

PEDIATRIC MEDICATIONS

DRUG	CONCENTRATION	STANDARD DOSE
Adenosine	6mg/2ml (3mg/ml)	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 (0.2mg/kg) <i>Max second dose:</i> 12mg
Albuterol	2.5mg/3ml NS	2.5mg/3ml NS <i>Repeat:</i> x1
Amiodarone	150mg/3ml (50mg/ml)	<u>Pulseless Arrest:</u> 5mg/kg IV/IO, followed by or diluted in 20ml NS after 3rd shock <i>Max dose:</i> 300mg <u>Tachycardia with poor perfusion:</u> 5mg/kg IV/IO over 20-60 min
Atropine	<u>Preload:</u> 1mg/10ml (0.1mg/ml) <u>Vial:</u> 0.4mg/ml	<u>Bradycardia:</u> 0.02mg/kg IV/IO Minimum dose 0.1mg <i>Max single dose:</i> 0.5mg <i>Repeat:</i> x1 in 3-5 min <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>3-7kg:</u> 2ml/kg IV/IO <u>≥8kg:</u> 5ml/kg IV/IO <i>Max dose:</i> 125ml
Diphenhydramine (Benadryl)	50mg/ml	1mg/kg IV/IO/IM <i>Max dose:</i> 50mg
Epinephrine	1mg/10ml (0.1mg/ml)	<u>Cardiac Arrest:</u> 0.01mg/kg (0.1ml/kg) IV/IO <i>Repeat:</i> q3-5 min
Epinephrine	1mg/ml EpiPen Jr ® 0.15mg	<u>Allergic Reaction:</u> 0.01mg/kg IM <i>Repeat:</i> x1 in 5 min <i>Max dose:</i> 0.6mg EpiPen Jr ®: repeat as needed in 5 min <u>Upper Airway/Stridor:</u> 5mg in 5ml via nebulizer
Fentanyl	100mcg/2ml (50mcg/ml)	1mcg/kg slow IV/IO/IM/IN <i>Repeat:</i> q5 min <i>Max dose:</i> 3mcg/kg For IN: divide dose evenly between nostrils

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Glucagon	1mg/ml	0.03mg/kg IM <i>Repeat:</i> x2 q15 min if no IV established <i>Max dose:</i> 1mg
Ipratropium (Atrovent)	500mcg/2.5ml Unit dose	500mcg/2.5ml Unit dose
Lidocaine 2% (preservative free)	20mg/ml	0.5mg/kg slowly <i>Repeat:</i> x1 at half initial dose (0.25mg/kg) <i>Max dose:</i> 40mg
Midazolam (Versed)	2mg/2ml (1mg/ml) 5mg/ml	<u>Cardioversion:</u> 0.05mg/kg slow IV/IO <i>Max dose:</i> 1mg <u>Seizure:</u> IV/IO: 0.05mg/kg slowly <i>Repeat:</i> x2 q15 min <i>Max single dose:</i> 1mg <i>Total max dose:</i> 5mg IM: 0.2mg/kg <i>Repeat:</i> x1 in 10 min if still seizing IN: 0.2mg/kg <i>Max dose:</i> 5mg For IN: divide dose evenly between nostrils
Morphine	10mg/10ml (1mg/ml) 10mg/ml	<u>Pain Management:</u> 0.1mg/kg slow IV/IO/IM <i>Repeat:</i> x2 in 15 min (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/IN <i>Repeat:</i> q5 min For IN: divide dose evenly between nostrils
Ondansetron (Zofran)	4mg ODT 4mg/2ml (2mg/ml)	<u>Patients 12-18kg:</u> 2mg ODT (1/2 tab) or slow IV over 30 seconds <i>Repeat:</i> x1 in 10 min <u>Patients >18kg:</u> 4mg ODT (1 tab) or slow IV over 30 seconds <i>Repeat:</i> x1 in 10 min
Sodium Bicarbonate	50mEq/50ml	1mEq/kg IV/IO