VCH-PHC

INTRAVENOUS INFUSION CHART

DRUG	DOBUTamine

STANDARD CONCENTRATION	5 mg/mL

ADMIXTURE	500 mg dobutamine = 40 mL of 12.5 mg/mL solution in 100 mL (total volume) D5W or NS

dose→ mcg/kg/min	1	2	3	4	5	6	7	8	9	10	15	20	25	30	35	40
Pt's weight (kg) ↓	flow rate mL/hour															
40	0.5	1	1	2	2	3	3	4	4	5	7	10	12	14	17	19
45	1	1	2	2	3	3	4	4	5	5	8	11	14	16	19	22
50	1	1	2	2	3	4	4	5	5	6	9	12	15	18	21	24
55	1	1	2	3	3	4	5	5	6	7	10	13	17	20	23	26
60	1	1	2	3	4	4	5	6	6	7	11	14	18	22	25	29
65	1	2	2	3	4	5	5	6	7	8	12	16	20	23	27	31
70	1	2	3	3	4	5	6	7	8	8	13	17	21	25	29	34
75	1	2	3	4	5	5	6	7	8	9	14	18	23	27	32	36
80	1	2	3	4	5	6	7	8	9	10	14	19	24	29	34	38
85	1	2	3	4	5	6	7	8	9	10	15	20	26	31	36	41
90	1	2	3	4	5	6	8	9	10	11	16	22	27	32	38	43
95	1	2	3	5	6	7	8	9	10	11	17	23	29	34	40	46
100	1	2	4	5	6	7	8	10	11	12	18	24	30	36	42	48
105	1	3	4	5	6	8	9	10	11	13	19	25	32	38	44	50
110	1	3	4	5	7	8	9	11	12	13	20	26	33	40	46	53
115	1	3	4	6	7	8	10	11	12	14	21	28	35	41	48	55
120	1	3	4	6	7	9	10	12	13	14	22	29	36	43	50	58
125	2	3	5	6	8	9	11	12	14	15	23	30	38	45	53	60
130	2	3	5	6	8	9	11	12	14	16	23	31	39	47	55	62
135	2	3	5	6	8	10	11	13	15	16	24	32	41	49	57	65
140	2	3	5	7	8	10	12	13	15	17	25	34	42	50	59	67
145	2	3	5	7	9	10	12	14	16	17	26	35	44	52	61	70
150	2	4	5	7	9	11	13	14	16	18	27	36	45	54	63	72

EQUATION FOR CALCULATING FLOW RATE: mL/hour

$$\text{mL/hour} = \frac{\text{dose (mcg/kg/min)} \times \text{weight (kg)} \times 60}{\text{concentration of inf soln (mcg/mL)}}$$

2-Oct-17