

DOPAMINE

Form:	200mg per 5ml ampoules
Reconstitution:	Already in solution Further dilution is required before administration
Administration:	Continuous IV infusion
Method:	For peripheral administration, add 800mg (20ml) dopamine to 480ml of compatible infusion fluid to give 1.6mg/ml solution. Administer via a large vein.

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

Dose mcg/kg/m in	Wt (Kg)											
	45	50	55	60	65	70	75	80	85	90	95	100
2	3.4	3.8	4.1	4.5	4.9	5.3	5.6	6.0	6.4	6.8	7.1	7.5
2.5	4.2	4.7	5.2	5.6	6.1	6.6	7.0	7.5	8.0	8.4	8.9	9.4
3	5.1	5.6	6.2	6.8	7.3	7.9	8.4	9.0	9.6	10. 1	10. 7	11. 3
4	6.8	7.5	8.3	9.0	9.8	10. 5	11. 3	12. 0	12. 8	13. 5	14. 3	15. 0
5	8.4	9.4	10. 3	11. 3	12. 2	13. 1	14. 1	15. 0	15. 9	16. 9	17. 8	18. 8
7.5	12. 7	14. 1	15. 5	16. 9	18. 3	19. 7	21. 1	22. 5	23. 9	25. 3	26. 7	28. 1
10	16. 9	18. 8	20. 6	22. 5	24. 4	26. 3	28. 1	30. 0	31. 9	33. 8	35. 6	37. 5

Compatibility &

Stability: Sodium Chloride 0.9%
Glucose 5%

Special Notes:

1. If treated with MAOI's, starting dose is one-tenth of normal.
2. Extravasation can produce local vasoconstriction when administered peripherally.
3. ECG monitoring is recommended for rates greater than 3mcg/kg/min.

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

DOPAMINE (Continued)

4. Side effects include headache, nausea and vomiting, hypertension, tachyarrhythmia, peripheral vasoconstriction.
5. Solutions containing greater than 2mg/ml Dopamine must be given centrally – REFER TO ITU FOR GUIDANCE.