

Levalbuterol Tartrate (Xopenex)

Classification:	Bronchodilator
Actions:	Relaxes bronchial smooth muscle by stimulating beta ₂ receptors resulting in bronchodilation
Indications:	<ul style="list-style-type: none"> • Acute asthma • Allergic reaction • COPD/bronchitis • Bronchospasm
Contraindications:	<ul style="list-style-type: none"> • Prior hypersensitivity reaction to Levalbuterol • Symptomatic tachycardia • Chest pressure
Adverse effects:	<ul style="list-style-type: none"> • Tachycardia • Hypertension • Palpitations • Dizziness • Dysrhythmias • Restlessness • Nausea
Adult Administration:	<p><u>Bronchospasm COPD:</u> 1.25 mg/3 mL NS via nebulizer. If severe distress persists, initiate continuous Levalbuterol via nebulizer, not to exceed 10 mg/hr. May also be administered via facemask, BVM, or ETT.</p> <p><u>Crush Syndrome/Suspension Injuries:</u> 2.5 mg in 6 ml NS via nebulizer. Run continuously before and after extrication.</p>
Pediatric Administration:	<p><u>Bronchospasm:</u> 1.25 mg in 3 mL NS via nebulizer. If severe distress persists repeat at 0.5 mg/kg hr to a maximum of 10 mg/hr.</p> <p><u>Crush Syndrome/Suspension Injuries:</u> < 2 years old: 1.25 mg in 3 mL of NS/SW. > 2 years old: 2.5 mg in 6 ml NS via nebulizer. Run continuously before and after extrication.</p>
Onset:	Within 5 minutes
Duration:	3 - 4 hours
Pregnancy Safety:	Category C
Comments:	<p>Use with caution in patients with:</p> <ul style="list-style-type: none"> • Heart disease • Hypertension • Tachydysrhythmias • Patients being treated with MAO inhibitors • Patients that are hypersensitive to sympathomimetics