

SALBUTAMOL

PRESENTATION:	Ampoules containing 5mg in 5ml, (1mg/ml) of salbutamol
INDICATION:	Treatment of acute severe bronchospasm.
DOSE AND ADMINISTRATION:	<p>ICU STANDARD INTRAVENOUS INFUSION</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>
CONCENTRATION:	20 micrograms/ml
STABILITY:	Physically and chemically stable for 24 hours.
ADDITIONAL NOTES:	Preferred diluent is glucose 5% but also stable in sodium chloride 0.9%.

References

1. Summary of Product Characteristics - Ventolin Solution for intravenous infusion. Accessed via <https://www.medicines.org.uk/emc/product/853/smp> on 13/04/22. Last updated 07/01/2022.
2. Minimum infusion volumes for fluid restricted critically ill patients. Critical Care Group. UKCPA. 4th Edition 2012.
3. Medusa, Injectable Medicines Guide – Salbutamol. Accessed on 13/04/2023. Last updated on 13/08/2021

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