / IM 20 µg 0.4 mL	IV / IM 25 µg 0.5 mL	IV / IM 30 µg 0.6 mL	IV / IM 50 µg 1 mL
	IN 4 µg 0.08 mL	IN 6.5 µg 0.13 mL	IN 8.5 µg 0.17 mL	IN 10 µg 0.2 mL	IN 15 µg 0.3 mL	IN 15 µg 0.3 mL	IN 20 µg 0.4 mL	IN 25 µg 0.5 mL	IN x 2 15 µg 0.3 mL	IN 50 µg 1 mL
<b>Glucagon</b> 1 mg 1 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 1 mg 1 mL	IV / IM 1 mg 1 mL	IV / IM 1 mg 1 mL	IV / IM 1 mg 1 mL	IV / IM 1 mg 1 mL
<b>Glucose Gel</b> 1 Tube	PO 4 mL	PO 7 mL	PO 9 mL	PO 10 mL	PO 13 mL	PO 1 Tube	PO 1 Tube	PO 1 Tube	PO 1 Tube	PO 1 Tube
<b>Ipratropium Bromide</b> 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL	NEB 0.5 mg 2.5 mL
<b>Lidocaine 2%</b> 100 mg   400 mg 5 mL   20 mL	IV 4 mg 0.2 mL	IV 6 mg 0.3 mL	IV 8 mg 0.4 mL	IV 10 mg 0.5 mL	IV 14 mg 0.7 mL	IV 16 mg 0.8 mL	IV 22 mg 1.1 mL	IV 28 mg 1.4 mL	IV 34 mg 1.7 mL	IV 100 mg 5 mL
	Repeat 4 mg 0.2 mL	Repeat 6 mg 0.3 mL	Repeat 8 mg 0.4 mL	Repeat 10 mg 0.5 mL	Repeat 14 mg 0.7 mL	Repeat 16 mg 0.8 mL	Repeat 22 mg 1.1 mL	Repeat 28 mg 1.4 mL	Repeat 34 mg 1.7 mL	Repeat 50 mg 2.5 mL
	<b>Conscious IO Pain</b> 2 mg 0.1 mL	IO 4 mg 0.2 mL	IO 4 mg 0.2 mL	IO 6 mg 0.3 mL	IO 8 mg 0.4 mL	IO 8 mg 0.4 mL	IO 12 mg 0.6 mL	IO 14 mg 0.7 mL	IO 18 mg 0.9 mL	IO 50 mg 2.5 mL
<b>Medication</b>	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult
<b>Medication</b>	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult

<b>Lorazepam</b> 4 mg 1 mL	IV / IN	IV / IN	IV / IN	IV / IN	IV / IN	IV / IN	IV / IN	IV / IN	IV / IN	IV / IN
	0.2 mg 0.05 mL	0.2 mg 0.05 mL	0.4 mg 0.1 mL	0.4 mg 0.1 mL	0.8 mg 0.2 mL	0.8 mg 0.2 mL	1.2 mg 0.3 mL	1.2 mg 0.3 mL	1.6 mg 0.4 mL	2.4 mg 0.6 mL
	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM
	0.4 mg 0.1 mL	0.8 mg 0.2 mL	0.8 mg 0.2 mL	1.2 mg 0.3 mL	1.2 mg 0.3 mL	1.6 mg 0.4 mL	2 mg 0.5 mL	2.8 mg 0.7 mL	3.2 mg 0.8 mL	5.2 mg 1.3 mL
<b>Related to CPAP Mask</b>	none	none	none	none	none	none	none	none	none	<u>CPAP</u> 1.2 mg 0.3 mL
<b>Lorazepam</b> 2 mg 1 mL	IV	IV	IV	IV	IV	IV	IV	IV	IV	IV
	0.2 mg 0.1 mL	0.4 mg 0.2 mL	0.4 mg 0.2 mL	0.6 mg 0.3 mL	0.6 mg 0.3 mL	0.8 mg 0.4 mL	1 mg 0.5 mL	1.4 mg 0.7 mL	1.6 mg 0.8 mL	2.6 mg 1.3 mL
	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM
	0.4 mg 0.2 mL	0.6 mg 0.3 mL	0.8 mg 0.4 mL	1 mg 0.5 mL	1.4 mg 0.7 mL	1.6 mg 0.8 mL	2 mg 1 mL	2.8 mg 1.4 mL	3.4 mg 1.7 mL	5 mg 2.5 mL
	IN	IN	IN	IN	IN	IN	IN	IN x 2	IN x 2	IN x 2
	0.2 mg 0.1 mL	0.4 mg 0.2 mL	0.4 mg 0.2 mL	0.6 mg 0.3 mL	0.6 mg 0.3 mL	0.8 mg 0.4 mL	1 mg 0.5 mL	0.8 mg 0.4 mL	0.8 mg 0.4 mL	1.4 mg 0.7 mL
<b>Related to CPAP Mask</b>	none	none	none	none	none	none	none	none	none	<u>CPAP</u> 1 mg 0.5 mL
<b>Magnesium Sulfate</b> 5 g   1 g 10 mL   2 mL	IV	IV	IV	IV	IV	IV	IV	IV	IV	IV
	0.2 g 0.4 mL	0.35 g 0.7 mL	0.45 g 0.9 mL	0.5 g 1 mL	0.65 g 1.3 mL	0.85 g 1.7 mL	1.05 g 2.1 mL	1.35 g 2.7 mL	1.65 g 3.3 mL	2 g 4 mL
	<b>Eclampsia</b> In 50 mL Over 10 min.	none	none	none	none	none	none	none	none	IVPB 5 g 10 mL
<b>Eclampsia IM</b>	none	none	none	none	none	none	none	none	none	IM x 2 2.5 g 5 mL
<b>Magnesium Sulfate</b> 4 g 100 mL (IV Bag)	IV	IV	IV	IV	IV	IV	IV	IV	IV	IV
	0.2 g 5 mL	0.36 g 9 mL	0.44 g 11 mL	0.52 g 13 mL	0.64 g 16 mL	0.84 g 21 mL	1.04 g 26 mL	1.36 g 34 mL	1.64 g 41 mL	2 g 50 mL
<b>Eclampsia</b> Over 10 min.	none	none	none	none	none	none	none	none	none	IVPB 4 g 100 mL
<b>Mark I (NAAK)</b> 2 mg / 600 mg 1 Kit of 2 Autoinjectors	none	none	none	none	none	none	none	none	none	IM 2 / 600 1 Kit
<b>Midazolam</b> 5 mg   10 mg 1 mL   2 mL	IV / IN	IV / IN	IV / IN	IV / IN	IV / IN	IV / IN	IV / IN	IV / IN	IV / IN	IV / IN
	0.2 mg 0.04 mL	0.35 mg 0.07 mL	0.45 mg 0.09 mL	0.5 mg 0.1 mL	0.5 mg 0.1 mL	1 mg 0.2 mL	1 mg 0.2 mL	1.5 mg 0.3 mL	1.5 mg 0.3 mL	2.5 mg 0.5 mL
	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM
	0.4 mg 0.08 mL	0.7 mg 0.14 mL	0.9 mg 0.18 mL	1 mg 0.2 mL	1 mg 0.2 mL	2 mg 0.4 mL	2 mg 0.4 mL	3 mg 0.6 mL	3 mg 0.6 mL	5 mg 1 mL
<b>Related to CPAP Mask</b>	none	none	none	none	none	none	none	none	none	<u>CPAP</u> 1 mg 0.2 mL
<b>Left Blank</b>	none	none	none	none	none	none	none	none	none	none
<b>Medication</b>	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult
<b>Medication</b>	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult



<b>Midazolam</b> 5 mg 5 mL	IV	IV	IV	IV	IV	IV	IV	IV	IV	IV	
	0.2 mg 0.2 mL	0.3 mg 0.3 mL	0.4 mg 0.4 mL	0.5 mg 0.5 mL	0.7 mg 0.7 mL	0.8 mg 0.8 mL	1.1 mg 1.1 mL	1.4 mg 1.4 mL	1.7 mg 1.7 mL	2.5 mg 2.5 mL	
	IM	IM	IM	IM	IM	IM	IM	IM X 2	IM X 2	IM X 2	
	0.4 mg 0.4 mL	0.7 mg 0.7 mL	0.9 mg 0.9 mL	1 mg 1 mL	1.3 mg 1.3 mL	1.7 mg 1.7 mL	2.1 mg 2.1 mL	1.4 mg 1.4 mL	1.7 mg 1.7 mL	2.5 mg 2.5 mL	
<b>IN</b>	IN	IN	IN	IN	IN x 2	IN x 2	IN x 2	IN x 2	IN x 2	IN x 2	
	0.2 mg 0.2 mL	0.3 mg 0.3 mL	0.4 mg 0.4 mL	0.5 mg 0.5 mL	0.4 mg 0.4 mL	0.4 mg 0.4 mL	0.5 mg 0.5 mL	0.5 mg 0.5 mL	0.5 mg 0.5 mL	1 mg 1 mL	
<b>Related to CPAP Mask</b>	none	none	none	none	none	none	none	none	none	<u>CPAP</u> 1 mg 1 mL	
<b>Morphine Sulfate</b> 10 mg 1 mL	IV / IM 0.4 mg 0.04 mL	IV / IM 0.7 mg 0.07 mL	IV / IM 0.9 mg 0.09 mL	IV / IM 1 mg 0.1 mL	IV / IM 1 mg 0.1 mL	IV / IM 2 mg 0.2 mL	IV / IM 2 mg 0.2 mL	IV / IM 3 mg 0.3 mL	IV / IM 3 mg 0.3 mL	IV / IM 5 mg 0.5 mL	
<b>Morphine Sulfate</b> 10 mg 10 mL	IV	IV	IV	IV	IV	IV	IV	IV	IV	IV	
	0.4 mg 0.4 mL	0.7 mg 0.7 mL	0.9 mg 0.9 mL	1 mg 1 mL	1.3 mg 1.3 mL	1.7 mg 1.7 mL	2.1 mg 2.1 mL	2.7 mg 2.7 mL	3.3 mg 3.3 mL	5 mg 5 mL	
<b>IM</b>	IM	IM	IM	IM	IM	IM	IM	IM x 2	IM x 2	IM x 2	
	0.4 mg 0.4 mL	0.7 mg 0.7 mL	0.9 mg 0.9 mL	1 mg 1 mL	1.3 mg 1.3 mL	1.7 mg 1.7 mL	2.1 mg 2.1 mL	1.4 mg 1.4 mL	1.7 mg 1.7 mL	2.5 mg 2.5 mL	
<b>Naloxone</b> 2 mg 2 mL	IV / IM 0.4 mg 0.4 mL	IV / IM 0.7 mg 0.7 mL	IV / IM 0.9 mg 0.9 mL	IV / IM 1 mg 1 mL	IV / IM 1.3 mg 1.3 mL	IV / IM 1.7 mg 1.7 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	IV / IM 0.5 mg 0.5 mL	
	IN x 2 0.2 mg 0.2 mL	IN x 2 0.4 mg 0.4 mL	IN x 2 0.5 mg 0.5 mL	IN x 2 0.5 mg 0.5 mL	IN x 2 0.5 mg 0.5 mL	IN x 2 0.5 mg 0.5 mL	IN 0.5 mg 0.5 mL	IN 0.5 mg 0.5 mL	IN 0.5 mg 0.5 mL	IN 1 mg 1 mL	
<b>Naloxone</b> 4 mg 10 mL	0.4 mg 1 mL	IV	IV	IV	IV	IV	IV	IV	IV	IV	
		0.4 mg 1 mL	0.72 mg 1.8 mL	0.92 mg 2.3 mL	1.04 mg 2.6 mL	1.32 mg 3.3 mL	1.72 mg 4.3 mL	2 mg 5 mL	2 mg 5 mL	2 mg 5 mL	2 mg 5 mL
		IM	IM	IM	IM	IM x 2	IM x 2	IM x 2	IM x 2	IM x 2	IM x 2
<b>IN</b>	0.4 mg 1 mL	0.4 mg 1 mL	0.72 mg 1.8 mL	0.92 mg 2.3 mL	1 mg 2.5 mL	0.68 mg 1.7 mL	0.88 mg 2.2 mL	1 mg 2.5 mL	1 mg 2.5 mL	1 mg 2.5 mL	
		IN x 2 0.2 mg 0.5 mL	IN x 2 0.2 mg 0.5 mL	IN x 2 0.2 mg 0.5 mL	IN x 2 0.2 mg 0.5 mL	IN x 2 0.2 mg 0.5 mL	IN x 2 0.2 mg 0.5 mL	IN x 2 0.2 mg 0.5 mL	IN x 2 0.2 mg 0.5 mL	IN x 2 0.2 mg 0.5 mL	IN x 2 0.4 mg 1 mL
<b>Nitroglycerin</b> 0.4 mg 1 Tablet or Spray	none	none	none	none	none	none	none	none	none	SL 0.4 mg 1 Tab.	
<b>Nitro Paste 2%</b> 1 g 1 Inch	30 or 60 g 1 Tube	none	none	none	none	none	none	none	none	TD 1 g 1 Inch	
<b>Normal Saline 0.9%</b> IV Solution	IV 80 mL 1 Bolus	IV 130 mL 1 Bolus	IV 170 mL 1 Bolus	IV 200 mL 1 Bolus	IV 250 mL 1 Bolus	IV 250 mL 1 Bolus	IV 250 mL 1 Bolus	IV 250 mL 1 Bolus	IV 250 mL 1 Bolus	IV 250 mL 1 Bolus	
<b>Ondansetron</b> 4 mg 2 mL	40 mg 20 mL	IV / IM 0.4 mg 0.2 mL	IV / IM 0.6 mg 0.3 mL	IV / IM 0.8 mg 0.4 mL	IV / IM 1 mg 0.5 mL	IV / IM 1.4 mg 0.7 mL	IV / IM 1.6 mg 0.8 mL	IV / IM 2.2 mg 1.1 mL	IV / IM 2.8 mg 1.4 mL	IV / IM 3.4 mg 1.7 mL	
		4 mg 2 mL	4 mg 2 mL	4 mg 2 mL	4 mg 2 mL	4 mg 2 mL	4 mg 2 mL	4 mg 2 mL	4 mg 2 mL	4 mg 2 mL	
<b>Ondansetron ODT</b> 4 mg 1 Tablet	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	ODT 4 mg 1 Tab.	
<b>Medication</b>	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult	
<b>Medication</b>	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult	
<b>Pralidoxime</b>	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	

1000 mg 5 mL (in 20 mL Vial) <b>IVPB</b> 1000 mg 20 mL	80 mg 0.4 mL	140 mg 0.7 mL	180 mg 0.9 mL	200 mg 1 mL	260 mg 1.3 mL	340 mg 1.7 mL	420 mg 2.1 mL	540 mg 2.7 mL	600 mg 3 mL	600 mg 3 mL
	IVPB 80 mg 1.6 mL	IVPB 140 mg 2.8 mL	IVPB 180 mg 3.6 mL	IVPB 200 mg 4 mL	IVPB 260 mg 5.2 mL	IVPB 340 mg 6.8 mL	IVPB 420 mg 8.4 mL	IVPB 540 mg 10.8 mL	IVPB 600 mg 12 mL	IVPB 600 mg 12 mL
<b>Sodium Bicarb. 8.4%</b> 50 mEq   10 mEq 50 mL   10 mL	IV 4 mEq 4 mL	IV 6.5 mEq 6.5 mL	IV 8.5 mEq 8.5 mL	IV 10 mEq 10 mL	IV 13 mEq 13 mL	IV 16.5 mEq 16.5 mL	IV 21 mEq 21 mL	IV 27 mEq 27 mL	IV 33 mEq 33 mL	IV 50 mEq 50 mL
	IV 4 mEq 4 mL	IV 6.5 mEq 6.5 mL	IV 8.5 mEq 8.5 mL	IV 10 mEq 10 mL	IV 13 mEq 13 mL	IV 16.5 mEq 16.5 mL	IV 21 mEq 21 mL	IV 27 mEq 27 mL	IV 33 mEq 33 mL	IV 50 mEq 50 mL
<b>Tranexamic acid</b> 1 gram 10 mL	none	none	none	none	none	none	none	none	none	IVPB 1 gram 10 mL +IVPB NS
<b>Medication</b>	<b>Grey</b> 3–5 kg	<b>Pink</b> 6–7 kg	<b>Red</b> 8–9 kg	<b>Purple</b> 10–11 kg	<b>Yellow</b> 12–14 kg	<b>White</b> 15–18 kg	<b>Blue</b> 19–23 kg	<b>Orange</b> 24–29 kg	<b>Green</b> 30–36 kg	<b>Adult</b>

CDC Medication	Grey 3–5 kg	Pink 6–7 kg	Red 8–9 kg	Purple 10–11 kg	Yellow 12–14 kg	White 15–18 kg	Blue 19–23 kg	Orange 24–29 kg	Green 30–36 kg	Adult
<b>Atropine</b> 8 mg 20 mL  IV	IM 0.2 mg 0.5 mL	IM 0.32 mg 0.8 mL	IM 0.44 mg 1.1 mL	IM 0.52 mg 1.3 mL	IM 0.64 mg 1.6 mL	IM 0.84 mg 2.1 mL	IM 1 mg 2.5 mL	IM x 2 0.68 mg 1.7 mL	IM x 2 0.84 mg 2.1 mL	IM x 2 1 mg 2.5 mL
	IV 0.2 mg 0.5 mL	IV 0.32 mg 0.8 mL	IV 0.44 mg 1.1 mL	IV 0.52 mg 1.3 mL	IV 0.64 mg 1.6 mL	IV 0.84 mg 2.1 mL	IV 1.04 mg 2.6 mL	IV 1.36 mg 3.4 mL	IV 1.64 mg 4.1 mL	IV 2 mg 5 mL
<b>Atropine AI</b> 2 mg 1 Autoinjector (AI)  1 mg 1 Autoinjector (AI)  0.5 mg 1 Autoinjector (AI)	none	none	none	none	none	none	none	none	none	IM 2 mg 1 AI
	none	none	none	none	none	IM 1 mg 1 AI	IM 1 mg 1 AI	IM 1 mg 1 AI	IM 1 mg 1 AI	IM 1 mg 2 AI
	IM 0.5 mg 1 AI	IM 0.5 mg 1 AI	IM 0.5 mg 1 AI	IM 0.5 mg 1 AI	IM 0.5 mg 1 AI	IM 0.5 mg 2 AI	IM 0.5 mg 2 AI	IM 0.5 mg 2 AI	IM 0.5 mg 2 AI	IM 0.5 mg 4 AI
<b>Diazepam</b> 10 mg 2 mL  IV	IM 0.4 mg 0.08 mL	IM 0.65 mg 0.13 mL	IM 0.85 mg 0.17 mL	IM 1 mg 0.2 mL	IM 1.5 mg 0.3 mL	IM 1.5 mg 0.3 mL	IM 2 mg 0.4 mL	IM 2.5 mg 0.5 mL	IM 3.5 mg 0.7 mL	IM 5 mg 1 mL
	IV 0.2 mg 0.04 mL	IV 0.35 mg 0.07 mL	IV 0.45 mg 0.09 mL	IV 0.5 mg 0.1 mL	IV 0.5 mg 0.1 mL	IV 1 mg 0.2 mL	IV 1 mg 0.2 mL	IV 1.5 mg 0.3 mL	IV 1.5 mg 0.3 mL	IV 2.5 mg 0.5 mL
<b>Diazepam AI</b> 10 mg 1 Autoinjector (AI)	none	none	none	none	none	none	none	none	none	IM 10 mg 1 AI
<b>DuoDote (NAAK)</b> 2.1 mg / 600 mg 1 Autoinjector (AI)	none	none	none	none	none	none	none	none	none	IM 2.1 / 600 1 AI
<b>Mark I (NAAK)</b> 2 mg / 600 mg 1 Kit of 2 Autoinjectors	none	none	none	none	none	none	none	none	none	IM 2 / 600 1 Kit
<b>Pralidoxime</b> 1000 mg 5 mL (in 20 mL Vial)  IVPB 1000 mg 20 mL	IM 80 mg 0.4 mL	IM 140 mg 0.7 mL	IM 180 mg 0.9 mL	IM 200 mg 1 mL	IM 260 mg 1.3 mL	IM 340 mg 1.7 mL	IM 420 mg 2.1 mL	IM 540 mg 2.7 mL	IM 600 mg 3 mL	IM 600 mg 3 mL
	IVPB 80 mg 1.6 mL	IVPB 140 mg 2.8 mL	IVPB 180 mg 3.6 mL	IVPB 200 mg 4 mL	IVPB 260 mg 5.2 mL	IVPB 340 mg 6.8 mL	IVPB 420 mg 8.4 mL	IVPB 540 mg 10.8 mL	IVPB 600 mg 12 mL	IVPB 600 mg 12 mL
<b>CDC Medication</b>	<b>Grey</b> 3–5 kg	<b>Pink</b> 6–7 kg	<b>Red</b> 8–9 kg	<b>Purple</b> 10–11 kg	<b>Yellow</b> 12–14 kg	<b>White</b> 15–18 kg	<b>Blue</b> 19–23 kg	<b>Orange</b> 24–29 kg	<b>Green</b> 30–36 kg	<b>Adult</b>