

## Levalbuterol Tartrate (Xopenex)

<b>Classification:</b>	Bronchodilator
<b>Actions:</b>	Relaxes bronchial smooth muscle by stimulating beta <sub>2</sub> receptors resulting in bronchodilation
<b>Indications:</b>	<ul style="list-style-type: none"><li>• Acute asthma</li><li>• Allergic reaction</li><li>• COPD/bronchitis</li><li>• Bronchospasm</li></ul>
<b>Contraindications:</b>	<ul style="list-style-type: none"><li>• Prior hypersensitivity reaction to Levalbuterol</li><li>• Symptomatic tachycardia</li><li>• Chest pressure</li></ul>
<b>Adverse effects:</b>	<ul style="list-style-type: none"><li>• Tachycardia</li><li>• Hypertension</li><li>• Palpitations</li><li>• Dizziness</li><li>• Dysrhythmias</li><li>• Restlessness</li><li>• Nausea</li></ul>
<b>Adult Administration:</b>	<p><b>Bronchospasm COPD:</b> 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><b>Crush Syndrome/Suspension Injuries:</b> 2.5 mg in 6 ml NS via nebulizer. Run continuously before and after extrication.</p>
<b>Pediatric Administration:</b>	<p><b>Bronchospasm:</b> 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><b>Crush Syndrome/Suspension Injuries:</b> &lt; 2 years old: 1.25 mg in 3 mL of NS/SW. &gt; 2 years old: 2.5 mg in 6 ml NS via nebulizer.</p> <p>Run continuously before and after extrication.</p>
<b>Onset:</b>	Within 5 minutes
<b>Duration:</b>	3 - 4 hours
<b>Pregnancy Safety:</b>	Category C
<b>Comments:</b>	Use with caution in patients with: <ul style="list-style-type: none"><li>• Heart disease</li><li>• Hypertension</li><li>• Tachydysrhythmias</li><li>• Patients being treated with MAO inhibitors</li><li>• Patients that are hypersensitive to sympathomimetics</li></ul>