

Salbutamol

Indication	Asthma or other reversible airways obstruction																		
Dose	<p>Loading Dose 250microgram (given from 500microgram/ml injection) given by slow IV bolus (at least over 3 minutes)</p> <p>Maintenance Dose Initially 5microgram per minute Normal range: 3-20microgram per minute</p>																		
Preparation	<p>Salbutamol ampoules contain 1mg/ml salbutamol</p> <p>10microgram per ml</p> <ol style="list-style-type: none"> 1. Withdraw 5ml from a 500ml bag of glucose 5% 2. Draw up 5ml of salbutamol using a filter needle 3. Add to the glucose bag using a new needle <p>200microgram per ml</p> <ol style="list-style-type: none"> 1. Draw up 10ml salbutamol into a 50ml syringe <p>Make up to 50ml with glucose 5%</p>																		
Administration	<p>10microgram per ml Can be infused via a peripheral or central line using the program on the VP7000 volumetric pump</p> <p>200microgram per ml Can be infused via central line only using the program on the SP6000 syringe pump</p>																		
Shelf-life	24hours stored at room temperature																		
Common Compatibility Issues	<p>Salbutamol should have a dedicated lumen for infusion.</p> <p>Sodium Chloride 0.9% is also a suitable diluent.</p>																		
Additional information	Salbutamol can cause significant hypokalaemia and tachycardia (monitor heart rate)																		
Sample Label	<p style="text-align: center;">DRUGS ADDED TO THIS INFUSION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">PATIENT <i>A. Patient (A. Number)</i></td> <td colspan="2">WARD <i>ICU</i></td> </tr> <tr> <td>DRUG <i>Salbutamol</i> <i>in yml glucose 5%</i></td> <td>AMOUNT <i>xmg</i> <i>(...mg/ml)</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>			PATIENT <i>A. Patient (A. Number)</i>		WARD <i>ICU</i>		DRUG <i>Salbutamol</i> <i>in yml glucose 5%</i>	AMOUNT <i>xmg</i> <i>(...mg/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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For review December 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:	December 2026
Key contact:	Pharmacist – Critical Care & Theatres

References

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*** End of Monograph ***