SVMCA Pediatric Dosing Chart (all dosages in milliliters)					PATIENT WEIGHT									
					10 lbs	20 lbs	30 lbs	40 lbs	50 lbs	60 lbs	70 lbs	80 lbs	90 lbs	100 lbs
Medication	Supplied	Rx	Dosage	Route	4.5 kg	9.1 kg	13.6 kg	18.2 kg	22.8 kg	27.3 kg	31.8 kg	36.4 kg	40.9 kg	45.5 kg
acetaminophen (Tylenol)	160 mg/ 5 ml	Fever	15 mg/kg	PO	2 ml	4.3 ml	6.4 ml	8.5 ml	10 ml	10 ml	10 ml	10 ml	10 ml	10 ml
adenosine (Adenocard)	6 mg/ 2 ml	Tachycardia	1st: 0.1 mg/kg	IV	0.1 ml	0.3 ml	0.4 ml	0.6 ml	0.7 ml	0.9 ml	1.0 ml	1.2 ml	1.3 ml	1.5 ml
			Repeat: 0.2 mg/kg	IV	0.3 ml	0.6 ml	0.9 ml	1.2 ml	1.5 ml	1.8 ml	2.0 ml	2.0 ml	2.0 ml	2.0 ml
albuterol (Proventil)	2.5 mg/ 3ml	Bronchospasm	2.5 mg	SVN	Pediatric dose is the same as adult. May do blow-by treatments as tolerated by the patient.									
amiodarone (Cordarone)	150 mg/ 3 ml	VF Pulseless VT	5 mg/kg (max 300mg) May repeat twice	IV IO	0.4 ml	0.9 ml	1.3 ml	1.8 ml	2.2 ml	2.7 ml	3.1 ml	3.6 ml	4.0 ml	4.5 ml
		Wide Complex Tach	5 mg/kg over 20-60 minutes	IV IO	0.4 ml	0.9 ml	1.3 ml	1.8 ml	2.2 ml	2.7 ml	3.1 ml	3.6 ml	4.0 ml	4.5 ml
atropine sulfate	1 mg/ 10 ml	Bradycardia	0.02 mg/kg (min 0.1 mg, max 0.5 mg) May repeat once after 5 min.	IV IO	1 ml	1.8 ml	2.7 ml	3.6 ml	4.5 ml	5 ml	5 ml	5 ml	5 ml	5 ml
calcium chloride 10%	1 Gram/ 10 ml	Asystole/PEA Hyperkalemia	20 mg/kg (max 1 gm.)	IV IO	0.9 ml	1.8 ml	2.7 ml	3.6 ml	4.5 ml	5.4 ml	6.3 ml	7.2 ml	8.1 ml	9.1 ml
		Beta Blocker OD												
dextrose 50%	25 Gm/ 50 ml	Hypoglycemia	Under 1 month use D12.5% - 4 ml/kg	IV	18 ml	To make D12.5% discard 37.5 ml from D50 syringe and draw up 37.5 ml of NS and administer.								
			Up to 12 years old use D25% - 2 ml/kg	IV	9 ml	18 ml	28 ml	36 ml	46 ml	To make D25% discard 25 ml from D50 syringe and draw up 25 ml of NS and administer.				
diazepam (Valium)	10 mg/ 2 ml	Seizure	0.1 mg/kg (max 10 mg)	IV IO	0.1 ml	0.1 ml	0.2 ml	0.3 ml	0.4 ml	0.5 ml	0.6 ml	0.7 ml	0.8 ml	0.9 ml
			0.5 mg/kg (max 10 mg)	Rectal	0.4 ml	0.9 ml	1.3 ml	1.8 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml
		Sedation	0.1 mg/kg (max 0.3 mg/kg)	IV IO	0.1 ml	0.1 ml	0.2 ml	0.3 ml	0.4 ml	0.5 ml	0.6 ml	0.7 ml	0.8 ml	0.9 ml
diphenhydramine (Benadryl)	50 mg/ 1 ml	Anaphylaxis/ Allergic React.	1 mg/kg (max 50 mg)	IV IM IO	0.1 ml	0.1 ml	0.2 ml	0.3 ml	0.4 ml	0.5 ml	0.6 ml	0.7 ml	0.8 ml	0.9 ml
		Dystonic Reactions												
epinephrine 1:1,000	30 mg/ 30 ml	Anaphylaxis	0.15 mg (max 0.3 mg)	IM/IV	Use epinephrine 1:10,000 in pediatrics.									
		Bronchospasm	1st dose	IM	0.15 ml	0.15 ml	0.15 ml	0.15 ml	0.15 ml	0.15 ml	0.3 ml	0.3 ml	0.3 ml	0.3 ml
			Repeat: 0.01 mg/kg (max 0.3 mg)	IM	0.04 ml	0.09 ml	0.1 ml	0.1 ml	0.2 ml	0.2 ml	0.3 ml	0.3 ml	0.4 ml	0.4 ml

SVMCA Pediatric Dosing Chart (all dosages in milliliters)					PATIENT WEIGHT									
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Medication	Supplied	Rx	Dosage	Route	4.5 kg	9.1 kg	13.6 kg	18.2 kg	22.8 kg	27.3 kg	31.8 kg	36.4 kg	40.9 kg	45.5 kg
epinephrine 1:10,000	1 mg/ 10 ml	Anaphylaxis	0.15 mg (max 0.3 mg)	IM IV	1.5 ml	1.5 ml	1.5 ml	1.5 ml	1.5 ml	1.5 ml	3 ml	3 ml	3 ml	3 ml
		Asystole/PEA V-fib	0.01 mg/kg (0.1 ml/kg) up to 1 mg repeat 3-5 min.	IV IO	0.4 ml	0.9 ml	1.3 ml	1.8 ml	2.2 ml	2.7 ml	3.1 ml	3.6 ml	4 ml	4.5 ml
		Bradycardia												
fentanyl (Sublimaze)	100 mcg/ 2 ml	Pain Management	1 mcg/kg May repeat once	IV IM/IO	0.1 ml	0.1 ml	0.2 ml	0.3 ml	0.4 ml	0.5 ml	0.6 ml	0.7 ml	0.8 ml	0.9 ml
			2 mcg/kg	IN	0.1 ml	0.3 ml	0.5 ml	0.7 ml	0.9 ml	1 ml	1.2 ml	1.4 ml	1.6 ml	1.8 ml
glucagon (GlucaGen)	1 mg/ 1 ml	Hypoglycemia	1 mg	IM	Pediatric dose is the same as adult.									
ipratropium (Atrovent)	05 mg/ 2.5 ml	Bronchospasm	500 mcg/3 ml	SVN	Pediatric dose is the same as adult. May do blow-by treatments as tolerated by the patient.									
lidocaine	100 mg/ 5 ml	Wide Complex Tach	1 mg/kg	IV	0.2 ml	0.4 ml	0.6 ml	0.9 ml	1.1 ml	1.3 ml	1.5 ml	1.8 ml	2 ml	2.2 ml
methylprednisolone (Solu-Medrol)	125 mg/ 2 ml	Anaphylaxis	2 mg/kg (max 125 mg)	IV IO	0.1 ml	0.2 ml	0.4 ml	0.5 ml	0.7 ml	0.8 ml	1 ml	1.1 ml	1.3 ml	1.4 ml
		Bronchospasm												
midazolam (Versed)	10 mg/ 2 ml	Seizure	0.05 mg/kg (up to 5 mg)	IV	0.04 ml	0.1 ml	0.1 ml	0.1 ml	0.2 ml	0.2 ml	0.3 ml	0.3 ml	0.4 ml	0.4 ml
			0.1 mg (max. 10 mg)	IM	0.1 ml	0.1 ml	0.2 ml	0.3 ml	0.4 ml	0.5 ml	0.6 ml	0.7 ml	0.8 ml	0.9 ml
		Sedation	0.05 mg/kg may repeat once (max 0.1 mg/kg)	IV IO	0.04 ml	0.1 ml	0.1 ml	0.1 ml	0.2 ml	0.2 ml	0.3 ml	0.3 ml	0.4 ml	0.4 ml
morphine sulfate	10 mg/ 1 ml	Pain Management	0.05 mg/kg every 5 min. (max 0.2 mg/kg)	IV/IM IO	0.02 ml	0.04 ml	0.06 ml	0.1 ml	0.1 ml	0.1 ml	0.1 ml	0.1 ml	0.2 ml	0.2 ml
naloxone (Narcan)	2 mg/2 ml	Opiate Overdose	0.1 mg/kg (2 mg max.)	IV IM	0.4 ml	0.9 ml	1.3 ml	1.8 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml
			0.2 mg/kg (2 mg max.)	IN	0.9 ml	1.8 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml
ondansetron (Zofran)	4 mg/ 2 ml	Antiemetic	0.1 mg/kg (2 mg max.)	IV IM	0.2 ml	0.4 ml	0.6 ml	0.9 ml	1 ml	1 ml	1 ml	1 ml	1 ml	1 ml
sodium bicarb 8.4%	50 MEq/ 50 ml	Tricyclic OD	1 mEq/kg	IV IO	4 ml	9 ml	13 ml	18 ml	22 ml	27 ml	31 ml	36 ml	40 ml	45 ml
		Asystole/PEA/ V-fib/V-tach												