Medication Formulary

**Generic Name:** Albuterol Sulfate

**Brand Names:** Proventil, Ventolin

**Class:** Sympathomimetic, $\beta_{2}$ Bronchodilator

**Actions:** Relaxes smooth muscles of the bronchial tree and peripheral vasculature by stimulating $\beta_{2}$ adrenergic receptors (also may have mild $\beta_{1}$ effects).

**Onset:** 5-15 minutes following inhalation

**Duration:** 3-4 hours

**Indications:** To relieve bronchospasm due to COPD and toxic inhalation.

**Contraindications:** Hypersensitivity and tachydysrhythmias.

**Side Effects:** Tachydysrhythmias, anxiety, vertigo, palpitations, restlessness, angina.

**Interactions:** With some antidepressant may potentiate effects on vasodilation. Beta blockers may antagonize Albuterol.

**Administration Routes:** Inhaled