

## SALBUTAMOL

<b>PRESENTATION:</b>	Ampoules containing 5mg in 5ml, (1mg/ml) of salbutamol
<b>INDICATION:</b>	Treatment of acute severe bronchospasm.
<b>DOSE AND ADMINISTRATION:</b>	<p><b>ICU STANDARD INTRAVENOUS INFUSION</b></p> <p>Dilute 10mg (10ml) of salbutamol with 490ml of glucose 5%.</p> <p>Dose: 3 – 20 micrograms/minute, 180-1200 micrograms/ hour.</p> <p>Rate: 9 – 60 ml/hour, titrated to effect.</p> <p>Higher doses have been used with success in patients with respiratory failure.</p> <p>Salbutamol has a low pH and may cause venous irritation and tissue damage in cases of extravasation. If a central venous access device is unavailable, administer via a large peripheral vein monitoring insertion site closely.</p>
<b>CONCENTRATION:</b>	20 micrograms/ml
<b>STABILITY:</b>	Physically and chemically stable for 24 hours.
<b>ADDITIONAL NOTES:</b>	Preferred diluent is glucose 5% but also stable in sodium chloride 0.9%.

### References

- Summary of Product Characteristics - Ventolin Solution for intravenous infusion. Accessed via <https://www.medicines.org.uk/emc/product/853/smpc> on 02/12/20. Last revised 14/10/19.
- Minimum infusion volumes for fluid restricted critically ill patients. Critical Care Group. UKCPA. 4<sup>th</sup> Edition 2012.
- Injectable Medicines Guide – Salbutamol. Accessed on 02/12/20. Last reviewed 06/12/19.

<b>Title:</b> Salbutamol	
<b>ID:</b> TOPG140612v1	<b>Lead Author:</b> Claire Hannah, Maxine Angus.
<b>Category:</b> 1	<b>Document Version;</b> 4
<b>Status Draft/Final:</b> Final	<b>Review Date :</b> December 2022
<b>Authoriser;</b> Lothian Critical Care QIT Editorial Board	<b>Date Authorisation:</b> December 2020
<b>Date added to intranet:</b> February 2021	
<b>Key Words;</b>	
<b>Comments;</b>	