



# NEW RICHMOND AMBULANCE

## RSI Medication Chart

Drug:	Etomidate	Propofol	Ketamine	Succinylcholine	Vecuronium	Rocuronium	Versed	
Dose:	0.3 mg/kg	0.5 mg/kg	0.5 mg/kg	2 mg/kg	0.1 mg/kg	0.6 mg/kg	0.1 mg/kg	
Concen:	2 mg/ml	10 mg/ml	50 mg/ml	20 mg/ml	1 mg/ml	10 mg/ml	5 mg/ml	
kg								lbs
10	3 mg / 1.5 ml	5 mg / 0.5 ml	5 mg / 0.1 ml	20 mg / 1 ml	1 mg / 1 ml	6 mg / 0.6 ml	1 mg / 0.2 ml	22
20	6 mg / 3 ml	10 mg / 1 ml	10 mg / 0.2 ml	40 mg / 2 ml	2 mg / 2 ml	12 mg / 1.2 ml	2 mg / 0.4 ml	44
30	9 mg / 4.5 ml	15 mg / 1.5 ml	15 mg / 0.3 ml	60 mg / 3 ml	3 mg / 3 ml	18 mg / 1.8 ml	3 mg / 0.6 ml	66
40	12 mg / 6 ml	20 mg / 2 ml	20 mg / 0.4 ml	80 mg / 4 ml	4 mg / 4 ml	24 mg / 2.4 ml	4 mg / 0.8 ml	88
50	15 mg / 7.5 ml	25 mg / 2.5 ml	25 mg / 0.5 ml	100 mg / 5 ml	5 mg / 5 ml	30 mg / 3 ml	5 mg / 1 ml	110
60	18 mg / 9 ml	30 mg / 3 ml	30 mg / 0.6 ml	120 mg / 6 ml	6 mg / 6 ml	36 mg / 3.6 ml	5 mg / 1 ml	132
70	21 mg / 10.5 ml	35 mg / 3.5 ml	35 mg / 0.7 ml	140 mg / 7 ml	7 mg / 7 ml	42 mg / 4.2 ml	5 mg / 1 ml	154
80	24 mg / 12 ml	40 mg / 4 ml	40 mg / 0.8 ml	160 mg / 8 ml	8 mg / 8 ml	48 mg / 4.8 ml	5 mg / 1 ml	176
90	27 mg / 13.5 ml	45 mg / 4.5 ml	45 mg / 0.9 ml	180 mg / 9 ml	9 mg / 9 ml	54 mg / 5.4 ml	5 mg / 1 ml	198
100	30 mg / 15 ml	50 mg / 5 ml	50 mg / 1 ml	200 mg / 10 ml	10 mg / 10 ml	60 mg / 6 ml	5 mg / 1 ml	220
110	33 mg / 16.5 ml	55 mg / 5.5 ml	55 mg / 1.1 ml	220 mg / 11 ml	11 mg / 11 ml	66 mg / 6.6 ml	5 mg / 1 ml	242
120	36 mg / 18 ml	60 mg / 6 ml	60 mg / 1.2 ml	240 mg / 12 ml	12 mg / 12 ml	72 mg / 7.2 ml	5 mg / 1 ml	264
130	39 mg / 19.5 ml	65 mg / 6.5 ml	65 mg / 1.3 ml	260 mg / 13 ml	13 mg / 13 ml	78 mg / 7.8 ml	5 mg / 1 ml	286
140	42 mg / 21 ml	70 mg / 7 ml	70 mg / 1.4 ml	280 mg / 14 ml	14 mg / 14 ml	84 mg / 8.4 ml	5 mg / 1 ml	308
150	45 mg / 22.5 ml	75 mg / 7.5 ml	75 mg / 1.5 ml	300 mg / 15 ml	15 mg / 15 mg	90 mg / 9 ml	5 mg / 1 ml	330



# NEW RICHMOND AMBULANCE

## Dobutamine Drip Chart

\*\*Mix 250mg of Dobutamine in a 250mL D5W Bag\*\*

	5 mcg/kg	7.5 mcg/kg	10 mcg/kg	12.5 mcg/kg	15 mcg/kg	17.5 mcg/kg	20 mcg/kg	
kg								lbs
10	3 gtt/min	5 gtt/min	6 gtt/min	8 gtt/min	9 gtt/min	11 gtt/min	12 gtt/min	22
20	6 gtt/min	9 gtt/min	12 gtt/min	15 gtt/min	18 gtt/min	21 gtt/min	24 gtt/min	44
30	9 gtt/min	14 gtt/min	18 gtt/min	23 gtt/min	27 gtt/min	32 gtt/min	36 gtt/min	66
40	12 gtt/min	18 gtt/min	24 gtt/min	30 gtt/min	36 gtt/min	42 gtt/min	48 gtt/min	88
50	15 gtt/min	23 gtt/min	30 gtt/min	38 gtt/min	45 gtt/min	53 gtt/min	60 gtt/min	110
60	18 gtt/min	27 gtt/min	36 gtt/min	45 gtt/min	54 gtt/min	63 gtt/min	72 gtt/min	132
70	21 gtt/min	32 gtt/min	42 gtt/min	53 gtt/min	63 gtt/min	74 gtt/min	84 gtt/min	154
80	24 gtt/min	36 gtt/min	48 gtt/min	60 gtt/min	72 gtt/min	84 gtt/min	96 gtt/min	176
90	27 gtt/min	41 gtt/min	54 gtt/min	68 gtt/min	81 gtt/min	95 gtt/min	108 gtt/min	198
100	30 gtt/min	45 gtt/min	60 gtt/min	75 gtt/min	90 gtt/min	105 gtt/min	120 gtt/min	220
110	33 gtt/min	50 gtt/min	66 gtt/min	83 gtt/min	99 gtt/min	116 gtt/min	132 gtt/min	242
120	36 gtt/min	54 gtt/min	72 gtt/min	90 gtt/min	108 gtt/min	126 gtt/min	144 gtt/min	264
130	39 gtt/min	59 gtt/min	78 gtt/min	98 gtt/min	117 gtt/min	137 gtt/min	156 gtt/min	286
140	42 gtt/min	63 gtt/min	84 gtt/min	105 gtt/min	126 gtt/min	147 gtt/min	168 gtt/min	308
150	45 gtt/min	68 gtt/min	90 gtt/min	113 gtt/min	135 gtt/min	158 gtt/min	180 gtt/min	330



# NEW RICHMOND AMBULANCE

## Dopamine Drip Chart

**\*\*Mix 200mg of Dopamine in a 250mL D5W Bag\*\***

	5 mcg/kg	7.5 mcg/kg	10 mcg/kg	12.5 mcg/kg	15 mcg/kg	17.5 mcg/kg	20 mcg/kg	
kg								lbs
10	4 gtt/min	6 gtt/min	8 gtt/min	10 gtt/min	12 gtt/min	14 gtt/min	16 gtt/min	22
20	8 gtt/min	12 gtt/min	16 gtt/min	18 gtt/min	22 gtt/min	26 gtt/min	30 gtt/min	44
30	12 gtt/min	16 gtt/min	22 gtt/min	28 gtt/min	34 gtt/min	40 gtt/min	46 gtt/min	66
40	16 gtt/min	22 gtt/min	30 gtt/min	38 gtt/min	46 gtt/min	52 gtt/min	60 gtt/min	88
50	18 gtt/min	28 gtt/min	36 gtt/min	46 gtt/min	56 gtt/min	66 gtt/min	72 gtt/min	110
60	22 gtt/min	34 gtt/min	44 gtt/min	56 gtt/min	68 gtt/min	78 gtt/min	90 gtt/min	132
70	26 gtt/min	40 gtt/min	52 gtt/min	66 gtt/min	78 gtt/min	92 gtt/min	106 gtt/min	154
80	30 gtt/min	46 gtt/min	60 gtt/min	76 gtt/min	90 gtt/min	106 gtt/min	120 gtt/min	176
90	34 gtt/min	50 gtt/min	68 gtt/min	84 gtt/min	102 gtt/min	118 gtt/min	136 gtt/min	198
100	38 gtt/min	56 gtt/min	74 gtt/min	94 gtt/min	112 gtt/min	132 gtt/min	150 gtt/min	220
110	42 gtt/min	62 gtt/min	82 gtt/min	104 gtt/min	124 gtt/min	144 gtt/min	166 gtt/min	242
120	46 gtt/min	68 gtt/min	90 gtt/min	112 gtt/min	136 gtt/min	158 gtt/min	180 gtt/min	264
130	48 gtt/min	42 gtt/min	98 gtt/min	122 gtt/min	146 gtt/min	170 gtt/min	196 gtt/min	286
140	52 gtt/min	78 gtt/min	106 gtt/min	132 gtt/min	158 gtt/min	184 gtt/min	210 gtt/min	308
150	56 gtt/min	84 gtt/min	112 gtt/min	140 gtt/min	168 gtt/min	196 gtt/min	226 gtt/min	330



# NEW RICHMOND AMBULANCE

## Dopamine Drip Chart

\*\*Mix 400mg of Dopamine in a 250mL D5W Bag\*\*

	5 mcg/kg	7.5 mcg/kg	10 mcg/kg	12.5 mcg/kg	15 mcg/kg	17.5 mcg/kg	20 mcg/kg	
<b>kg</b>								<b>lbs</b>
10	2 gtt/min	3 gtt/min	4 gtt/min	5 gtt/min	6 gtt/min	7 gtt/min	8 gtt/min	22
20	4 gtt/min	6 gtt/min	8 gtt/min	9 gtt/min	11 gtt/min	13 gtt/min	15 gtt/min	44
30	6 gtt/min	8 gtt/min	11 gtt/min	14 gtt/min	17 gtt/min	20 gtt/min	23 gtt/min	66
40	8 gtt/min	11 gtt/min	15 gtt/min	19 gtt/min	23 gtt/min	26 gtt/min	30 gtt/min	88
50	9 gtt/min	14 gtt/min	18 gtt/min	23 gtt/min	28 gtt/min	33 gtt/min	38 gtt/min	110
60	11 gtt/min	17 gtt/min	22 gtt/min	28 gtt/min	34 gtt/min	39 gtt/min	45 gtt/min	132
70	13 gtt/min	20 gtt/min	26 gtt/min	33 gtt/min	39 gtt/min	46 gtt/min	53 gtt/min	154
80	15 gtt/min	23 gtt/min	30 gtt/min	38 gtt/min	45 gtt/min	53 gtt/min	60 gtt/min	176
90	18 gtt/min	25 gtt/min	34 gtt/min	42 gtt/min	51 gtt/min	59 gtt/min	68 gtt/min	198
100	19 gtt/min	28 gtt/min	37 gtt/min	47 gtt/min	56 gtt/min	66 gtt/min	75 gtt/min	220
110	21 gtt/min	31 gtt/min	41 gtt/min	52 gtt/min	62 gtt/min	72 gtt/min	83 gtt/min	242
120	23 gtt/min	34 gtt/min	45 gtt/min	56 gtt/min	68 gtt/min	79 gtt/min	90 gtt/min	264
130	24 gtt/min	37 gtt/min	49 gtt/min	61 gtt/min	73 gtt/min	85 gtt/min	98 gtt/min	286
140	26 gtt/min	39 gtt/min	53 gtt/min	66 gtt/min	79 gtt/min	92 gtt/min	105 gtt/min	308
150	28 gtt/min	42 gtt/min	56 gtt/min	70 gtt/min	84 gtt/min	98 gtt/min	113 gtt/min	330



# NEW RICHMOND AMBULANCE

## Epinephrine Drip Chart

\*\*Mix 1mg of Epinephrine 1:1000 in a 250mL D5W Bag\*\*

mcg/min	gtt/min (mL/hr)		mcg/min	gtt/min (mL/hr)		mcg/min	gtt/min (mL/hr)
1	15 gtt/min		5	75 gtt/min		9	135 gtt/min
2	30 gtt/min		6	90 gtt/min		10	150 gtt/min
3	45 gtt/min		7	105 gtt/min			
4	60 gtt/min		8	120 gtt/min			



# NEW RICHMOND AMBULANCE

## Heparin Dosing and Drip Chart

\*\*Administer initial bolus of 60 IU/kg (max 5,000 IU)\*\*

\*\*Follow bolus with infusion: mix 25,000 IU in 500 mL, run at 12 IU/kg/hr (max 1,000 IU/hr)\*\*

	Bolus		Drip:	
kg				lbs
40	2,400 Units		480 Units/hr / 9.6 (10) ml/hr	88
50	3,000 Units		600 Units/hr / 12.0 ml/hr	110
60	3,600 Units		720 Units/hr / 14.4 (15) ml/hr	132
70	4,200 Units		840 Units/hr / 16.8 (17) ml/hr	154
80	4,800 Units		960 Units/hr / 19.2 (19) ml/hr	176
90	5,000 Units		1000 Units/hr / 20 ml/hr	198
100	5,000 Units		1000 Units/hr / 20 ml/hr	220
110	5,000 Units		1000 Units/hr / 20 ml/hr	242
120	5,000 Units		1000 Units/hr / 20 ml/hr	264
130	5,000 Units		1000 Units/hr / 20 ml/hr	286
140	5,000 Units		1000 Units/hr / 20 ml/hr	308
150	5,000 Units		1000 Units/hr / 20 ml/hr	330



# NEW RICHMOND AMBULANCE

## Integrilin Dosing and Drip Chart

\*\*Administer initial bolus of 180 mcg/kg \*\*

\*\*Follow bolus with infusion of 1.0 – 2.0 mcg/kg/minute

	Bolus (mg)	Bolus (mL)	Drip			
kg		(from 2 mg/ml bottle)				lbs
40	7.2 mg	3.6 mL	480 Units/hr / 9.6 (10) ml/hr			88
50	9.0 mg	4.5 mL	600 Units/hr / 12.0 ml/hr			110
60	10.8 mg	5.4 mL	720 Units/hr / 14.4 (15) ml/hr			132
70	12.6 mg	6.3 mL	840 Units/hr / 16.8 (17) ml/hr			154
80	14.4 mg	7.2 mL	960 Units/hr / 19.2 (19) ml/hr			176
90	16.2 mg	8.1 mL	1000 Units/hr / 20 ml/hr			198
100	18.0 mg	9.0 mL	1000 Units/hr / 20 ml/hr			220
110	19.8 mg	9.9 mL	1000 Units/hr / 20 ml/hr			242
120	21.6 mg	10.8 mL	1000 Units/hr / 20 ml/hr			264
130	23.4 mg	11.7 mL	1000 Units/hr / 20 ml/hr			286
140	25.2 mg	12.6 mL	1000 Units/hr / 20 ml/hr			308
150	27.0 mg	13.0 mL	1000 Units/hr / 20 ml/hr			330



# NEW RICHMOND AMBULANCE

## Nitro Drip Chart

\*\*Mix 50mg vial of Nitroglycerine in a 250mL D5W Bag\*\*

mcg/min	gtt/min (mL/hr)		mcg/min	gtt/min (mL/hr)		mcg/min	gtt/min (mL/hr)
5	1.5 gtt/min		65	19.5 gtt/min		125	37.5 gtt/min
10	3.0 gtt/min		70	21.0 gtt/min		130	39.0 gtt/min
15	4.5 gtt/min		75	22.5 gtt/min		135	40.5 gtt/min
20	6.0 gtt/min		80	24.0 gtt/min		140	42.0 gtt/min
25	7.5 gtt/min		85	25.5 gtt/min		145	43.5 gtt/min
30	9.0 gtt/min		90	27.0 gtt/min		150	45.0 gtt/min
35	10.5 gtt/min		95	28.5 gtt/min		155	46.5 gtt/min
40	12.0 gtt/min		100	30.0 gtt/min		160	48.0 gtt/min
45	13.5 gtt/min		105	31.5 gtt/min		170	51.0 gtt/min
50	15.0 gtt/min		110	33.0 gtt/min		180	54.0 gtt/min
55	16.5 gtt/min		115	34.5 gtt/min		190	57.0 gtt/min
60	18.0 gtt/min		120	36.0 gtt/min		200	60.0 gtt/min





# NEW RICHMOND AMBULANCE

## Norepinephrine Drip Chart

\*\*Mix 4mg of Norepinephrine in a 250mL D5W Bag\*\*

mcg/min	gtt/min (mL/hr)		mcg/min	gtt/min (mL/hr)		mcg/min	gtt/min (mL/hr)
1	4 gtt/min		11	41 gtt/min		21	79 gtt/min
2	8 gtt/min		12	45 gtt/min		22	82 gtt/min
3	11 gtt/min		13	49 gtt/min		23	86 gtt/min
4	15 gtt/min		14	53 gtt/min		24	90 gtt/min
5	19 gtt/min		15	56 gtt/min		25	94 gtt/min
6	23 gtt/min		16	60 gtt/min		26	98 gtt/min
7	26 gtt/min		17	64 gtt/min		27	101 gtt/min
8	30 gtt/min		18	68 gtt/min		28	106 gtt/min
9	34 gtt/min		19	71 gtt/min		29	109 gtt/min
10	38 gtt/min		20	75 gtt/min		30	113 gtt/min



# NEW RICHMOND AMBULANCE

## Propofol Drip Chart

\*\*Initial Sedation bolus of 0.5 mg/kg (500 mcg/kg) followed by infusion\*\*

\*\*Based on concentration of 10 mg/ml, using 100 mL vial\*\*

	50 mcg/kg	75 mcg/kg	100 mcg/kg	125 mcg/kg	150 mcg/kg	175 mcg/kg	200 mcg/kg	225 mcg/kg	250 mcg/kg	
<b>kg</b>										<b>lbs</b>
10	3 gtt/min	5 gtt/min	6 gtt/min	8 gtt/min	9 gtt/min	11 gtt/min	12 gtt/min	14 gtt/min	15 gtt/min	22
20	6 gtt/min	9 gtt/min	12 gtt/min	15 gtt/min	18 gtt/min	21 gtt/min	24 gtt/min	27 gtt/min	30 gtt/min	44
30	9 gtt/min	14 gtt/min	18 gtt/min	23 gtt/min	27 gtt/min	32 gtt/min	36 gtt/min	41 gtt/min	45 gtt/min	66
40	12 gtt/min	18 gtt/min	24 gtt/min	30 gtt/min	36 gtt/min	42 gtt/min	48 gtt/min	54 gtt/min	60 gtt/min	88
50	15 gtt/min	23 gtt/min	30 gtt/min	38 gtt/min	45 gtt/min	53 gtt/min	60 gtt/min	68 gtt/min	75 gtt/min	110
60	18 gtt/min	27 gtt/min	36 gtt/min	45 gtt/min	54 gtt/min	63 gtt/min	72 gtt/min	81 gtt/min	90 gtt/min	132
70	21 gtt/min	32 gtt/min	42 gtt/min	53 gtt/min	63 gtt/min	74 gtt/min	84 gtt/min	95 gtt/min	105 gtt/min	154
80	24 gtt/min	36 gtt/min	48 gtt/min	60 gtt/min	72 gtt/min	84 gtt/min	96 gtt/min	108 gtt/min	120 gtt/min	176
90	27 gtt/min	41 gtt/min	54 gtt/min	68 gtt/min	81 gtt/min	95 gtt/min	108 gtt/min	122 gtt/min	135 gtt/min	198
100	30 gtt/min	45 gtt/min	60 gtt/min	75 gtt/min	90 gtt/min	105 gtt/min	120 gtt/min	135 gtt/min	150 gtt/min	220
110	33 gtt/min	50 gtt/min	66 gtt/min	83 gtt/min	99 gtt/min	116 gtt/min	132 gtt/min	149 gtt/min	165 gtt/min	242
120	36 gtt/min	54 gtt/min	72 gtt/min	90 gtt/min	108 gtt/min	126 gtt/min	144 gtt/min	162 gtt/min	180 gtt/min	264
130	39 gtt/min	59 gtt/min	78 gtt/min	98 gtt/min	117 gtt/min	137 gtt/min	156 gtt/min	176 gtt/min	195 gtt/min	286
140	42 gtt/min	63 gtt/min	84 gtt/min	105 gtt/min	126 gtt/min	147 gtt/min	168 gtt/min	189 gtt/min	210 gtt/min	308
150	45 gtt/min	68 gtt/min	90 gtt/min	113 gtt/min	135 gtt/min	158 gtt/min	180 gtt/min	203 gtt/min	225 gtt/min	330