

DOPAMINE INTRAVENOUS INFUSION

Indication	Inotropic support in infarction																				
Dose	Usual dose 2.5–10 micrograms/kg/minute, adjusted according to response. (doses up to a maximum of 50 microgram/kg/min can be used if required - increase gradually in 5-10micrograms/kg/minute increments.)																				
Preparation	Can be diluted in sodium chloride 0.9% or glucose 5% For peripheral use: 1600micrograms per mL = 400mg in 250mLs (max concentration peripherally) <ul style="list-style-type: none"> • Withdraw 10mLs of fluid from a 250mL bag of glucose 5% or sodium chloride 0.9% • Draw up 10mL of dopamine (200mg in 5mLs) and add to the bag FOR CENTRAL USE ONLY: 3200 micrograms per mL = 800mg in 250mLs <ul style="list-style-type: none"> • Withdraw 20mLs of fluid from a 250mL bag of glucose 5% or sodium chloride 0.9% • Draw up 20mLs of dopamine (200mg in 5mLs) and add to the bag 																				
Administration	<ul style="list-style-type: none"> - Standard strength solutions may be given via peripheral or central line using the Evo IQ Baxter pump. - High strength solutions must only be infused via a central line. <p>When stopping the infusion, reduce the rate of infusion gradually and closely monitor BP.</p>																				
Shelf-life	Shelf-life 24hours at room temperature																				
Sample Label	<table border="1" style="width: 100%; background-color: #ffff00;"> <tr> <th colspan="4" style="text-align: center;">DRUGS ADDED TO THIS INFUSION</th> </tr> <tr> <td colspan="3">PATIENT <i>A. Patient (A. Number)</i></td> <td>WARD <i>CCU</i></td> </tr> <tr> <td>DRUG <i>Dopamine in 250mL Glucose 5%</i></td> <td>AMOUNT <i>400mg</i></td> <td>ADD BY</td> <td>CHECKED BY</td> </tr> <tr> <td>DATE ADDED TIME ADDED</td> <td>EXP. DATE EXP. TIME</td> <td colspan="2">BATCH No.</td> </tr> <tr> <td colspan="4" style="text-align: center;">DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS</td> </tr> </table>	DRUGS ADDED TO THIS INFUSION				PATIENT <i>A. Patient (A. Number)</i>			WARD <i>CCU</i>	DRUG <i>Dopamine in 250mL Glucose 5%</i>	AMOUNT <i>400mg</i>	ADD BY	CHECKED BY	DATE ADDED TIME ADDED	EXP. DATE EXP. TIME	BATCH No.		DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS			
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Written by Dominic Moore (Advanced Pharmacist –Specialist Medicine) August 2016
Reviewed by Hester Smail (Advanced Pharmacist - Cardiology) November 2023

Approved by Dr Damian Kelly – Lead Cardiologist
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References

Summary of Product Characteristics. <http://www.emc.medicines.org.uk>. Accessed August. 2016