

Reference III: San Francisco Pediatric Dosing Guide *(ver. 02/27/2018)*

Based on Broselow Length-Based Measurement Tape

	Grey	Pink	Red	Purple	Yellow	White	Blue	Orange	Green
WEIGHT (in kg):	3 - 5	6 - 7	8 - 9	10 - 11	12 - 14	15 - 18	19 - 22	24 - 28	30 - 36
(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
ADENOSINE <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
ADENOSINE <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
ALBUTEROL <i>Concentration 2.5mg in 3ml NS</i>	2.5 mg/3 ml NS for all pedi patients								
AMIODARONE <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
ATROPINE <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

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DEXTROSE 10% <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								
	OR	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
DIPHENHYDRAMINE <i>Concentration 50 mg/ml</i> Dose 1 mg/kg Max 25 mg <i>ml to give =</i>	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	
EPINEPHRINE 1:1,000 (Not Cardiac Arrest) <i>Concentration 1 mg/1 ml</i> Dose 0.01 mg/kg IM Max 0.3mg <i>ml to give =</i>	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	
EPINEPHRINE (Cardiac Arrest) <i>Concentration 1 mg/10 ml</i> <i>(0.1mg/1ml)</i> Dose 0.01 mg/kg IV/IO Max 1 mg <i>ml to give =</i>	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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GLUCAGON <i>Concentration 1 mg/1 ml</i> Dose < 20 Kg give 0.5 mg >20 Kg give 1mg <i>ml to give =</i>	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		
MIDAZOLAM <i>Concentration 5 mg/1 ml</i> Dose 0.1 mg/kg IM/IV/IO Max 2 mg <i>ml to give =</i>	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 mg	2 mg	2 mg
	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 - 0.4 ml	0.4 ml	0.4 ml
MIDAZOLAM <i>Concentration 5 mg/1 ml</i> Dose 0.2 mg/kg Intranasal Max 2 mg (1/2 in each nare) <i>ml to give =</i>	0.6 - 1 mg	1.2 - 1.4 mg	1.6 - 1.8 mg	2 mg	2 mg	2 mg	2 mg	2 mg	2 mg
	0.12 - 0.2ml	0.24 - 0.28 ml	0.32 - 0.36ml	0.4 ml	0.4 ml	0.4 ml	0.4 ml	0.4 ml	0.4 ml
MORPHINE <i>Concentration 10 mg/10 ml</i> Dose < 6 mos: 0.05 mg/kg IM / IV / IO Max 4 mg <i>ml to give =</i>	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	*****	*****	*****	*****	*****	*****
MORPHINE <i>Concentration 10 mg/10 ml</i> Dose > 6 mos: 0.1 mg/kg IM/IV/IO <i>ml to give =</i>	*****	*****	*****	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
ONDANSETRON <i>Concentration 4 mg/2 ml</i> Dose 0.1 mg/kg <i>ml to give =</i>	*****	*****	*****	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

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PRALIDOXIME CHLORIDE (2-PAM) <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: <i>ml to give =</i>	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"> Decreased bronchospasm and respiratory secretions = getting better. No change or increased bronchospasm and respiratory secretions = needs more 2-PAM 								
	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
SODIUM THIOSULFATE <i>Concentration 25% in 50ml (250 mg/ml)</i> Dose 412.5 mg/kg (1.65ml/kg) Max dose: 12.5 gm <i>ml to give =</i> (available in CHEMPACK disaster cache)	1.2 - 2.1 gm	2.5 - 2.9 gm	3.3 - 3.7 gm	4.1 - 4.5 gm	5 - 5.8 gm	6.2 - 7.4 gm	7.8 - 9.1 gm	9.9 - 11.6 gm	12.4 - 1gm
	5.0 - 8.3 ml	9.9 - 11.6 ml	13.2 - 14.9 ml	16.5 - 18.2 ml	19.8 - 23.1 ml	24.8 - 29.7 ml	31.4 - 36.3 ml	39.6 - 46.2 ml	50 ml