

April 2025		MARIN COUNTY EMS PEDIATRIC DOSING GUIDE (PAGE 2)							PTG 2A	
		Grey	Pink	Red	Purple	Yellow	White	Blue	Orange	Green
WEIGHT	kg	3 - 5	6 - 7	8 - 9	10 - 11	12 - 14	15 - 18	19 - 22	24 - 28	30 - 36
	lbs	6 - 11	13 - 15	18 - 20	22 - 24	27 - 31	33 - 40	42 - 51	53 - 64	66 - 80
FENTANYL (Pain) 1 mcg/kg slow IV/IO/IM/IN MR q 5 min. For IN split dose per nostril Max dose 3 mcg/kg <i>Concentration: 100 mcg/2 ml (50 mcg/ml)</i>		4 mcg	6.5 mcg	8.5 mcg	10.5 mcg	13.5 mcg	16.5 mcg	21 mcg	26.5 mcg	33 mcg
		0.08 ml	0.13 ml	0.17 ml	0.21 ml	0.27 ml	0.33 ml	0.42 ml	0.53 ml	0.66 ml
GLUCAGON (hypoglycemia/Beta blocker OD) 0.03 mg/kg IM MR x 2 q 15 min if no IV established Max dose 1 mg <i>Concentration: 1 mg/1 ml</i>		0.12 mg	0.2 mg	0.3 mg	0.3 mg	0.4 mg	0.5 mg	0.6 mg	0.8 mg	1 mg
		0.12 ml	0.2 ml	0.3 ml	0.3 ml	0.4 ml	0.5 ml	0.6 ml	0.8 ml	1 ml
IPRATROPIUM Atrovent 500 mcg per unit dose (2.5 ml)		500 mcg / 2.5 ml								
LIDOCAINE 2% (IO Insertion) 0.5 mg/kg slow IO MR x 1 at ½ initial dose (0.25mg/kg) Max dose 40 mg <i>Concentration: 20 mg/1 ml</i>	1st	2.0 mg	3 mg	4 mg	5 mg	6 mg	8 mg	10 mg	13 mg	17 mg
		0.1 ml	0.2 ml	0.2 ml	0.3 ml	0.3 ml	0.4 ml	0.5 ml	0.7 ml	0.8 ml
	2nd	1.0 mg	2 mg	2 mg	3 mg	3 mg	4 mg	5 mg	6 mg	8 mg
		0.05 ml	0.1 ml	0.1 ml	0.2 ml	0.2 ml	0.2 ml	0.3 ml	0.4 ml	0.4 ml
MIDAZOLAM Versed (Seizure) slow IV/IO: 0.05mg/kg MR x 2 q15 min Total max dose 5mg <i>Concentration: 2 mg/ 2ml (1 mg/ml)</i>		0.2 mg	0.3 mg	0.4 mg	0.5 mg	0.7 mg	0.8 mg	1 mg	1 mg	1 mg
		0.2 ml	0.3 ml	0.4 ml	0.5 ml	0.7 ml	0.8 ml	1 ml	1 ml	1 ml
MIDAZOLAM Versed (Seizure) IN: 0.2 mg/kg Split dose equally per nostril Max dose 5 mg <i>Concentration: 5 mg/ml</i>		0.8 mg	1.3 mg	1.7 mg	2.1 mg	2.6 mg	3.3 mg	4.2 mg	5 mg	5 mg
		0.16 ml	0.3 ml	0.3 ml	0.4 ml	0.5 ml	0.7 ml	0.8 ml	1 ml	1 ml
MIDAZOLAM Versed (Seizure) IM: 0.2 mg/kg MR x 1 in 10 minutes Max single dose 5 mg <i>Concentration: 5 mg/ml</i>		0.8 mg	1.3 mg	1.7 mg	2.1 mg	2.6 mg	3.3 mg	4.2 mg	5 mg	5 mg
		0.16 ml	0.3 ml	0.3 ml	0.4 ml	0.5 ml	0.7 ml	0.8 ml	1 ml	1 ml
MIDAZOLAM Versed (Cardioversion) slow IV/IO: 0.05 mg/kg Max dose: 1 mg <i>Concentration: 2 mg/ 2ml (1 mg/ml)</i>		0.2 mg	0.3 mg	0.4 mg	0.5 mg	0.7 mg	0.8 mg	1 mg	1 mg	1 mg
		0.2 ml	0.3 ml	0.4 ml	0.5 ml	0.7 ml	0.8 ml	1 ml	1 ml	1 ml
MORPHINE (Pain/Burns) 0.1 mg/kg IV/IO/IM MR x 2 q 15 minutes (IV/IO) MR in 30 minutes (IM) <i>Concentration: 10 mg/1 ml</i>		0.4 mg	0.7 mg	0.9 mg	1 mg	1.3 mg	1.7 mg	2.1 mg	2.6 mg	3.3 mg
		0.04 ml	0.1 ml	0.1 ml	0.1 ml	0.1 ml	0.2 ml	0.2 ml	0.3 ml	0.3 ml
NALOXONE Narcan 0.1 mg/kg IV/IO/IM/IN MR q 5 min For IN, split dose evenly per nostril <i>Concentration: 2 mg/2 ml</i>		0.4 mg	0.7 mg	0.9 mg	1 mg	1.3 mg	1.7 mg	2 mg	2 mg	2 mg
		0.4 ml	0.7 ml	0.9 ml	1 ml	1.3 ml	1.7 ml	2 ml	2 ml	2 ml
ONDANSETRON Zofran <i>Concentration: 4 mg tab ODT, 4 mg/2 ml IV</i>		Age 2 - 3 years: Give 2 mg ODT or slow IVP Age 4 and up: Give 4 mg ODT or slow IVP								
SODIUM BICARBONATE 1 mEq/kg IV/IO <i>Concentration: 1 mEq/ml</i>		4 mEq	6.5 mEq	8.5 mEq	10 mEq	13 mEq	17 mEq	21 mEq	26 mEq	33 mEq
		4 ml	6.5 ml	8.5 ml	10 ml	13 ml	17 ml	21 ml	26 ml	33 ml