



2023

STMCA Pediatric Dosing Chart (all doses in ml)		Patient weight in Pounds			10	20	30	40	50	60	70	80	90	100
		Patient weight in Kilograms			5	9	14	18	23	27	32	36	41	46
Medication	Concentration	Rx	Dosage	Route	Amount in milliliters									
acetaminophen (Tylenol)	160 mg/5 ml	Fever	15 mg/kg	PO	2	4	7	8	11	13	15	17	19	20
adenosine	6 mg/2 ml	Tachycardia	0.1 mg/kg	IV/IO	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
			Repeat 0.2 mg/kg	IV/IO	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1
amiodarone	150 mg/3 ml	VF/Pulseless VT	5 mg/kg (max 300 mg)	IV/IO	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.6
Atropine	1mg/10ml	Bradycardia	0.02mg/kg	IV/IO	1	1.8	2.8	3.6	4.6	5.4	6.4	7.2	8.2	9.2
Cefazolin (Ancef)	2 g/20ml	Open Fx/soft tissue injury	30mg/Kg	IV/IO	1.5	2.7	4.2	5.4	6.9	8.1	9.6	10.8	12.3	13.8
dextrose 10%	1 GM/10 ml	Hypoglycemia	1g/kg	IV	50	90	140	180	230	250	250	250	250	250
diphenhydramine (Benadryl)	50 mg/1 ml	Anaphylaxis	1 mg/kg	IV/IM	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
epinephrine 1:1,000	1 mg/1 ml	Anaphylaxis/ Bronchospasm	0.1 mg/kg	IM		0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
epinephrine 1:10,000	1 mg/10 ml	Cardiac Arrest	0.01 mg/kg	IV/IO	0.5	1	1.5	2	2	3	3	4	4	5
epinephrine Push Dose	10 mcg/ml (Prepared)	Hypotension	1 mcg/kg	IV/IO	0.5	1	1	1	1	1	1	1	1	1

Preparing Push Dose Epinephrine

1. Draw 1 ml of 1:10,000 epinephrine (from a pre-filled syringe) into a 10 ml syringe.
 2. Draw 9 ml of normal saline into the same syringe.
 3. Resulting concentration is 10 mcg/ml administered every 3-5 minutes titrated to effect.
- *** Low Starting Dose. Contact Medical Control for further orders. ***

Verapamil is an Adult Medication ONLY



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		Patient weight in Kilograms			5	9	14	18	23	27	32	36	41	46
Medication	Concentration	Rx	Dosage	Route	Amount in milliliters									
glucagon	1mg/1 ml	Hypoglycemia	0.03 mg/kg	IV/IM	0.1	0.3	0.4	0.5	0.7	0.8	1	1	1	1
lidocaine	100mg/5ml	VF/Pulseless VT	1mg/Kg	IV/IO	0.25	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
			Repeat 0.5mg/kg	IV/IO	0.13	0.25	0.35	0.45	0.6	0.7	0.8	0.9	1.2	1.7
methylprednisolone (Solu-Medrol)	125 mg/2 ml	Anaphylaxis/ Bronchospasm	2 mg/kg	IV/IO	0.2	0.3	0.4	0.6	0.7	0.9	1	1.2	1.3	1.5
Ondansetron (Zofran)	4 mg/2 ml	Nausea/ Vomiting	0.1 mg/kg	IV	0.3	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2	2
Narcotics														
diazepam (Valium)	10 mg/2 ml	Seizure	0.2 mg/kg	IV	0.2	0.4	0.6	0.7	0.9	1	1.3	1.4	1.6	1.8
fentanyl	100 mcg/2 ml	Pain	1 mcg/kg	IV/IM/IO	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
			2 mcg/kg	IN	0.2	0.3	0.5	0.7	0.9	1	1.3	1.4	1.6	1.8
ketamine	500 mg/10 ml	Pain/ Sedation	0.2 mg/kg	IV					0.1	0.1	0.1	0.1	0.2	0.2
			0.5 mg/kg	IN		0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
		Severe Agitation	4 mg/kg	IM/IN	0.4	0.7	1.1	1.4	1.8	2.2	2.6	2.9	3.3	3.7
midazolam (Versed)	5 mg/1 ml	Seizure	0.1 mg/kg	IM	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
			0.05 mg/kg	IV/IO/IN	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
		Sedation	0.05 mg/kg	IV/IO	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
morphine	10 mg/1 ml	Pain	0.1 mg/kg	IV/IO	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5