

Salbutamol

CAUTION: High Administration Risk Rating when administered as INFUSION	
Form	Ampoule containing 500 micrograms in 1mL Solution for Injection Ampoule containing 5mg in 5mL Solution for Infusion (ITU only)
Reconstitution	Already in Solution <ul style="list-style-type: none"> Draw up using a 5 micron filter needle Use gloves when opening ampoules Dilute further prior to administration
Compatibility & Stability	Sodium Chloride 0.9% Glucose 5%
Administration	<p>IV Injection: using 500micrograms in 1mL injection preparation. Withdraw 0.5mL (250micrograms) from ampoule and dilute to 5mL with WFI, give over 3 - 5 minutes.</p> <p>IV Infusion: using 5mg in 5mL solution for infusion preparation. Draw up the contents of two ampoules (10mg) into a syringe and dilute to 50mL with compatible fluid. This gives a 200microgram/mL solution (Unlicensed dilution). Preferably administer via a central venous access device to avoid potential venous irritation. If given peripherally, choose a large vein and monitor the injection site closely.</p> <p>IM injection Use 500 microgram/mL strength. No dilution required.</p> <p>SC injection Use 500 microgram/mL strength. No dilution required.</p>
Monitoring	<ul style="list-style-type: none"> Monitor potassium levels (decrease in serum potassium which increases the risk of arrhythmias). Monitor blood glucose and lactate levels, especially in patients with diabetes. ECG monitoring is required when a patient is on salbutamol infusion.
Adverse Drug Reactions	Hypersensitivity reactions including angioedema, urticaria, bronchospasm, hypotension and collapse: monitor blood pressure.
Extravasation	Extravasation is likely to cause tissue damage due to low pH.
Additional Information	For obstetric patients refer to CUMH guidelines or the Pharmacy Department

Information provided relates to Ventolin® manufactured by GlaxoSmithKline

This information has been summarised to act as a guide for those administering IV medication. The monograph should be used in conjunction with the drug data sheet and BNF for information on dose, adverse effects, cautions and contra-indications. Further information is available from Pharmacy on 22146 or 22542