



April 2022		MARIN COUNTY EMS PEDIATRIC DOSING GUIDE								PTG 2A	
		Gray	Pink	Red	Purple	Yellow	White	Blue	Orange	Green	
WEIGHT		kg	3 - 5	6 - 7	8 - 9	10 - 11	12 - 14	15 - 18	19 - 23	24 - 29	30 - 36
		lbs	6 - 11	13 - 15	18 - 20	22 - 24	27 - 31	33 - 40	42 - 51	53 - 64	66 - 80
<b>FENTANYL</b> (Pain) 1mcg/kg slow IV/IO/IM/IN MR q5 min For IN split dose evenly per nostril Max dose: 3mcg/kg		4mcg	6.5mcg	8.5mcg	10.5mcg	13mcg	16.5mcg	21mcg	26.5mcg	33mcg	
Concentration: 100mcg/2ml (50mcg/ml)		0.08ml	0.13ml	0.17ml	0.21ml	0.26ml	0.33ml	0.42ml	0.53ml	0.66ml	
<b>GLUCAGON</b> (Hypoglycemia/Beta blocker OD) 0.03mg/kg IM MR x2 q15 min if no IV established Max dose: 1mg		0.12mg	0.2mg	0.25mg	0.3mg	0.4mg	0.5mg	0.6mg	0.8mg	1mg	
Concentration: 1mg/1ml		0.12ml	0.2ml	0.25ml	0.3ml	0.4ml	0.5ml	0.6ml	0.8ml	1ml	
<b>IPRATROPIUM</b> - Atrovent Unit dose vial via nebulizer		500mcg	500mcg	500mcg	500mcg	500mcg	500mcg	500mcg	500mcg	500mcg	
Concentration: 500mcg/2.5ml		2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	2.5ml	
<b>LIDOCAINE 2%</b> preservative free- (IO Insertion) 0.5mg/kg slow IO MR x1 at half initial dose (0.25mg/kg) Max dose: 40mg		1st	2mg	3mg	4mg	5mg	6mg	8mg	10mg	13mg	17mg
			0.1ml	0.2ml	0.2ml	0.3ml	0.3ml	0.4ml	0.5ml	0.7ml	0.8ml
		2nd	1mg	2mg	2mg	3mg	3mg	4mg	5mg	6mg	8mg
Concentration: 20mg/ml			0.05ml	0.1ml	0.1ml	0.2ml	0.2ml	0.2ml	0.3ml	0.4ml	0.4ml
<b>MIDAZOLAM</b> -Versed (Seizure) IM: 0.2mg/kg MR x1 in 10 min if still seizing Max single dose: 5mg		0.8mg	1.3mg	1.7mg	2.1mg	2.6mg	3.3mg	4.2mg	5mg	5mg	
Concentration: 5 mg/ml		0.16ml	0.3ml	0.3ml	0.4ml	0.5ml	0.7ml	0.8ml	1ml	1ml	
<b>MIDAZOLAM</b> - Versed (Seizure) IN: 0.2mg/kg Split dose equally per nostril Max dose: 5mg		0.8mg	1.3mg	1.7mg	2.1mg	2.6mg	3.3mg	4.2mg	5mg	5mg	
Concentration: 5 mg/ml		0.16ml	0.3ml	0.3ml	0.4ml	0.5ml	0.7ml	0.8ml	1ml	1ml	
<b>MIDAZOLAM</b> - Versed (Seizure) slow IV/IO: 0.05mg/kg MR x2 q15 min Total max dose: 5mg		0.2mg	0.3mg	0.4mg	0.5mg	0.7mg	0.8mg	1mg	1.3mg	1.7mg	
Concentration: 2mg/2ml (1mg/ml)		0.2ml	0.3ml	0.4ml	0.5ml	0.7ml	0.8ml	1ml	1.3ml	1.7ml	
<b>MIDAZOLAM</b> - Versed (Cardioversion) slow IV/IO: 0.05mg/kg Max dose: 1mg		0.2mg	0.3mg	0.4mg	0.5mg	0.7mg	0.8mg	1mg	1mg	1mg	
Concentration: 2mg/2ml (1mg/ml)		0.2ml	0.3ml	0.4ml	0.5ml	0.7ml	0.8ml	1ml	1ml	1ml	
<b>MORPHINE</b> (Pain/Burns) 0.1mg/kg IV/IO/IM MR x2 q15 min (IV/IO) MR in 30 min (IM)		0.4mg	0.7mg	0.9mg	1mg	1.3mg	1.7mg	2.1mg	2.6mg	3.3mg	
Concentration: 10 mg/1 ml		0.04ml	0.1ml	0.1ml	0.1ml	0.1ml	0.2ml	0.2ml	0.3ml	0.3ml	
<b>NALOXONE</b> - Narcan 0.1 mg/kg IV/IO/IM/IN MR q5 min For IN split dose evenly per nostril		0.4mg	0.7mg	0.9mg	1mg	1.3mg	1.7mg	2mg	2mg	2mg	
Concentration: 2mg/2 ml (1mg/ml)		0.4ml	0.7ml	0.9ml	1ml	1.3ml	1.7ml	2ml	2ml	2ml	
<b>ONDANSETRON</b> - Zofran						2mg	2mg	4mg	4mg	4mg	
Concentration: 4mg ODT, 4mg/2ml (2mg/ml)						1ml/1/2 tab	1ml/1/2 tab	2ml/1 tab	2ml/1 tab	2ml/1 tab	
<b>SODIUM BICARBONATE</b> 1mEq/kg IV/IO		4mEq	6.5mEq	8.5mEq	10mEq	13mEq	17mEq	21mEq	26mEq	33mEq	
Concentration: 1mEq/ml		4ml	6.5ml	8.5ml	10ml	13ml	17ml	21ml	26ml	33ml	