

DRUG CONCENTRATION	DOSE	Newborn	3 MO	6 MO	1 YR	2 YR	3-4 YR	5-6 YR	7-8 YR	9-10 YR	11-14 YR
cm Range for age □	□	47-60 cm	60-65 cm	66-74 cm	75-86 cm	83-95 cm	87-99 cm	100-113 cm	114-132 cm	133-158 cm	159-189 cm
Average KG/LB □	□	3-5kg/7-11lb	6 kg/13lb	8 kg/15lb	11kg/24lb	13 kg/29lb	16kg/35lb	20kg/44lb	26kg/57lb	31kg/68lb	40kg/88lb
Normal HR/RR □	□	100-160 30-60	100-160 30-60	100-160 30-60	100-170 30-40	90-150 24-40	80-140 20-30	75-120 20	70-110 16	60-105 16	60-100 16
Cardioversion J (biphasic)	1 J/kg	5 J	6 J	8 J	11 J	13 J	16 J	20 J	26 J	31 J	40 J
Defibrillation J (Biphasic)	4 J/kg	15 J	24J	32 J	44 J	52 J	64 J	80J	100 J	100J	100J
Adenosine IV 3 mg/1mL	0.2 mg/kg	0.2 mL	0.4 mL	0.6 mL	0.7 mL	0.9 mL	1 mL	1.3 mL	1.6 mL	2 mL	2.7 mL
Albuterol 2.5 mg/3mL	via nebulizer at 8L/min flow rate	3.0 mL	3.0 mL	3.0 mL	6.0 mL	6.0 mL	6.0 mL	6.0 mL	6.0 mL	6.0 mL	6.0 mL
Amiodarone IV/IO for VF/ pulseless VT 50 mg/1 mL	5 mg/kg	0.4 mL	0.6 mL	0.8 mL	1.1 mL	1.3 mL	1.6 mL	2.0 mL	2.4 mL	3.0 mL	3.0 mL
Amiodarone IV for VT with pulse 50 mg/1 mL	5 mg/kg over 10 minutes	0.4 mL	0.6 mL	0.8 mL	1.1 mL	1.3 mL	1.6 mL	2.0 mL	2.4 mL	3.0 mL	3.0 mL
Atropine IV/IM/IO 0.1 mg/mL (Dosing for symptomatic bradycardia)	0.02 mg/kg	----	0.1 mL	0.2 mL	0.2 mL	0.3 mL	0.3 mL	0.4 mL	0.5 mL	0.5 mL	0.5 mL
Atropine IV/IM 0.1 mg/mL (Organophosphate toxicity dosing)	0.1 mg/kg	0.4 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL
Dextrose 10% in H ₂ O solution 0.1 mg/mL	5 mL/kg	20 mL	30 mL	40 mL	50 mL	65 mL	80 mL	100 mL	130 mL	150 mL	200 mL
Diphenhydramine IM/IV/IO 50 mg/mL	1 mg/kg	N/A	0.1 mL	0.2 mL	0.2 mL	0.3 mL	0.3 mL	0.4 mL	0.5 mL	0.6 mL	0.8 mL
Epinephrine IM 1.0 mg/mL (1 mg/mL)	0.01 mg/kg	N/A	0.05 mL	0.08 mL	0.1 mL	0.1 mL	0.16 mL	0.2 mL	0.25 mL	0.3 mL	0.3 mL
Epinephrine IV/IO 0.1 mg/mL(1 mg/10 mL)	0.01 mg/kg	0.4 mL	0.5 mL	0.8 mL	1 mL	1.3 mL	1.6 mL	2 mL	2.5 mL	3 mL	4 mL
Fentanyl IN/IV/IM 50 mcg/1 MI	2 mcg/kg	----	0.15 mL	0.2 mL	0.5 mL	0.5 mL	0.6 mL	0.8 mL	1.0 mL	1.0 mL	1.0 mL
Glucagon IM 1 mg/mL	0.5 mg	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL	0.5 mL
Lidocaine 2% local anesthesia for IO infusion 100 mg/5 mL	0.5 mg/kg	0.1 mL	0.1 mL	0.2 mL	0.3 mL	0.3 mL	0.4 mL	0.5 mL	0.6 mL	0.8 mL	1 mL
Midazolam IN/IM 5 mg/1 mL I. DO NOT ADMINISTER IV FOR PEDS	0.1 mg/kg	0.1 mL	0.1 mL	0.15 mL	0.2 mL	0.25 mL	0.3 mL	0.4 mL	0.5 mL	0.6 mL	0.8 mL

Boxes around medication indicate Base Hospital order only

APPROVED:



Review Dates: 5/16, 11/16, 4/17
Final Date for Implementation: 7/10/2017

