

salbutamol

Trade Name:	Ventolin
Class Sympathomimetic bronchodilator	EMS Indications Bronchospasm
Adult Dosage MDI	1 puff Metered Dose Inhaler (MDI) (100 mcg/puff) with spacer
Repeat (Adult) MDI	q 30-60 seconds prn to a maximum of 30 puffs
Adult Dosage Nebulized	5 mg nebulized
Repeat (Adult) Nebulized	Continuous prn
Pediatric Dosage MDI	1 puff MDI (100 mcg/puff) with spacer
Repeat (Pediatric) MDI	
Patient less than 20 kg:	q 30-60 seconds prn to a maximum of 15 puffs
Patient greater than 20 kg:	q 30-60 seconds prn to a max of 30 puffs if no improvement prn
Pediatric Dosage Nebulized	
Patient less than 20 kg:	2.5 mg nebulized
Patient greater than 20 kg:	5 mg nebulized
Repeat (Pediatric) Nebulized	
Patient less than 20 kg:	prn to a maximum of 7.5 mg
Patient greater than 20 kg:	prn to a maximum of 15 mg
EMS Contraindications	<ul style="list-style-type: none"> • Hypersensitivity • Tachydysrhythmias
Who can administer this medication?	<ul style="list-style-type: none"> • PCP • (Assist with patient's own inhaler) SFA, FMR, EMR

Notes

- Coaching family or patient to administer medication following initial dose may be beneficial.
- Invert canister numerous times prior to administration of each puff.
- Depress canister three times; directed away from patient prior to administration.
- Deliver puff of medication as patient begins to inhale.
- MDI requires 30 second minimum recharge time between puffs.
- Alternate single puffs with ipratropium bromide during recharge period.
- Administer salbutamol MDI using a bag valve mask (BVM) if there are enough qualified practitioners available.
- Patients may need to be coached to breathe with the NRB/nebulizer mask, showing them where and how to help hold the mask to their face may help them feel more at ease.
- Geriatric patients may have a more comfortable fit with a pediatric-sized nebulizer mask. The nose piece should not be digging into their eyes/forehead.
- If also treating patient with ipratropium bromide, it can be mixed in the same nebulized treatment.