



Yolo County Emergency Medical Services Agency

Quick Reference

Revised Date: December 14, 2018

Medication Profile

Albuterol
(Ventolin, Proventil)

Class:

Bronchodilator/Beta₂ Agonist
Sympathomimetic/Sympathetic Agonist

Action:

Albuterol works by causing relaxation of the bronchial smooth muscle in the bronchial tree and stimulates adrenergic receptors of the sympathetic nervous system. Beta₂ selective.

Onset: 5-15 minutes

Peak: 1-1.5 hours

Duration: 3-4 hours

Indications:

Bronchospasm associated with reactive airway disease or acute attacks of bronchospasm (i.e., COPD, asthma, and allergic reactions).
Hyperkalemia associated with crush injury

Contraindications:

Hypersensitivity/allergy

Side Effects:

CV: Tachycardia, hypertension, palpitations
CNS: Tremulousness, anxiety, headache, restlessness

Notes:

- Supplemental continuous oxygen should be given in all patients receiving albuterol.

This document is not a substitute for Protocols and Procedures.

Effective Date: January 1, 2019

Page 1 of 1