

Labetalol

Indication	Hypertensive crisis/ urgency Hypertension of pregnancy																						
Dose	<p>Hypertensive crisis 15-120mg per hour adjusted to clinical response “Stat” doses of 50mg IV can be given if necessary</p> <p>Hypertension of pregnancy 20mg per hour adjusted to clinical response Maximum rate 160mg per hour</p>																						
Preparation	Labetalol is available in 20ml vials (containing 5mg/ml) <p>For slow intravenous injection Draw up the required volume of labetalol through a filter needle and give over 2 minutes.</p> <p>For continuous infusion 5mg in 1ml solution Draw up 40ml of labetalol solution into a 50ml syringe using a filter needle.</p>																						
Administration	Labetalol should be given via a central line it can be given peripherally however this is local practice and off label use.																						
Shelf-life	24 hours either in a refrigerator or room temperature																						
Common Compatibility Issues	Labetalol is considered compatible with fentanyl at concentrations normally used in DHFT ICU. See unit compatibility chart for more information.																						
Additional information	Labetalol can cause hepatic damage and should be discontinued if unexplained rises in LFT occur. The solution may sometimes appear slightly yellow once made up. This is normal and does not indicate a defect in the product.																						
Sample Label	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: yellow;"> <th colspan="4" style="text-align: center;">DRUGS ADDED TO THIS INFUSION</th> </tr> </thead> <tbody> <tr> <td colspan="3"> PATIENT <i>A. Patient (A. Number)</i> </td> <td style="text-align: center;"> WARD <i>ICU</i> </td> </tr> <tr> <td> DRUG <i>Labetalol</i> <i>in 40ml (Neat)</i> </td> <td> AMOUNT <i>200mg</i> <i>(5mg/ml)</i> </td> <td style="text-align: center;"> ADD BY </td> <td style="text-align: center;"> CHECKE BY </td> </tr> <tr> <td> DATE ADDED TIME ADDED </td> <td> EXP. DATE EXP. TIME </td> <td colspan="2" style="text-align: center;"> BATCH No. </td> </tr> <tr style="background-color: yellow;"> <td colspan="4" style="text-align: center;">DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS</td> </tr> </tbody> </table>			DRUGS ADDED TO THIS INFUSION				PATIENT <i>A. Patient (A. Number)</i>			WARD <i>ICU</i>	DRUG <i>Labetalol</i> <i>in 40ml (Neat)</i>	AMOUNT <i>200mg</i> <i>(5mg/ml)</i>	ADD BY	CHECKE BY	DATE ADDED TIME ADDED	EXP. DATE EXP. TIME	BATCH No.		DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS			
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For review August 2023

Documentation Controls

Development of Guideline:	Pharmacist – Critical Care & Theatres
Consultation with:	Pharmacy Department
Approved By:	ICU Sister's Meeting June 2023 ICU Risk & Quality Meeting August 2023 Surgical Division
Review Date:	August 2026
Key contact:	Pharmacist – Critical Care & Theatres

References

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