

# Albuterol

## GENERIC NAME

Albuterol

## TRADE NAME

Proventil, Ventolin

## CLASS

Sympathetic Agonist

## HOW SUPPLIED

Pre-mixed vial: 2.5 mg in 3 mL saline

## INDICATIONS

- Based on patient condition, paramedics may consider any of the dosing regimens listed below.
- Wheezing or diminished breath sounds due to acute bronchospasm (Asthma, COPD)
- Bronchospasm associated with chronic bronchitis, emphysema, allergic reaction, or toxic inhalation

## CONTRAINDICATIONS

- Hypersensitivity or allergy to Albuterol

## MECHANISM OF ACTION

Albuterol causes bronchodilation with minimal side effects. The duration of action is approximately 5 hours.

## SIDE EFFECTS

- Palpitations

- Anxiety
- Dizziness
- Headache
- Nervousness
- Tremor
- Hypertension
- Arrhythmias
- Chest pain
- Nausea and vomiting

## AUTHORIZATION

**EMT:** Standing Order

**AEMT:** Standing Order

**Paramedic:** Standing Order

## DOSAGE

- **All Patients:**
  - **1st Dose:** Albuterol 2.5 mg via nebulizer
  - **2nd Dose:** Albuterol 2.5 mg and Atrovent 500 mcg via nebulizer
  - **3rd Dose:** Albuterol 7.5 mg and Atrovent 500 mcg via nebulizer or BVM with in-line nebulizer

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