

DOBUTAMINE

Form: 250mg per 20ml vial

Reconstitution: Already in solution
Further dilution required prior to administration

Administration: Continuous IV infusion

Method:

For **1mg/ml** solution: Add 500mg (40ml) to 460ml compatible fluid.

Infusion Rate in mls per hour (ml/hr) is:

Dose mcg/kg /min	Wt (Kg)											
	45	50	55	60	65	70	75	80	85	90	95	100
2.5	7	7.5	8	9	10	10.5	11	12	13	13.5	14	15
5.0	13.5	15	16.5	18	19.5	21	22.5	24	25.5	27	28.5	30
7.5	20	22.5	25	27	29	31.5	34	36	38	40.5	43	45
10	27	30	33	36	39	42	45	48	51	54	57	60

For **2mg/ml** solution: Add 1000mg (80ml) to 420ml compatible fluid.

Infusion rate in mls per hour (ml/hr) is:

Dose mcg/kg /min	Wt (Kg)											
	45	50	55	60	65	70	75	80	85	90	95	100
2.5	3	4	4	4.5	5	5	5.5	6	6	7	7	7.5
5.0	7	7.5	8	9	10	10.5	11	12	13	13.5	14	15
7.5	10	11	12	13.5	15	16	17	18	19	20	21	22.5
10	13.5	15	16.5	18	19.5	21	22.5	24	25.5	27	28.5	30

These monographs should be used in conjunction with the drug data sheet and current BNF.

For further information contact Pharmacy Department on 22542 or 22146.

Pharmacy Department, December 2010, Amended March 2013.

Combined CUH Wards & HDU IV Guidelines and Paediatric Antimicrobial Guidelines developed for ED, CUH, May 2015

DOBUTAMINE (continued)

Compatibility & Stability:

Sodium Chloride 0.9%
Glucose 5%

Diluted solutions are stable for 24 hours at room temperature.

Special Notes:

1. Solutions may turn pink due to oxidation of the drug. There is no significant loss of potency during recommended storage and administration periods.
2. Haemodynamic monitoring is required.
3. An infusion pump or other infusion control device should be used to control the flow rate.
4. Concentrations greater than 5mg/ml should be given centrally –REFER TO ITU FOR GUIDANCE.