

# PEDIATRIC MEDICATIONS

DRUG	CONCENTRATION	STANDARD DOSE
Adenosine	6mg/2ml	0.1mg/kg rapid IV/IO push, followed by 5ml NS flush <i>Max first dose:</i> 6mg <i>Repeat:</i> x1 (double the dose); <i>Max dose:</i> 12mg
Albuterol	2.5mg/3ml NS	2.5mg/3ml NS
Amiodarone	150mg/3ml	<u>Pulseless Arrest:</u> 5mg/kg IV/IO, followed by or diluted in 20-30ml NS <i>Max single dose:</i> 300mg <u>Tachycardia with poor perfusion:</u> 5mg/kg IV/IO over 20-60 min
Atropine	1mg/10ml	<u>Bradycardia:</u> 0.02mg/kg IV/IO Minimum dose 0.1mg, <i>Single max dose:</i> 0.5mg <i>Repeat:</i> x1 <u>Organophosphate Poisoning:</u> 0.05mg/kg IV/IO <i>Repeat:</i> q5-10 min <i>Max dose:</i> 4mg or until relief of symptoms
Dextrose 10%	D10%	<u>ALOC (Neonate):</u> 2ml/kg IV/IO <u>ALOC (&gt;Neonate):</u> 5ml/kg IV/IO
Diphenhydramine (Benadryl)	50mg/ml or 50mg/10ml	1mg/kg IV/IO/IM <i>IV/IO max dose:</i> 25mg/min <i>IM max dose:</i> 50mg
Epinephrine	1mg/ml EpiPen Jr ® 0.15mg	<u>Allergic Reaction:</u> 0.01mg/kg IM (0.01mg/kg) <i>Max dose:</i> 0.6mg (0.6ml) EpiPen Jr ®: repeat as needed in 5 min <u>Upper Airway/Stridor:</u> 5mg in 5ml via nebulizer
Epinephrine	1mg/10ml or 0.1mg/ml	0.01mg/kg (0.1ml/kg) IV/IO

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Fentanyl	100mcg/2ml	1mcg/kg slow IV/IO/IN <i>Repeat:</i> q5 min <i>Max dose:</i> 3mcg/kg For IN: divide dose evenly between nostrils
Glucagon	1mg/ml	0.03mg/kg IM <i>Max dose:</i> 1mg
Ipratropium (Atrovent)	500mcg/2.5ml Unit dose	500mcg/2.5ml Unit dose
Lidocaine 2%	20mg/ml	0.5mg/kg slowly <i>Max dose:</i> 40mg <i>Repeat:</i> x1 1/2 of initial bolus
Midazolam (Versed)	2mg/ml IN: 5mg/ml	<u>Cardioversion:</u> 0.05mg/kg slow IV/IO <i>Max dose:</i> 1mg <u>Seizure:</u> IV/IO: 0.05mg/kg <i>Repeat:</i> x2 q15 min <i>Max per dose:</i> 1mg IM: 0.1mg/kg <i>Repeat:</i> x1 in 10 min is still seizing IN: 0.2mg/kg <i>Max dose:</i> 5mg
Morphine	10mg/10ml 10mg/ml	<u>Pain Management:</u> 0.1mg/kg (0.1ml/kg) slow IV/IO/IM <i>Repeat:</i> x1 in 15 min if IV/IO, 30 min if IM <u>Burns:</u> 0.1mg/kg IV/IO/IM in incremental doses up to <i>max dose:</i> 0.3mg/kg
Naloxone (Narcan)	2mg/2ml	0.1mg/kg (0.25ml/kg) IV/IO/IM
Ondansetron (Zofran)	4mg	<u>Patients ≥4 years:</u> 4mg ODT or slow IV over 30 seconds <u>Patients 2-4 years:</u> 2mg ODT or slow IV over 30 seconds
Sodium Bicarbonate	50mEq/50ml	1mEq/kg IV/IO