

**ALBUTEROL (Proventil®, Ventolin®)**

**Classification:** Bronchodilator (Beta 2 specific)

**Actions:**

1. Relaxes bronchial smooth muscle
2. Decreases airway resistance

**Indications:**

1. Respiratory distress with wheezes/bronchospasm
2. Anaphylaxis with or without shock
3. SOB due to COPD or asthma

**Contraindications:** **Known hypersensitivity to Albuterol**

**Adverse Effects:**

**Neurological**

Tremors  
Headache/dizziness  
Sweating  
Anxiety

**Cardiovascular**

Tachycardia  
Hypertension  
Dysrhythmias  
Palpitations

**Gastrointestinal**

Nausea/vomiting

**Administration:**

**ADULT DOSE**

2.5-5 mg via HHN/mask/BVM with adjunct over 5-10 minutes, repeat as needed

**PEDIATRIC DOSE**

2.5-5 mg via HHN/mask/BVM with adjunct over 5-10 minutes, repeat as needed.

**Onset:** 5-15 minutes

**Duration:** 4-6 hours

**Notes:**

- Beta blocking agents inhibit the effects of Albuterol.
- Albuterol should be administered with oxygen, and be sure to closely monitor the patient's vital signs and cardiac status.