

Phenylephrine (Derby ONLY)																					
Indication	Epidural related hypotension																				
Dose	Start at a rate of 400 micrograms per hour. Usual dose range is 0 – 2mg per hour titrated according to keep Mean Arterial Pressure OVER 60. Maximum dose is 4mg per hour with consultant approval.																				
Preparation	Phenylephrine ampoules contain a solution of 10mg/ml. 1. Draw up 2ml of phenylephrine using a filter needle. 2. Add to a 500ml bag of sodium chloride 0.9%. <i>(This creates a concentration of 40microgram/ml)</i>																				
Administration	Continuous infusion through a peripheral or central line																				
Shelf-life	24 hours at room temperature																				
Common Compatibility Issues	Phenylephrine should be run through a dedicated lumen for the duration of the infusion																				
Additional information	The standard dilution used within UHDB is unlicensed. The licensed dilution, available in the SPC, is 10mg/500ml (20microgram/ml). Phenylephrine can be used on ICU for treatment of hypotension whilst awaiting placement of a central line, or where a central line cannot be placed. On Step Down (208) phenylephrine is the vasopressor of choice for epidural related hypotension.																				
Sample Label	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="background-color: yellow;">DRUGS ADDED TO THIS INFUSION</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="font-size: small;">PATIENT <i>A. Patient (A. Number)</i></td> <td style="font-size: small;">WARD <i>208/ICU</i></td> </tr> <tr> <td style="font-size: small;">DRUG <i>Phenylephrine in 500ml sodium chloride 0.9%</i></td> <td style="font-size: small;">AMOUNT <i>20mg (40mcg/ml)</i></td> <td style="font-size: small;">ADD BY</td> <td style="font-size: small;">CHECKED BY</td> </tr> <tr> <td style="font-size: small;">DATE ADDED TIME ADDED</td> <td style="font-size: small;">EXP. DATE EXP. TIME</td> <td colspan="2" style="font-size: small;">BATCH No.</td> </tr> <tr> <td colspan="4" style="text-align: center; background-color: yellow;">DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS</td> </tr> </tbody> </table>	DRUGS ADDED TO THIS INFUSION				PATIENT <i>A. Patient (A. Number)</i>			WARD <i>208/ICU</i>	DRUG <i>Phenylephrine in 500ml sodium chloride 0.9%</i>	AMOUNT <i>20mg (40mcg/ml)</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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Documentation Controls

Development of Guideline:	Pharmacist – Critical Care & Theatres
Consultation with:	Pharmacy Department, Critical Care Nursing & Medical teams
Approved By:	Adult Drug Monograph Process Written/Reviewed by Joshua Dhamrait December 2023 Checked By Munthar Miah December 2023
Review Date:	December 2026
Key contact:	Pharmacist – Critical Care & Theatres

References

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***** End of Monograph *****