

# PEDIATRIC DOSING GUIDE

## YELLOW: 12-14kg/27-31lbs

### Normal Vital Signs

HR asleep	HR awake	Respiratory Rate	Systolic BP	Diastolic BP	MAP
80-120	98-140	22-37	86-106	42-63	49-62

NS Fluid Bolus: 20ml/kg	260ml	DEFIBRILLATION: 2, 4J/kg	1st: 26J	2nd: 52J
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Blade for Foreign Body Removal	2	CARDIOVERSION: 1, 2J/kg	1st: 13J	2nd: 26J
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Medication	Concentration	Dose	Dose in mg	Dose in ml	Details
<b>ADENOSINE</b>	6mg/2ml (3mg/ml)	0.1mg/kg RIVP Max 1st dose: 6mg Max 2nd dose: 12mg	1st: 1.3mg 2nd: 2.6mg	1st: 0.4ml 2nd: 0.9ml	RIVP w/ 10ml NS flush MR x1 double the dose
<b>ALBUTEROL</b>	2.5mg/3ml	2.5mg/3ml HHN	2.5mg	3ml	MR x1
<b>AMIODARONE</b> (Pulseless arrest)	150mg/3ml (50mg/ml)	5mg/kg IV/IO Max single dose: 300mg	65mg	1.3ml	Follow with or dilute in 20ml NS flush Give after 3rd shock
<b>ATROPINE</b> (Bradycardia)	1mg/10ml (0.1mg/ml)	0.02mg/kg IV/IO Min dose: 0.1mg Max single dose: 0.5mg	0.3mg	3ml	MR x1 in 3-5 min
<b>ATROPINE</b> (Organophosphate poisoning)	Preload: 1mg/10ml (0.1mg/ml) Vial: 0.4mg/ml	0.05mg/kg IV/IO	0.7mg	Preload: 7ml Vial: 1.6ml	MR q5-10 min until symptoms resolve
<b>DEXTROSE</b>	10%	5ml/kg IV/IO Max dose: 125ml		65ml	Give over 10 min
<b>DIPHENHYDRAMINE</b> <i>Benadryl</i>	50mg/ml	1mg/kg IM/IV/IO Max dose: 50mg	13mg	0.3ml	
<b>EPINEPHRINE</b> (Cardiac arrest/ Bradycardia)	1mg/10ml (0.1mg/ml)	0.01mg/kg IV/IO	0.13mg	1.3ml	MR q3-5 min
<b>EPINEPHRINE</b> (Allergic reaction/ Asthma)	1mg/ml	0.01mg/kg IM Total max dose: 0.6mg	0.13mg	0.13ml	MR x1 in 5 min
<b>EPINEPHRINE</b> (Upper airway/Stridor)	1mg/ml	5mg HHN	5mg	5ml	

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Medication	Concentration	Dose	Dose in mg	Dose in ml	Details
<b>FENTANYL</b> (Pain)	50mcg/ml	1mcg/kg IV/IO/IM/IN Max dose: 3mcg/kg	13.5mcg	0.27ml	MR q5 min For IN: split dose equally in each nostril
<b>GLUCAGON</b> (Hypoglycemia/Beta blocker OD)	1mg/ml	0.03mg/kg IM Max dose: 1mg	0.4mg	0.4ml	MR x2 q15 min if no IV established
<b>IPRATROPIUM</b> <i>Atrovent</i>	500mcg/2.5ml	500mcg/2.5ml HHN	500mcg	2.5ml	
<b>LIDOCAINE 2%</b> preservative free (IO insertion)	20mg/ml	0.5mg/kg slow IO Max dose: 40mg	<u>1st:</u> 6mg <u>2nd:</u> 3mg	<u>1st:</u> 0.3ml <u>2nd:</u> 0.2ml	MR x1 half initial dose (0.25mg/kg)
<b>MIDAZOLAM</b> <i>Versed</i> (Seizure)	5mg/ml	0.2mg/kg IM Max single dose 5mg	2.6mg	0.5ml	MR x1 in 10 min
<b>MIDAZOLAM</b> <i>Versed</i> (Seizure)	5mg/ml	0.2mg/kg IN Max dose 5mg	2.6mg	0.5ml	Split dose equally in each nostril
<b>MIDAZOLAM</b> <i>Versed</i> (Seizure)	2mg/2ml (1mg/ml)	0.05mg/kg slow IV/IO Total max dose: 5mg	0.7mg	0.7ml	MR x2 q15 min
<b>MIDAZOLAM</b> <i>Versed</i> (Cardioversion)	2mg/2ml (1mg/ml)	0.05mg/kg slow IV/IO Max dose: 1mg	0.7mg	0.7ml	
<b>MORPHINE</b> (Pain/burns)	10mg/ml	0.1mg/kg IV/IO/IM	1.3mg	0.1ml	MR x2 q15 min (IV/IO) MR in 30min (IM)
<b>NALOXONE</b> <i>Narcan</i>	2mg/2ml (1mg/ml)	0.1mg/kg IV/IO/IM/IN	1.3mg	1.3ml	MR q5 min For IN: split dose equally in each nostril
<b>ONDANSETRON</b> <i>Zofran</i>	4mg tab 4mg/2ml	2mg ODT/slow IV	2mg	1ml 1/2 tab	Slow IV over 30 sec
<b>SODIUM BICARBONATE</b>	1mEq/ml	1mEq/kg IV/IO	13mEq	13ml	