Albuterol (PROVENTIL®, VENTOLIN®)

Class: Bronchodilator, Sympathomimetic

Actions: ß agonist (primarily $ß_2$) – relaxes bronchial smooth muscle, resulting in bronchodilation. Also relaxes vascular and uterine smooth muscle.

Rx: Treatment of bronchospasm from emphysema or asthma.

Contra: Known hypersensitivity to the drug, symptomatic tachycardia.

SE: Palpitations, anxiety, headache, nausea & vomiting, tremors, paradoxical bronchospasm.

Dosage: Given via small-volume nebulizer. 0.5 ml (2.5 mg) in 2.5 ml normal saline over 5-10 minutes.

Peds: 0.03 ml/kg nebulized. May give adult dose as a blow-by.

Notes: Antagonized by ß-blockers (i.e. Inderal, Lopressor).

Supplied in SVMCA Drug Box: 2.5 mg/ 3 ml bottle (pre-mixed)