

| April 2023 | | MARIN COUNTY EMS PEDIATRIC DOSING GUIDE | | | | | | | | | PTG 2A |
|--|--|---|--------|---------|---------|---------|-------------|-------------|-----------|-----------|-----------|
| WEIGHT | | kg | Gray | Pink | Red | Purple | Yellow | White | Blue | Orange | Green |
| | | lbs | 3 - 5 | 6 - 7 | 8 - 9 | 10 - 11 | 12 - 14 | 15 - 18 | 19 - 23 | 24 - 29 | 30 - 36 |
| | | | 6 - 11 | 13 - 15 | 18 - 20 | 22 - 24 | 27 - 31 | 33 - 40 | 42 - 51 | 53 - 64 | 66 - 80 |
| FENTANYL (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 |
| GLUCAGON (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 |
| IPRATROPIUM - 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 |
| LIDOCAINE 2% 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 |
| Concentration: 20mg/ml | | | 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 |
| | | | 0.05ml | 0.1ml | 0.1ml | 0.2ml | 0.2ml | 0.2ml | 0.3ml | 0.4ml | 0.4ml |
| MIDAZOLAM -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 |
| MIDAZOLAM - 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 |
| MIDAZOLAM - 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 | 1mg | 1mg |
| Concentration: 2mg/2ml (1mg/ml) | | | 0.2ml | 0.3ml | 0.4ml | 0.5ml | 0.7ml | 0.8ml | 1ml | 1ml | 1ml |
| MIDAZOLAM - 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 |
| MORPHINE (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 |
| NALOXONE - 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 |
| ONDANSETRON - 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 |
| SODIUM BICARBONATE 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 |