

**Reference III: San Francisco Pediatric Dosing Guide** *(ver. 02/03/2020)*  
**Based on Broselow Length-Based Measurement Tape**

	Grey	Pink	Red	Purple	Yellow	White	Blue	Orange	Green
<b>WEIGHT (in kg):</b>	<b>3 - 5</b>	<b>6 - 7</b>	<b>8 - 9</b>	<b>10 - 11</b>	<b>12 - 14</b>	<b>15 - 18</b>	<b>19 - 22</b>	<b>24 - 28</b>	<b>30 - 36</b>
<b>(in lbs.):</b>	6.6 - 11	13.2 - 15.4	17.6 - 19.8	22.0 - 24.2	26.4 - 30.8	33.0 - 39.6	41.8 - 48.4	52.8 - 61.6	66.0 - 79.2
<b>ADENOSINE</b> <i>Concentration 6mg/2ml</i> Dose 0.1 mg/kg	0.3 - 0.5 mg	0.6 - 0.7 mg	0.8 - 0.9 mg	1.0 - 1.1 mg	1.2 - 1.4 mg	1.5 - 1.8 mg	1.9 - 2.2 mg	2.4 - 2.8 mg	3.0 - 3.6 mg
ml to give =	0.1 - 0.2 ml	0.2 ml	0.3 ml	0.3 - 0.4 ml	0.4 - 0.5 ml	0.5 - 0.6 ml	0.6 - 0.7 ml	0.8 - 0.9 ml	1.0 - 1.2 ml
<b>ADENOSINE</b> <i>Concentration 6mg/2ml</i> Dose 0.2 mg/kg	0.6 - 1.0 mg	1.2 - 1.4 mg	1.6 - 1.8 mg	2.0 - 2.2 mg	2.4 - 2.8 mg	3.0 - 3.6 mg	3.8 - 4.4 mg	4.8 - 5.6 mg	6.0 - 7.2 mg
ml to give =	0.2 - 0.3 ml	0.4 - 0.5 ml	0.5 - 0.6 ml	0.7 - 0.8 ml	0.8 - 0.9 ml	1.0 - 1.2 ml	1.3 - 1.5 ml	1.6 - 1.9 ml	2.0 - 2.3 ml
<b>ALBUTEROL</b> <i>Concentration 2.5mg in 3ml NS</i>	<b>2.5 mg/3 ml NS for all pedi patients</b>								
<b>AMIODARONE</b> <i>Concentration 150 mg/3ml</i> Dose 5 mg/kg (give over 10 minutes)	15 - 25 mg	30 - 35 mg	40 - 45 mg	50 - 55mg	60 - 70 mg	75 - 90mg	95 - 110 mg	120 - 140 mg	150 - 180 mg
ml to give =	0.3 - 0.5 ml	0.6 - 0.7 ml	0.8 - 0.9 ml	1.0 - 1.1 ml	1.2 - 1.4 ml	1.5 - 1.8 ml	1.9 - 2.2 ml	2.4 - 2.8 ml	3.0 - 3.6 ml
<b>ATROPINE</b> <i>Concentration 1 mg/10 ml</i> Dose 0.02 mg/kg IV/IO Min 0.1 mg - Max 0.5 mg (No Max dose, if Organophosphate poisoning)	0.06 - 0.1 mg	0.12 - 0.14 mg	0.16 - 0.18 mg	0.2 - 0.22 mg	0.24 - 0.28 mg	0.3 - 0.36 mg	0.38 - 0.44 mg	0.48 - 0.50 mg	0.50 mg
ml to give =	1.0 ml	1.2 - 1.4 ml	1.6 - 1.8 ml	2.0 - 2.2 ml	2.4 - 2.8 ml	3.0 - 3.6 ml	3.8 - 4.4 ml	4.8 - 5.0 ml	5.0 ml

\*\*Cross-check and confirm dosage prior to administration of medication\*\*

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<b>WEIGHT (in kg):</b>	<b>3 - 5</b>	<b>6 - 7</b>	<b>8 - 9</b>	<b>10 - 11</b>	<b>12 - 14</b>	<b>15 - 18</b>	<b>19 - 22</b>	<b>24 - 28</b>	<b>30 - 36</b>	
<b>(in lbs.):</b>	6.6 - 11	13.2 - 15.4	17.6 - 19.8	22.0 - 24.2	26.4 - 30.8	33.0 - 39.6	41.8 - 48.4	52.8 - 61.6	66.0 - 79.2	
<b>DEXTROSE 10%</b>  <i>Concentration 0.1 g/ml</i> <i>D10W = mix 1 ml of D50W</i> <i>with 4 ml of sterile water</i>	Neonates < 1 month <i>D10W</i> Dose 2 ml/kg (0.2 g/kg)	Child > 1 month <i>D10W</i> Dose 5 ml/kg (0.5 g/kg) Max 25 gms								
	<b>OR</b>	0.6 – 1.0 gm	1.2 – 1.4 gm	1.6 – 1.8 gm	2.0 – 2.2 gm	6 – 7 gm	7.5 – 9 gm	9.5 – 11 gm	12 – 14 gm	15 – 18 gm
	<i>Draw from 250cc bag of D10W</i>	6 – 10 ml	30 – 35 ml	40 – 45 ml	50 – 55 ml	60 – 70 ml	75 – 90 ml	95 – 110 ml	120 – 140 ml	150 – 180 ml
<b>DIPHENHYDRAMINE</b> <i>Concentration 50 mg/ml</i> Dose 1 mg/kg Max 25 mg ml to give =	3 – 5 mg	6 - 7 mg	8 - 9 mg	10 - 11 mg	12 - 14 mg	15 - 18 mg	19 - 22 mg	24 - 25 mg	25 mg	
	0.06 - 0.10 ml	0.12 - 0.14 ml	0.16 - 0.18 ml	0.2 - 0.22 ml	0.24 - 0.28 ml	0.3 - 0.36 ml	0.38 - 0.44 ml	0.48 - 0.5 ml	0.5 ml	
<b>EPINEPHRINE 1:1,000</b> <b>(Not Cardiac Arrest)</b>  <i>Concentration 1 mg/1 ml</i> Dose 0.01 mg/kg IM Max 0.3mg ml to give =	0.03 – 0.05 mg	0.06 - 0.07 mg	0.08 - 0.09 mg	0.1 - 0.11 mg	0.12 – 0.14 mg	0.15 – 0.18 mg	0.19 – 0.22 mg	0.24 – 0.28 mg	0.3 mg	
	0.03 – 0.05 ml	0.06 – 0.07 ml	0.08 – 0.09 ml	0.1 – 0.11 ml	0.12 - 0.14 ml	0.15 - 0.18 ml	0.19 – 0.22 ml	0.24 – 0.28 ml	0.3 ml	
<b>EPINEPHRINE</b> <b>(Cardiac Arrest)</b> <i>Concentration 1 mg/10 ml</i> <i>(0.1mg/1ml)</i> Dose 0.01 mg/kg IV/IO Max 1 mg ml to give =	0.03 – 0.05 mg	0.06 - 0.07 mg	0.08 - 0.09 mg	0.1 - 0.11 mg	0.12 – 0.14 mg	0.15 – 0.18 mg	0.19 – 0.22 mg	0.24 – 0.28 mg	0.3 – 0.36 mg	
	0.3 - 0.4 ml	0.6 - 0.7 ml	0.8 – 0.9 ml	1.0 – 1.1 ml	1.2 – 1.4 ml	1.5 - 1.8 ml	1.9 - 2.2 ml	2.4 - 2.8 ml	3.0 - 3.6 ml	

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<b>WEIGHT (in kg):</b>	<b>3 - 5</b>	<b>6 - 7</b>	<b>8 - 9</b>	<b>10 - 11</b>	<b>12 - 14</b>	<b>15 - 18</b>	<b>19 - 22</b>	<b>24 - 28</b>	<b>30 - 36</b>
(in lbs.):	6.6 - 11	13.2 - 15.4	17.6 - 19.8	22.0 - 24.2	26.4 - 30.8	33.0 - 39.6	41.8 - 48.4	52.8 - 61.6	66.0 - 79.2
<b>FENTANYL CITRATE</b> <i>Concentration 100 mcg/2 ml</i> Dose 1mcg/kg IV/IO Max 50mcg on initial dose <b>ml to give =</b>	3 - 5 mcg	6 - 7 mcg	8 - 9 mcg	10 - 11 mcg	12 - 14 mcg	15 - 18 mcg	19 - 22 mcg	24 - 28 mcg	30 - 36 mcg
	0.06 - 0.1 ml	0.12 - 0.14 ml	0.16 - 0.18 ml	0.2 - 0.22 ml	0.24 - 0.28 ml	0.3 - 0.36 ml	0.38 - 0.44 ml	0.48 - 0.56 ml	0.6 - 0.72 ml
<b>FENTANYL CITRATE</b> <i>Concentration 100 mcg/2 ml</i> Dose 2mcg/kg IM/IN Max 50mcg on initial dose <b>ml to give=</b>	6 - 10 mcg	12 - 14 mcg	16 - 18 mcg	20 - 22 mcg	24 - 28 mcg	30 - 36 mcg	38 - 44 mcg	48 - 50 mcg	50 mcg
	0.12 - 0.2 ml	0.24 - 0.28 ml	0.32 - 0.36 ml	0.4 - 0.44 ml	0.48 - 0.56 ml	0.6 - 0.72 ml	0.76 - 0.88 ml	0.96 - 1 ml	1 ml
<b>GLUCAGON</b> <i>Concentration 1 mg/1 ml</i> Dose < 20 Kg give 0.5mg >20 Kg give 1mg <b>ml to give =</b>	0.5 mg	0.5 mg	0.5 mg	0.5 mg	0.5 mg	0.5 mg	1.0 mg	1.0 mg	1.0 mg
	0.5 ml if < 20 Kg						1.0 ml if > 20 Kg		
<b>MIDAZOLAM</b> <i>Concentration 5 mg/1 ml</i> Dose 0.2 mg/kg IM/IV/IO Max 4 mg <b>ml to give =</b>	0.6 - 1 mg	1.2 - 1.4 mg	1.6 - 1.8 mg	2 - 2.2 mg	2.4 - 2.8 mg	3 - 3.6 mg	3.8 - 4 mg	4 mg	4 mg
	0.12 - 0.2 ml	0.24 - 0.28 ml	0.32 - 0.36 ml	0.4 - 0.44 ml	0.48 - 0.56 ml	0.6 - 0.72 ml	0.76 - 0.8 ml	0.8 ml	0.8 ml
<b>MIDAZOLAM</b> <i>Concentration 5 mg/1 ml</i> Dose 0.4 mg/kg Intranasal Max 4 mg (1/2 in each nare) <b>ml to give =</b>	1.2 - 2 mg	2.4 - 2.8 mg	3.2 - 3.6 mg	4 mg	4 mg	4 mg	4 mg	4 mg	4 mg
	0.24 - 0.4 ml	0.48 - 0.56 ml	0.64 - 0.72 ml	0.8 ml	0.8 ml	0.8 ml	0.8 ml	0.8 ml	0.8 ml
<b>MORPHINE</b> <i>Concentration 10 mg/10 ml</i> Dose < 6 mos: 0.05 mg/kg IM / IV / IO Max 4 mg <b>ml to give =</b>	0.2 - 0.3 mg	0.3 - 0.4 mg	0.4 - 0.5 mg	*****	*****	*****	*****	*****	*****
	0.15 - 0.25 ml	0.3 - 0.35 ml	0.4 - 0.45 ml	*****	*****	*****	*****	*****	*****
<b>MORPHINE</b> <i>Concentration 10 mg/10 ml</i> Dose > 6 mos: 0.1 mg/kg IM/IV/IO <b>ml to give =</b>	*****	*****	*****	1.0 - 1.1 mg	1.2 - 1.4 mg	1.5 - 1.8 mg	1.9 - 2.2 mg	2.4 - 2.8 mg	3.0 - 3.6 mg
	*****	*****	*****	1.0 - 1.1 ml	1.2 - 1.4 ml	1.5 - 1.8 ml	1.9 - 2.2 ml	2.4 - 2.8 ml	3.0 - 3.6 ml

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<b>WEIGHT (in kg):</b> (in lbs.):	<b>3 - 5</b> 6.6 - 11	<b>6 - 7</b> 13.2 - 15.4	<b>8 - 9</b> 17.6 - 19.8	<b>10 - 11</b> 22.0 - 24.2	<b>12 - 14</b> 26.4 - 30.8	<b>15 - 18</b> 33.0 - 39.6	<b>19 - 22</b> 41.8 - 48.4	<b>24 - 28</b> 52.8 - 61.6	<b>30 - 36</b> 66.0 - 79.2
<b>ONDANSETRON</b> <i>Concentration 4 mg/2 ml</i> Dose 0.1 mg/kg  ml to give =	*****	*****	*****	1 – 1.1 mg	1.2 – 1.4 mg	1.5 – 1.8 mg	1.9 – 2.2 mg	2.4 – 2.8 mg	3 – 3.6 mg
	*****	*****	*****	0.5 – 0.55 ml	0.6 - 0.7 ml	0.75 – 0.9 ml	0.95 – 1.1 ml	1.2 – 1.4 ml	1.5 – 1.8 ml
<b>PRALIDOXIME CHLORIDE (2-PAM)</b> <i>Concentration 600 mg/2 ml</i> Dose 20 mg/kg IM /IV These dosages are not available outside of the autoinjectors, but are as follows,in hospital setting: ml to give =	Bronchospasm and respiratory secretions are the best acute symptoms to monitor for evaluating the response to Atropine/2-PAM: <ul style="list-style-type: none"> <li>Decreased bronchospasm and respiratory secretions = getting better.</li> <li>No change or increased bronchospasm and respiratory secretions = needs more 2-PAM</li> </ul>								
	60 - 100 mg	120 - 140 mg	160 - 180 mg	200 - 220 mg	240 - 280 mg	300 - 360 mg	380 - 440 mg	480 - 560 mg	600 - 720 mg
	0.2 - 0.33 ml	0.4 – 0.47 ml	0.53 – 0.6 ml	0.67 – 0.73 ml	0.8 – 0.93 ml	1.0 – 1.2 ml	1.27 – 1.47 ml	1.6 – 1.87 ml	2.0 - 2.4 ml

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