

# PEDIATRIC DOSING GUIDE

## GREEN: 30-36kg/66-80lbs

### Normal Vital Signs

HR asleep	HR awake	Respiratory Rate	Systolic BP	Diastolic BP	MAP
58-90	75-118	18-25	97-115	57-76	66-72

NS Fluid Bolus: 10ml/kg 660ml	i-gel Airway 2.5	Blade for foreign body removal 3
----------------------------------	---------------------	-------------------------------------

DEFIBRILLATION: 2, 4J/kg	1st: 66J	2nd: 130J	CARDIOVERSION: 1, 2J/kg	1st: 33J	2nd: 66J
--------------------------	----------	-----------	-------------------------	----------	----------

Medication	Concentration	Dose	Dose in mg	Dose in ml	Details
ACETAMINOPHEN	160mg/5ml (32mg/ml)	15mg/kg PO <b>Max dose: 540mg</b>	503mg	15ml	
ADENOSINE	6mg/2ml (3mg/ml)	0.1mg/kg RIVP <b>Max 1st dose: 6mg</b> <b>Max 2nd dose: 12mg</b>	1st: 3.3mg  2nd: 6.6mg	1st: 1.1ml  2nd: 2.2ml	RIVP w/ 10ml NS flush MR x1 double the dose (0.2mg/kg)
ALBUTEROL	2.5mg/3ml	2.5mg/3ml HHN	2.5mg	3ml	MR x1
AMIODARONE (Pulseless arrest)	150mg/3ml (50mg/ml)	5mg/kg IV/IO <b>Max single dose: 300mg</b>	165mg	3.3ml	20ml NS flush MR x2 refractory rhythm
ATROPINE (Bradycardia)	1mg/10ml (0.1mg/ml)	0.02mg/kg IV/IO <b>Min dose: 0.1mg</b> <b>Max single dose: 0.5mg</b>	0.5mg	5ml	MR x1 in 3-5 min
ATROPINE (Organophosphate poisoning)	<u>Preload:</u> 1mg/10ml (0.1mg/ml) <u>Vial:</u> 0.4mg/ml	0.05mg/kg IV/IO	1.7mg	<u>Preload:</u> 17ml <u>Vial:</u> 4.1ml	MR q5-10 min until symptoms resolve
DEXTROSE	10%	5ml/kg IV/IO <b>Max dose: 125ml</b>		125ml	Give over 10 min
DIPHENHYDRAMINE <i>Benadryl</i>	50mg/ml	1mg/kg IM/IV/IO <b>Max dose: 50mg</b>	33mg	0.7ml	
EPINEPHRINE (Cardiac arrest/ Bradycardia)	1mg/10ml (0.1mg/ml)	0.01mg/kg IV/IO	0.33mg	3ml	MR q3-5 min
EPINEPHRINE (Allergic reaction/ Asthma)	1mg/ml	0.01mg/kg IM <b>Total max dose: 0.6mg</b>	0.3mg	0.3ml	MR x1 in 5 min
EPINEPHRINE (Upper airway/Stridor)	1mg/ml	5mg HHN	5mg	5ml	

# GREEN: 30-36kg/66-80lbs

Medication	Concentration	Dose	Dose in mg	Dose in ml	Details
FENTANYL (Pain)	50mcg/ml	1mcg/kg IV/IO/IM/IN Max dose: 3mcg/kg	33mcg	0.66ml	MR q5 min For IN: split dose equally in each nostril
GLUCAGON (Hypoglycemia/Beta blocker OD)	1mg/ml	0.03mg/kg IM Max dose: 1mg	1mg	1ml	MR x2 q15 min if no IV established
IPRATROPIUM <i>Atrovent</i>	500mcg/2.5ml	500mcg/2.5ml HHN	500mcg	2.5ml	
LIDOCAINE 2% preservative free (IO insertion)	20mg/ml	0.5mg/kg slow IO Max dose: 40mg	1st: 17mg 2nd: 8mg	1st: 0.8ml 2nd: 0.4ml	MR x1 half initial dose (0.25mg/kg)
MIDAZOLAM <i>Versed</i> (Seizure)	5mg/ml	0.2mg/kg IM Max single dose 5mg	5mg	1ml	MR x1 in 10 min
MIDAZOLAM <i>Versed</i> (Seizure)	5mg/ml	0.2mg/kg IN Max dose 5mg	5mg	1ml	Split dose equally in each nostril
MIDAZOLAM <i>Versed</i> (Seizure)	2mg/2ml (1mg/ml)	0.05mg/kg slow IV/IO Total max dose: 5mg	1mg	1ml	MR x2 q15 min
MIDAZOLAM <i>Versed</i> (Cardioversion)	2mg/2ml (1mg/ml)	0.05mg/kg slow IV/IO Max dose: 1mg	1mg	1ml	
MORPHINE (Pain/burns)	10mg/ml	0.1mg/kg IV/IO/IM	3.3mg	0.3ml	MR x2 q15 min (IV/IO) MR in 30min (IM)
NALOXONE <i>Narcan</i>	2mg/2ml (1mg/ml)	0.1mg/kg IV/IO/IM/IN Max dose: 2mg	2mg	2ml	MR q5 min For IN: split dose equally in each nostril
ONDANSETRON <i>Zofran</i>	4mg tab 4mg/2ml	4mg ODT/slow IV	4mg	2ml 1 tab	Slow IV over 30 sec
SODIUM BICARBONATE	1mEq/ml	1mEq/kg IV/IO	33mEq	33ml	