

Dobutamine

Indication: Inotropic support in Cardiogenic shock

Preparation: **250 mg (20ml amp) add to 30ml of saline via syringe pump**

Concentration: 5 mg/ml

Infusion Rate: 2.5 → 10 µg/kg/min – Titrate dose against B.P
Monitor E.C.G

Infusion rate in ml/hr

		W	E	I	G	H	T
		50 Kg	60 Kg	70 Kg	80 Kg	90Kg	
F S O D	2.5µg/min/Kg	1.5 ml / hr	1.8	2.1	2.4	2.7	
	5µg/min/Kg	3.0 ml / hr	3.6	4.2	4.8	5.4	
	7.5µg/min/Kg	4.5 ml / hr	5.4	6.3	7.2	8.1	
	10µg/min/Kg	6.0 ml / hr	7.2	8.4	9.6	10.8	

To use IMED ADD TO 500 ml of saline and multiply rates by 10

Dopamine

DOPAMINE CONTINUOUS INFUSION

using ready made bags of dopamine 400mg in 250mls
(concentration of solution is 1600micrograms per ml)

The infusion rate is stated in mls per hour

Weight kg	Dose (micrograms per kg per minute)																			
	1.0	1.5	2.0	2.5	3.0	3.5	4.0	5.0	6.0	7.0	8.0	9.0	10	15	20					
35	1	2	3	3	4	5	5	7	8	9	11	12	13	20	26					
40	2	2	3	4	5	5	6	8	9	11	12	14	15	23	30					
45	2	3	3	4	5	6	7	8	10	12	14	15	17	25	34					
50	2	3	4	5	6	7	8	9	11	13	15	17	19	28	38					
55	2	3	4	5	6	7	8	10	12	14	17	19	21	31	41					
60	2	3	5	6	7	8	9	11	14	16	18	20	23	34	45					
65	2	4	5	6	7	9	10	12	15	17	20	22	24	37	49					
70	3	4	5	7	8	9	11	13	16	18	21	24	26	39	53					
75	3	4	6	7	8	10	11	14	17	20	23	25	28	42	56					
80	3	5	6	8	9	11	12	15	18	21	24	27	30	45	60					
85	3	5	6	8	10	11	13	16	19	22	26	29	32	48	64					
90	3	5	7	8	10	12	14	17	20	24	27	30	34	51	68					
95	4	5	7	9	11	12	14	18	21	25	29	32	36	53	71					
100	4	6	8	9	11	13	15	19	23	26	30	34	38	56	75					
>100	4	6	8	10	12	14	16	20	24	28	32	35	39	59	79					