

## Glyceryl Trinitrate (GTN)

<b>Indication</b>	Short term control of hypertension Left Ventricular Failure																				
<b>Dose</b>	0 – 12mg per hour Start at 0.6mg per hour and titrate up by 1mg per hour every 15-30minutes.																				
<b>Preparation</b>	GTN is provided as a 50mg per 50ml (1mg/ml) solution. Draw up 50ml of GTN into a syringe.																				
<b>Administration</b>	GTN can be given by either peripheral or central line																				
<b>Shelf-life</b>	24hours at room temperature																				
<b>Common Compatibility Issues</b>	GTN is considered compatible with dobutamine, furosemide and labetalol using standard DHFT concentrations. Please see unit compatibility chart for more information.																				
<b>Additional information</b>	Dosage can be increased until desired effect achieved or the patient reports headaches (main side effect.)  The body becomes tolerant to GTN after 2-3days so therapy is usually switched to a different agent.																				
<b>Sample Label</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center; background-color: yellow;">DRUGS ADDED TO THIS INFUSION</th> </tr> </thead> <tbody> <tr> <td colspan="3">PATIENT <i>A. Patient (A. Number)</i></td> <td>WARD <i>ICU</i></td> </tr> <tr> <td>DRUG <i>Glyceryl Trinitrate (GTN)</i></td> <td>AMOUNT <i>50mg in 50ml</i></td> <td>ADDED BY</td> <td>CHECK 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; 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>ICU</i>	DRUG <i>Glyceryl Trinitrate (GTN)</i>	AMOUNT <i>50mg in 50ml</i>	ADDED BY	CHECK BY	DATE ADDED TIME ADDED	EXP. DATE EXP. TIME	BATCH No.		DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS			
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FOR REVIEW APRIL 2026

## 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:	April 2026
Key contact:	Pharmacist – Critical Care & Theatres

## References

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