

# Albuterol (Pro-Air, Proventil, Ventolin)

## Adult Airway Reactive Airway Disease Adult Medical Anaphylaxis Pediatric Airway Reactive Airway Disease

<b>B</b>	<b>Adult &gt;2yo</b>	5 mg Nebulized, repeat as needed if VS permit
	<b>Pediatric &lt;2yo</b>	2.5 mg Nebulized, repeat as needed if VS permit <a href="#">Weight Based Pediatric Dosing Chart Link</a>

## Adult Medical Hyperkalemia

<b>P</b>	<b>Adult &gt;2yo</b>	15 mg Nebulized
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### **Class:**

- Beta2-agonist

### **Description of Use:**

- Stimulates Beta2-adrenergic receptors in lungs, resulting in relaxation of bronchial smooth muscle
- Relieves bronchospasm and reduces airway resistance
- In hyperkalemia, helps drive K+ intracellular
- Only a temporary fix, dialysis is needed

### **Pharmacokinetics:**

- Onset: 5-15 min
- Half-life: 2-5 hrs

### **Special Populations:**

- Pregnancy Class: C
- Pediatrics: Safety and efficacy not established in those younger than 2 years
- Elderly: May be more sensitive to tremor or tachycardia due to age-related increased sympathetic sensitivity

### **Contraindications:**

- History of hypersensitivity to sympathomimetics.
- Caution: Caution w/ CV disorders (eg, coronary insufficiency, cardiac arrhythmias, HTN), convulsive disorders, hyperthyroidism, diabetes mellitus (DM), and in patients unusually responsive to sympathomimetic amines

### **Adverse reactions:**

- Tremors, nervousness, headache, tachycardia, dizziness, palpitations, bronchospasm, Nausea  
Cough, Bronchitis