WEIGHT 4 KG

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

Cardioversion	#1	0.5joules/kg 2 J	**Defibrillation**	#1	2joules/kg 8 J
(synchronized)	#2	1joules/kg 4 J	(asynchronized)	#2	4joules/kg 20 J
	#3	2joules/kg 8 J		#3	4joules/kg 20 J

ADENOSINE (3mg/ml) 100mcg/kg 100mcg x 4 kg = 400 mcg = 0.13 MLS
3000mcg/ml

AMIODARONE (50 mg/ml) 5mg/kg 5mg x 4 kg = 20 mg = 0.4 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 4 kg = 0.08 mg = 1 MLS
Minimum Dose: 0.1mg or 1ml / Maximum dose: 2 mg or 20 mls

CA. CHLORIDE 10% (100mg/ml) 20mg/kg 20mg x 4 kg = 80 mg = 0.8 MLS

EPINEPHRINE 1:10,000 (0.1mg/ml) 0.01mg/kg 0.01mg x 4 kg = 0.04 mg = 0.4 MLS
(ALL IV DOSES, may increase dosage for pulseless rhythms)

EPINEPHRINE 1:1,000 (1mg/ml) 0.1mg/kg 0.1mg x 4 kg = 0.4 mg = 0.4 MLS
(ALL ETT DOSES ONLY)

GLUCOSE--D25% (250mg/ml) 0.5gm/kg 0.5gm x 4 kg = 2 gm = 8 MLS

HCO3-8.4% (1meq/ml) 1meq/kg 1meq x 4 kg = 4 meq = 4 MLS

LIDOCAINE (20mg/1ml) 1mg/kg 1mg x 4 kg = 4 mg = 0.2 MLS

MAGNESIUM (500mg/ml) 25mg/kg 25mg x 4 kg = 100 mg = 0.2 MLS

NALOXONE (NARCAN) (1mg/ml) 0.1mg/kg 0.1mg x 4 kg = 0.4 mg = 0.4 MLS

FLUMAZENIL (0.1mg/ml) 0.01mg/kg 0.01mg x 4 kg = 0.04 mg = 0.4 MLS

DILANTIN (50mg/ml) 20mg/kg 20mg x 4 kg = 80 mg = 1.6 MLS

FENTANYL (50mcg/ml) 1mcg/kg 1mcg x 4 kg = 4 mcg = 0.08 MLS

KETAMINE (10mg/ml) 1mg/kg 1mg x 4 kg = 4 mg = 0.4 MLS

THIOPENTAL (25mg/ml) 2mg/kg 2mg x 4 kg = 8 mg = 0.32 MLS

VERSED (1mg/ml) 0.1mg/kg 0.1mg x 4 kg = 0.4 mg = 0.4 MLS

ROCURONIUM (10mg/ml) 1mg/kg 1mg x 4 kg = 4 mg = 0.4 MLS

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4 KG DRIP CACULATIONS 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	0.5	0.7	1	1.2	1.4	1.7	1.9	2.2	2.4	2.6	2.9	3.1	3.4	3.6	3.8	4.1	4.3	4.6	4.8

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	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	0.4	0.5	0.6	0.7	0.8	1	1.1	1.2	1.3	1.4	1.6	1.7	1.8	1.9	2	2.2	2.3	2.4

(Premixed bag = 500 mg/250 ml D5W)

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	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ml/hr	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5	1.7	1.8	2	2.1	2.3	2.4	2.6	2.7	2.9	3

(Premixed bag = 400 mg/250 ml D5W)

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	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.9	1	1.1	1.1	1.2	1.3	1.4	1.4	1.5

*** **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	0.6	0.7	0.8	1	1.1	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	18	24

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	0.3	0.3	0.4	0.4	0.5	1	1.4	1.9	2.4	2.9	3.4	3.8	4.3	4.8	7.2	9.6

EPINEPHRINE (0.1 mg/ml) **** In a Code 99 situation, draw up 45 ml's of D5W in a 60 ml sryinge 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	0.2	0.2	0.2	0.2	0.5	0.7	1	1.2	1.4	1.7	1.9	2.2	2.4	3.6	4.8

4 KG DRIP CACULATIONS 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	0.2	0.5	0.6	0.7	0.8	1	1.1	1.2	1.3	1.4	1.6	1.7	1.8	1.9	2	2.2	2.3	2.4

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	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.9	1	1	1.1	1.1	1.2

*** **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	0.6	0.7	0.8	1	1.1	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	18	24

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	0.3	0.4	0.4	0.5	0.5	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	9	12

4 KG DRIP CACULATIONS 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	0.7	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.7	1.9	2

***** **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	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3

4 KG DRIP CACULATIONS 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	0.4	0.5	0.6	0.7	0.8	1	1.1	1.2

***** **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	0.4	0.5	0.6	0.7	0.8	1	1.1	1.2	1.3	1.4	1.6	1.7	1.8	1.9

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	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6

4 KG DRIP CACULATIONS 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	0.5	0.7	1	1.2	1.4	1.7	1.9	2.2	2.4	3.6	4.8	6	7.2	8.4	9.6

New 8/04

4 KG DRIP CACULATIONS CALCIUM CHLORIDE

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

CALCIUM CHLORIDE (10 mg/ml)

Dosage: mg/kg/hour

	1	**2**	**3**	**4**	**5**
ml/hr	0.4	0.8	1.2	1.6	2

CALCIUM CHLORIDE (50 mg/ml)

Dosage: mg/kg/hour

	1	**2**	**3**	**4**	**5**
ml/hr	0.1	0.2	0.2	0.3	0.4

4 KG DRIP CACULATIONS 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	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8

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	0.2	0.2	0.2	0.3	0.3	0.4	0.4

***** **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	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2

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	0.2	0.2	0.2	0.3	0.3	0.4	0.4