

Nasal Trumpet	14	Suction Catheters	6-8 Fr
Oral Airway	40	Nasogastric Tubes	8 Fr
Intubation Blades	Miller 1	Foley Size	6 Fr
Endotracheal Tubes	3.5	Chest Tubes	12 Fr

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

ADENOSINE (3mg/ml) 100mcg/kg 100mcg x 3 kg = 300 mcg = 0.1 MLS
 3000mcg/ml

AMIODARONE (50 mg/ml) 5mg/kg 5mg x 3 kg = 15 mg = 0.3 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 3 kg = 0.06mg = 1 MLS
Minimum Dose: 0.1mg or 1ml / Maximum dose: 2 mg or 20 mls

CA. CHLORIDE 10% (100mg/ml) 20mg/kg 20mg x 3 kg = 60 mg = 0.6 MLS

EPINEPHRINE 1:10,000 (0.1mg/ml) 0.01mg/kg 0.01mg x 3 kg = 0.03 mg = 0.3 MLS
 (ALL IV DOSES, may increase dosage for pulseless rhythms)

EPINEPHRINE 1:1,000 (1mg/ml) 0.1mg/kg 0.1mg x 3 kg = 0.3 mg = 0.3 MLS
 (ALL ETT DOSES ONLY)

GLUCOSE --D25% (250mg/ml) 0.5gm/kg 0.5gm x 3 kg = 1.5 gm = 6 MLS

HCO3-8.4% (1meq/ml) 1meq/kg 1meq x 3 kg = 3 meq = 3 MLS

LIDOCAINE (20mg/ml) 1mg/kg 1mg x 3 kg = 3 mg = 0.15 MLS

MAGNESIUM (500mg/ml) 25mg/kg 25mg x 3 kg = 75 mg = 0.15 MLS

NALOXONE (NARCAN) (1mg/ml) 0.1mg/kg 0.1mg x 3 kg = 0.3 mg = 0.3 MLS

FLUMAZENIL (0.1mg/ml) 0.01mg/kg 0.01mg x 3 kg = 0.03 mg = 0.3 MLS

DILANTIN (50mg/ml) 20mg/kg 20mg x 3 kg = 60 mg = 1.2 MLS

FENTANYL (50mcg/ml) 1mcg/kg 1mcg x 3 kg = 3 mcg = 0.06 MLS

KETAMINE (10mg/ml) 1mg/kg 1mg x 3 kg = 3 mg = 0.3 MLS

THIOPENTAL (25mg/ml) 2mg/kg 2mg x 3 kg = 6 mg = 0.24 MLS

VERSED (1mg/ml) 0.1mg/kg 0.1mg x 3 kg = 0.3 mg = 0.3 MLS

ROCURONIUM (10mg/ml) 1mg/kg 1mg x 3 kg = 3 mg = 0.3 MLS

3 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	0.2 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																		
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	0.1 0.2 0.3 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)	*****																	
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	0.2 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	(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	0.1 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																		
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 0.1 0.2 0.2 0.3 0.3 0.4 0.5 0.5 0.6 0.6 0.7 0.7 0.8 0.8 0.9 1 1 1.1 1.1																		
*** 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	0.5 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																		
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	0.2 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																		
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	0.1 0.1 0.1 0.1 0.2 0.2 0.4 0.5 0.7 0.9 1.1 1.3 1.4 1.6 1.8 2.7 3.6																		

3 KG DRIP CALCULATIONS VASOCONSTRICTOR / INOTROPIC MEDICATIONS

*****	MEDICATION	(concentration)	*****																
	MILRINONE	(0.1 mg/ml)																	
		Dosage: mcg/kg/min																	
	ml/hr	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
		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
	MILRINONE	(0.2 mg/ml)	(Premixed bag = 40 mg/200 ml D5W)																
		Dosage: mcg/kg/min																	
	ml/hr	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
		0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9
***	MEDICATION	(concentration)	*****																
	NOREPINEPHRINE	(0.02 mg/ml)																	
		Dosage: mcg/kg/min																	
	ml/hr	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	
		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	
	NOREPINEPHRINE	(0.04 mg/ml)																	
		Dosage: mcg/kg/min																	
	ml/hr	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	
		0.2	0.3	0.3	0.4	0.4	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5	6.8	9	

3 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																				
	ml/hr	5	6	7	8	9	10	11	12	13	14	15										
		0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5										
*****	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																				
	ml/hr	10	15	20	25	30	35	40	45	50												
		0.5	0.7	0.9	1.1	1.4	1.6	1.8	2	2.3												

3 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	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9

***** 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	0.1	0.2	0.3	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

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	0.2	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

3 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	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8	2.7	3.6	4.5	5.4	6.3	7.2

3 KG DRIP CALCULATIONS CALCIUM CHLORIDE

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

CALCIUM CHLORIDE	(10 mg/ml)				
	Dosage: mg/kg/hour				
	1	2	3	4	5
ml/hr	0.3	0.6	0.9	1.2	1.5

CALCIUM CHLORIDE	(50 mg/ml)				
	Dosage: mg/kg/hour				
	1	2	3	4	5
ml/hr	0.1	0.1	0.2	0.2	0.3

3 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	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6

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	XXX	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3

***** 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	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5

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	XXXX	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3