

CLINICAL GUIDELINES ID TAG	
Title:	DOBUTAMINE PROTOCOL
Author:	DR M CONNOLLY
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Please note dobutamine is administered as a continuous infusion, through a rate controlled infusion device that should not be interrupted or discontinued abruptly. Dobutamine should be administered through a dedicated central venous line. A peripheral line can be used but must be observed closely for extravasation.

For further information, use the Summary of Product Characteristics or contact Medicines Information (63890/63893)/on-call Pharmacist.

Pharmacy Department, Craigavon Area Hospital

October 2005

Dobutamine Dosage Chart

Dosage chart based on – **250 mg dobutamine in 250 ml glucose 5% or sodium chloride 0.9%** - concentration **1 mg / ml**
Do not use this chart if a different concentration is being used.

To determine the infusion rate (ml / hour);

- Select patient weight on vertical scale
- Select the desired dosage on horizontal scale
- Read off the infusion rate of the body of the table (ml / hour)

Patient Weight (kg)	Dosage Required (microgram / kg / minute)												
	0.5	1	2	3	4	5	6	7	8	9	10	15	20
40 kg	1.2	2.4	4.8	7.2	9.6	12	14.4	16.8	19.2	21.6	24	36	48
45 kg	1.4	2.7	5.4	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27	40.5	54
50 kg	1.5	3	6	9	12	15	18	21	24	27	30	45	60
55 kg	1.7	3.3	6.6	9.9	13.2	16.5	19.8	23.1	26.4	29.7	33	49.5	66
60 kg	1.8	3.6	7.2	10.8	14.4	18	21.6	25.2	28.8	32.4	36	54	72
65 kg	2	3.9	7.8	11.7	15.6	19.5	23.4	27.3	31.2	35.1	39	58.5	78
70 kg	2.1	4.2	8.4	12.6	16.8	21	25.2	29.4	33.6	37.8	42	63	84
75 kg	2.3	4.5	9.0	13.5	18	22.5	27	31.5	36	40.5	45	67.5	90
80 kg	2.4	4.8	9.6	14.4	19.2	24	28.8	33.6	38.4	43.2	48	72	96
85 kg	2.6	5.1	10.2	15.3	20.4	25.5	30.6	35.7	40.8	45.9	51	76.5	102
90 kg	2.7	5.4	10.8	16.2	21.6	27	32.4	37.8	43.2	48.6	54	81	108
95 kg	2.8	5.7	11.4	17.1	22.8	28.5	34.2	39.9	45.6	51.3	57	85.5	114
100 kg	3	6	12	18	24	30	36	42	48	54	60	90	120
105 kg	3.1	6.3	12.6	18.9	25.2	31.5	37.8	44.1	50.4	56.7	63	94.5	126
110 kg	3.3	6.6	13.2	19.8	26.4	33	39.6	46.2	52.8	59.4	66	99	132
115 kg	3.4	6.9	13.8	20.7	27.6	34.5	41.4	48.3	55.2	62.1	69	103.5	138
120 kg	3.6	7.2	14.4	21.6	28.8	36	43.2	50.4	57.6	64.8	72	108	144

For example: for a 70 kg patient, requiring 5 microgram / kg / minute, run infusion at 21 ml / hour.

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