

Vasoactive Medications for Use During a Code

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The following is a list of common medication infusion used during Advanced Cardiac Life Support. They are presented in alphabetical order.

AMIODARONE 450 mg/250 ml (Conc. = 1.8 mg/ml)

Loading Dose = 300 mg slow IVP
Start Infusion Rate = 1 mg/min x 6 hours = 33 ml/hr, then
0.5 mg/min x 18 hours = 17 ml/hr

****This is our standard concentration. The “Amiodarone Kit in the crash cart will provide dosing tools for a 150mg/150 ml bag.****

DOBUTAMINE 500 mg/250 ml (Conc. = 2 mg/ml)

	Dose = mcg/kg/min								
Weight	2.5	5	7	9	11	13	15	17	20
50	4	7.5	11	14	17	20	23	26	30
60	4.5	9	13	16	20	23	27	31	36
70	5	11	15	19	23	27	32	36	42
80	6	12	17	22	26	31	36	41	48
90	7	14	19	24	30	35	41	46	54
100	7.5	15	21	27	33	39	45	51	60

DOPAMINE 400 mg/250 ml (Conc. = 1.6 mg/ml)

	Dose = mcg/kg/min								
Weight	3	5	7	9	11	13	15	17	20
50	6	9	13	17	21	24	28	32	38
60	7	11	16	20	25	29	34	38	45
70	8	13	18	24	29	34	39	45	53
80	9	15	21	27	33	39	45	51	60
90	10	17	24	30	37	44	51	57	68
100	11	19	26	34	41	49	56	64	75

DILTIAZEM 125 mg/125 ml (Conc. = 1 mg/ml)

	Dose = mg/hour								
Dose	2.5	5	7	8	10	12	15	18	20
Rate (ml/hr)	2.5	5	7	8	10	12	15	18	20

ISOPROTERENOL 1 mg/250 ml (Conc. = 0.004 mg/ml = 4 mcg/ml)

	Dose = mcg/min								
Dose	0.5	1	2	4	6	7	8	9	10
Rate (ml/hr)	7.5	15	30	60	90	105	120	135	150

LIDOCAINE 2gm/250 ml (Conc. = 8 mg/ml)

	Dose = mg/min							
Dose	0.5	1	1.5	2	2.5	3	3.5	4
Rate (ml/hr)	4	7.5	11	15	19	23	26	30

NITROGLYCERIN 50 mg/250 ml (Conc. = 0.2 mg/ml = 200 mcg/ml)

	Dose = mcg/min								
Dose	5	10	20	25	30	50	100	150	200
Rate (ml/hr)	1.5	3	6	7.5	9	15	30	45	60

NOREPINEPHRINE 8 mg/250 ml (Conc. = 0.032 mg/ml = 32 mcg/ml)

	Dose = mcg/min								
Dose	3	5	7	10	12	14	16	18	20
Rate (ml/hr)	6	9	13	19	23	26	30	34	38

PHENYLEPHRINE 50 mg/250 ml (Conc. = 0.2 mg/ml = 200 mcg/ml)

	Dose = mcg/min								
Dose	20	40	60	80	100	140	160	180	200
Rate (ml/hr)	6	12	18	24	30	42	48	54	60

PROCAINAMIDE 2 gm/500 ml (Conc. = 4 mg/ml)

	Dose = mg/min								
Dose	0.5	1	1.5	2	2.5	3	3.5	4	6
Rate (ml/hr)	7.5	15	23	30	38	45	53	60	90

VASOPRESSIN 40 Units/100 ml (Conc. = 0.4 Units/ml)

Dose	0.04 Units/min			0.08 Units/min		
Rate (ml/hr)	6			12		