

Nasal Trumpet	26	Suction Catheters	12-14 Fr
Oral Airway	80	Nasogastric Tubes	14 Fr
Intubation Blades	Miller or Mac 2-3	Foley Size	12 Fr
Endotracheal Tubes	6.0 Cuffed	Chest Tubes	20 Fr

<b>Cardioversion #1</b>	0.5joules/kg	<u>20J</u>	<b>Defibrillation #1</b>	2joules/kg	<u>100J</u>
(synchronized) #2	1joules/kg	<u>30J</u>	(asynchronized) #2	4joules/kg	<u>200J</u>
#3	2joules/kg	<u>100J</u>	#3	4joules/kg	<u>200J</u>

**ADENOSINE** (3mg/ml) 100mcg/kg 100mcg x 35 kg = 3500mcg = 1.17 MLS  
3000mcg/ml

**AMIODARONE** (50 mg/ml) 5mg/kg 5mg x 35 kg = 175mg (Max dose=150mg) = 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 35 kg = 0.7 mg = 7 MLS  
Minimum Dose: 0.1mg or 1ml / Maximum dose: 2 mg or 20 mls

**CA. CHLORIDE 10%** (100mg/ml) 20mg/kg 20mg x 35 kg = 700 mg = 7 MLS

**EPINEPHRINE 1:10,000** (0.1mg/ml) 0.01mg/kg 0.01mg x 35 kg = 0.35 mg = 3.5 MLS  
(ALL IV DOSES, may increase dosage for pulseless rhythms)

**EPINEPHRINE 1:1,000** (1mg/ml) 0.1mg/kg 0.1mg x 35 kg = 3.5 mg = 3.5 MLS  
(ALL ETT DOSES ONLY)

**GLUCOSE--D50%** (500mg/ml) 0.5gm/kg 0.5gm x 35 kg = 17.5gms = 35 MLS

**HCO3--8.4%** (1meq/ml) 1meq/kg 1meq x 35 kg = 35 meq = 35 MLS

**LIDOCAINE** (20mg/ml) 1mg/kg 1mg x 35 kg = 35 mg = 1.75 MLS

**MAGNESIUM** (500mg/ml) 25mg/kg 25mg x 35 kg = 875 mg = 1.75 MLS

**NALOXONE (NARCAN)** (1mg/ml) 0.1mg/kg 0.1mg x 35 kg = 3.5 mg = 3.5 MLS

**FLUMAZENIL** (0.1mg/ml) 0.01mg/kg 0.01mg x 35 kg = 0.35 mg = 3.5 MLS

**DILANTIN** (50mg/ml) 20mg/kg 20mg x 35 kg = 700 mg = 14 MLS

**FENTANYL** (50mcg/ml) 1mcg/kg 1mcg x 35 kg = 35 mcg = 0.7 MLS

**KETAMINE** (10mg/ml) 1mg/kg 1mg x 35 kg = 35 mg = 3.5 MLS

**THIOPENTAL** (25mg/ml) 2mg/kg 2mg x 35 kg = 70 mg = 2.8 MLS

**VERSED** (1mg/ml) 0.1mg/kg 0.1mg x 35 kg = 3.5 mg = 3.5 MLS

**ROCURONIUM** (10mg/ml) 1mg/kg 1mg x 35 kg = 35 mg = 3.5 MLS

**VECURONIUM** (dilute 10mg/vial) 0.1mg/kg 0.1mg x 35 kg = 3.5 mg = 3.5 MLS  
(with 10 ml sterile water = 1mg/ml)

**35 KG DRIP CALCULATIONS VASOCONSTRICTOR / INOTROPIC MEDICATIONS**

<b>MEDICATION (concentration) *****</b>																				
<b>DOBUTAMINE (1 mg/ml)</b>		<b>(Premixed bag = 250 mg/250 ml D5W)</b>																		
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	2.1	4.2	6.3	8.4	10.5	12.6	14.7	16.8	18.9	21	23.1	25.2	27.3	29.4	31.5	33.6	35.7	37.8	39.9	42
<b>DOBUTAMINE (2 mg/ml)</b>		<b>*** In a Code 99 situation, this concentration is in the crash cart in a pre-mixed IV bag. ***</b>																		
Dosage: mcg/kg/min		<b>(Premixed bag = 500 mg/250 ml D5W)</b>																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ml/hr	1.1	2.1	3.2	4.2	5.3	6.3	7.4	8.4	9.5	10.5	11.6	12.6	13.7	14.7	15.8	16.8	17.9	18.9	20	21
<b>MEDICATION (concentration) *****</b>																				
<b>DOPAMINE (0.8 mg/ml)</b>		<b>(Premixed bag = 200 mg/250 ml D5W)</b>																		
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	2.6	5.3	7.9	10.5	13.1	15.8	18.4	21	23.6	26.3	28.9	31.5	34.1	36.8	39.4	42	44.6	47.3	49.9	52.5
<b>DOPAMINE (1.6 mg/ml)</b>		<b>*** In a Code 99 situation, this concentration is in the crash cart in a pre-mixed IV bag. ***</b>																		
Dosage: mcg/kg/min		<b>(Premixed bag = 400 mg/250 ml D5W)</b>																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ml/hr	1.3	2.6	3.9	5.3	6.6	7.9	9.2	10.5	11.8	13.1	14.4	15.8	17.1	18.4	19.7	21	22.3	23.6	24.9	26.3
<b>DOPAMINE (3.2 mg/ml)</b>		<b>(Premixed bag = 800 mg/250 ml D5W)</b>																		
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	0.7	1.3	2	2.6	3.3	3.9	4.6	5.3	5.9	6.6	7.2	7.9	8.5	9.2	9.8	10.5	11.2	11.8	12.5	13.1
<b>*** MEDICATION ***** (concentration) *****</b>																				
<b>EPINEPHRINE / ISOPROTERENOL / PHENYLEPHRINE</b>		<b>(0.02 mg/ml)</b>																		
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	5.3	6.3	7.4	8.4	9.5	10.5	21	31.5	42	52.5	63	73.5	84	94.5	105	XXX	X			
<b>EPINEPHRINE / ISOPROTERENOL / PHENYLEPHRINE</b>		<b>(0.05 mg/ml)</b>																		
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	2.1	2.5	3	3.4	3.8	4.2	8.4	12.6	16.8	21	25.2	29.4	33.6	37.8	42	63	84			
<b>EPINEPHRINE (0.1 mg/ml)</b>		<b>** 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. **</b>																		
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	1.1	1.3	1.5	1.7	1.9	2.1	4.2	6.3	8.4	10.5	12.6	14.7	16.8	18.9	21	31.5	42			

**35 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		2.1 4.2 5.3 6.3 7.4 8.4 9.5 10.5 11.6 12.6 13.7 14.7 15.8 16.8 17.9 18.9 20 21																	

	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		1.1 2.1 2.6 3.2 3.7 4.2 4.7 5.3 5.8 6.3 6.8 7.4 7.9 8.4 8.9 9.5 10 10.5																	

***	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		5.3 6.3 7.4 8.4 9.5 10.5 21 31.5 42 52.5 63 73.5 84 94.5 105 XXX X																	

	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		2.6 3.2 3.7 4.2 4.7 5.3 10.5 15.8 21 26.3 31.5 36.8 42 47.3 52.5 78.8 105																	

**35 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		5.8 7 8.2 9.3 10.5 11.7 12.8 14 15.2 16.3 17.5																	

*****	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																	
		10 15 20 25 30 35 40 45 50																	
ml/hr		5.3 7.9 10.5 13.1 15.8 18.4 21 23.6 26.3																	

35 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	1.1	2.1	3.2	4.2	5.3	6.3	7.4	8.4	9.5	10.5					

\*\*\*\*\* 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	1.1	2.1	3.2	4.2	5.3	6.3	7.4	8.4	9.5	10.5	11.6	12.6	13.7	14.7	15.8	16.8			

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	2.6	5.3	7.9	10.5	13.1	15.8	18.4	21	23.6	26.3	28.9	31.5	34.1	36.8	39.4	42	44.6	47.3	50	52.5

35 KG DRIP CALCULATIONS CALCIUM CHLORIDE

*****	MEDICATION	(concentration)	*****				
	CALCIUM CHLORIDE	(10 mg/ml)					
		Dosage: mg/kg/hour					
			1	2	3	4	5
ml/hr			3.5	7	10.5	14	17.5

	CALCIUM CHLORIDE	(50 mg/ml)					
		Dosage: mg/kg/hour					
			1	2	3	4	5
ml/hr			0.7	1.4	2.1	2.8	3.5

35 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			0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7

	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			0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5

*****	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			1.8	3.5	5.3	7	8.8	10.5	12.3	14	15.8	17.5

	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			0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5