

Nasal Trumpet	14	Suction Catheters	8 Fr
Oral Airway	40	Nasogastric Tubes	8 Fr
Intubation Blades	Miller 1	Foley Size	8 Fr
Endotracheal Tubes	3.5-4.0	Chest Tubes	12 Fr

Cardioversion #1	0.5joules/kg	<u>3 J</u>	Defibrillation #1	2joules/kg	<u>10 J</u>
(synchronized) #2	1joules/kg	<u>6 J</u>	(asynchronized) #2	4joules/kg	<u>20 J</u>
#3	2joules/kg	<u>10 J</u>	#3	4joules/kg	<u>30 J</u>

ADENOSINE (3mg/ml) 100mcg/kg 100mcg x 6 kg = 600mcg = 0.2 MLS
3000mcg/ml

AMIODARONE (50 mg/ml) 5mg/kg 5mg x 6 kg = 30 mg = 0.6 MLS
(Bolus for VF or pulseless VT ONLY, over 20 to 60 min for VT with pulse)

ATROPINE (0.1mg/ml) 0.02mg/kg 0.02mg x 6 kg = 0.12 mg = 1.2 MLS
Minimum Dose: 0.1mg or 1ml / Maximum dose: 2 mg or 20 mls

CA. CHLORIDE 10% (100mg/ml) 20mg/kg 20mg x 6 kg = 120 mg = 1.2 MLS

EPINEPHRINE 1:10,000 (0.1mg/ml) 0.01mg/kg 0.01mg x 6 kg = 0.06mg = 0.6 MLS
(ALL IV DOSES, may increase dosage for pulseless rhythms)

EPINEPHRINE 1:1,000 (1mg/ml) 0.1mg/kg 0.1mg x 6 kg = 0.6 mg = 0.6 MLS
(ALL ETT DOSES ONLY)

GLUCOSE--D25% (250mg/ml) 0.5gm/kg 0.5gm x 6 kg = 3 gm = 12 MLS

HCO3-8.4% (1meq/ml) 1meq/kg 1meq x 6 kg = 6 meq = 6 MLS

LIDOCAINE (20mg/ml) 1mg/kg 1mg x 6 kg = 6 mg = 0.3 MLS

MAGNESIUM (500mg/ml) 25mg/kg 25mg x 6 kg = 150 mg = 0.3 MLS

NALOXONE (NARCAN) (1mg/ml) 0.1mg/kg 0.1mg x 6 kg = 0.6mg = 0.6 MLS

FLUMAZENIL (0.1mg/ml) 0.01mg/kg 0.01mg x 6 kg = 0.06mg = 0.6 MLS

DILANTIN (50mg/ml) 20mg/kg 20mg x 6 kg = 120 mg = 2.4 MLS

FENTANYL (50mcg/ml) 1mcg/kg 1mcg x 6 kg = 6 mcg = 0.12 MLS

KETAMINE (10mg/ml) 1mg/kg 1mg x 6 kg = 6 mg = 0.6 MLS

THIOPENTAL (25mg/ml) 2mg/kg 2mg x 6 kg = 12 mg = 0.48 MLS

VERSED (1mg/ml) 0.1mg/kg 0.1mg x 6 kg = 0.6 mg = 0.6 MLS

ROCURONIUM (10mg/ml) 1mg/kg 1mg x 6 kg = 6 mg = 0.6 MLS

VECURONIUM (dilute 10mg/vial) 0.1mg/kg 0.1mg x 6 kg = 0.6 mg = 0.6 MLS
(with 10 ml sterile water = 1mcg/ml)

6 KG DRIP CALCULATIONS VASOCONSTRICTOR / INOTROPIC MEDICATIONS

MEDICATION		(concentration) *****																			
DOBUTAMINE		(1 mg/ml) (Premixed bag = 250 mg/250 ml D5W)																			
Dosage: mcg/kg/min																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ml/hr	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6	4	4.3	4.7	5	5.4	5.8	6.1	6.5	6.8	7.2	

DOBUTAMINE		(2 mg/ml) *** In a Code 99 situation, this concentration is in the crash cart in a pre-mixed IV bag. ***																			
Dosage: mcg/kg/min		(Premixed bag = 500 mg/250 ml D5W)																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ml/hr	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8	2	2.2	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	

MEDICATION		(concentration) *****																			
DOPAMINE		(0.8 mg/ml) (Premixed bag = 200 mg/250 ml D5W)																			
Dosage: mcg/kg/min																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ml/hr	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5	5	5.4	5.9	6.3	6.8	7.2	7.7	8.1	8.6	9	

DOPAMINE		(1.6 mg/ml) *** In a Code 99 situation, this concentration is in the crash cart in a pre-mixed IV bag. ***																			
Dosage: mcg/kg/min		(Premixed bag = 400 mg/250 ml D5W)																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ml/hr	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2	2.3	2.5	2.7	2.9	3.2	3.4	3.6	3.8	4.1	4.3	4.5	

DOPAMINE		(3.2 mg/ml) (Premixed bag = 800 mg/250 ml D5W)																			
Dosage: mcg/kg/min																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ml/hr	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2	2.1	2.3	

MEDICATION		(concentration) *****																			
EPINEPHRINE / ISOPROTERENOL / PHENYLEPHRINE		(0.02 mg/ml)																			
Dosage: mcg/kg/min																					
	0.05	0.06	0.07	0.08	0.09	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.5	2				
ml/hr	0.9	1.1	1.3	1.4	1.6	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	18	27	36				

EPINEPHRINE / ISOPROTERENOL / PHENYLEPHRINE		(0.05 mg/ml)																			
Dosage: mcg/kg/min																					
	0.05	0.06	0.07	0.08	0.09	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.5	2				
ml/hr	0.4	0.4	0.5	0.6	0.6	0.7	1.4	2.2	2.9	3.6	4.3	5	5.8	6.5	7.2	10.8	14.4				

EPINEPHRINE		(0.1 mg/ml) ** In a Code 99 situation, draw up 45 ml's of D5W in a 60 ml syringe and add 5 ml's of 1:1,000 Epinephrine (vial) for a final concentration of 0.1 mg/ml. **																			
Dosage: mcg/kg/min																					
	0.05	0.06	0.07	0.08	0.09	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.5	2				
ml/hr	0.2	0.2	0.3	0.3	0.3	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6	5.4	7.2				

6 KG DRIP CALCULATIONS VASOCONSTRICTOR / INOTROPIC MEDICATIONS

*****	MEDICATION	(concentration)	*****																
	MILRINONE	(0.1 mg/ml)																	
		Dosage: mcg/kg/min																	
		0.1 0.2 0.25 0.3 0.35 0.4 0.45 0.5 0.55 0.6 0.65 0.7 0.75 0.8 0.85 0.9 0.95 1																	
ml/hr		0.4 0.7 0.9 1.1 1.3 1.4 1.6 1.8 2 2.2 2.3 2.5 2.7 2.9 3.1 3.2 3.4 3.6																	
	MILRINONE	(0.2 mg/ml)	(Premixed bag = 40 mg/200 ml D5W)																
		Dosage: mcg/kg/min																	
		0.1 0.2 0.25 0.3 0.35 0.4 0.45 0.5 0.55 0.6 0.65 0.7 0.75 0.8 0.85 0.9 0.95 1																	
ml/hr		0.2 0.4 0.5 0.5 0.6 0.7 0.8 0.9 1 1.1 1.2 1.3 1.4 1.4 1.5 1.6 1.7 1.8																	
***	MEDICATION	(concentration)	*****																
	NOREPINEPHRINE	(0.02 mg/ml)																	
		Dosage: mcg/kg/min																	
		0.05 0.06 0.07 0.08 0.09 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1 1.5 2																	
ml/hr		0.9 1.1 1.3 1.4 1.6 1.8 3.6 5.4 7.2 9 10.8 12.6 14.4 16.2 18 27 36																	
	NOREPINEPHRINE	(0.04 mg/ml)																	
		Dosage: mcg/kg/min																	
		0.05 0.06 0.07 0.08 0.09 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1 1.5 2																	
ml/hr		0.5 0.5 0.6 0.7 0.8 0.9 1.8 2.7 3.6 4.5 5.4 6.3 7.2 8.1 9 13.5 18																	

6 KG DRIP CALCULATIONS ANTIARRHYTHMIC

*****	MEDICATION	(concentration)	*****																
			*** In a Code 99 situation, draw up 48 ml's of D5W in a 60 cc syringe and add 1.8 ml's of Amiodarone for a concentration of 1.8 mg/ml. ***																
	AMIODARONE	(1.8 mg/ml)																	
		Dosage: mcg/kg/min																	
		5 6 7 8 9 10 11 12 13 14 15																	
ml/hr		1 1.2 1.4 1.6 1.8 2 2.2 2.4 2.6 2.8 3																	
*****	MEDICATION	(concentration)	*****																
			*** In a Code 99 situation, this concentration is in the crash cart in a pre-mixed IV bag. ***																
	LIDOCAINE	(4 mg/ml)	(Premixed bag = 2 grams/500 ml D5W)																
		Dosage: mcg/kg/min																	
		10 15 20 25 30 35 40 45 50																	
ml/hr		0.9 1.4 1.8 2.3 2.7 3.2 3.6 4.1 4.5																	

6 KG DRIP CALCULATIONS FOR VASODILATOR/ANTIHYPERTENSIVE MEDICATIONS

*****	MEDICATION	(concentration)	*****									
	NICARDIPINE	(1 mg/ml)										
		Dosage: mcg/kg/min										
		0.5 1 1.5 2 2.5 3 3.5 4 4.5 5										
ml/hr		0.2 0.4 0.5 0.7 0.9 1.1 1.3 1.4 1.6 1.8										

*****	MEDICATION	(concentration)	*****													
	NITROPRUSSIDE	(1 mg/ml)														
		Dosage: mcg/kg/min														
		0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8														
ml/hr		0.2 0.4 0.5 0.7 0.9 1.1 1.3 1.4 1.6 1.8 2 2.2 2.3 2.5 2.7 2.9														

MEDICATION	(concentration)	*****																
NITROGLYCERIN	(0.8 mg/ml)																	
	Dosage: mcg/kg/min																	
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20																	
ml/hr	0.5 0.9 1.4 1.8 2.3 2.7 3.2 3.6 4.1 4.5 5 5.4 5.9 6.3 6.8 7.2 7.7 8.1 8.6 9																	

6 KG DRIP CALCULATIONS FOR PROSTAGLANDIN E

*****	MEDICATION	(concentration)	*****															
	PROSTAGLANDIN E	(0.01 mg/ml)																
		Dosage: mcg/kg/min																
		0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.1 0.15 0.2 0.25 0.3 0.35 0.4																
ml/hr		0.4 0.7 1.1 1.4 1.8 2.2 2.5 2.9 3.2 3.6 5.4 7.2 9 10.8 12.6 14.4																

6 KG DRIP CALCULATIONS CALCIUM CHLORIDE

***** MEDICATION (concentration) *****

CALCIUM CHLORIDE	(10 mg/ml)				
	Dosage: mg/kg/hour				
	1	2	3	4	5
ml/hr	0.6	1.2	1.8	2.4	3

CALCIUM CHLORIDE	(50 mg/ml)				
	Dosage: mg/kg/hour				
	1	2	3	4	5
ml/hr	0.1	0.2	0.4	0.5	0.6

6 KG DRIP CALCULATIONS FENTANYL AND VERSED

***** MEDICATION (concentration) *****

FENTANYL	(25 mcg/ml = 0.025 mg/ml)									
	Dosage: mcg/kg/hour									
	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
ml/hr	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1	1.1	1.2

FENTANYL	(50 mcg/ml = 0.05 mg/ml)									
	Dosage: mcg/kg/hour									
	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
ml/hr	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6

***** MEDICATION (concentration) *****

VERSED	(1 mg/ml)									
	Dosage: mg/kg/hour									
	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5
ml/hr	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3

VERSED	(5 mg/ml)									
	Dosage: mg/kg/hour									
	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5
ml/hr	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6