

Atrovent

Generic Name: Ipratropium Bromide
Trade Name: Atrovent
Classification: anti-cholinergic, bronchodilator
Supplied: 250 mcg, 500 mcg in 2.5 ml nebule, MDI 20 mcg/spray, Combivent (Ventolin 2.5 mg/Atrovent 500 mcg)
<p>Actions (Pharmacodynamics): Inhibits cholinergic receptors in the bronchial smooth muscle, resulting in decreased concentrations of cyclic guanosine monophosphate (cyclic GMP). Decreased levels of cyclic GMP produce local, not systemic, bronchodilation</p>
Indications: bronchospasm in asthma, chronic bronchitis and emphysema
<p>Dosage: Adult: 250 –500 mcg via nebulizer with Salbutamol (mixed) repeat up to two times if necessary *Note: Normally only 1-2 doses in other conditions (e.g. emphysema, chronic bronchitis) Combivent: 2.5 – 5.0 ml nebule – repeat q 10 minutes prn (not to exceed max dose for Atrovent) MDI: minimum 1- 4 puffs prn; max 10 (give after salbutamol; ipratropium has a much slower onset of action) MDI: minimum 2 puff prn; max 4 (give after salbutamol; ipratropium has a much slower onset of action) *Note: <u>safety and efficacy in children under 12 years of age haven't been established.</u></p>
Route: Nebulizer or metered dose inhaler
<p>Contraindications:</p> <ul style="list-style-type: none"> • Hypersensitivity to drug or atropine or its derivatives
<p>Precautions:</p> <ul style="list-style-type: none"> • Hypersensitivity to soy lecithin or related food products (soybeans, peanuts) • Patients with narrow angle glaucoma • Be careful to avoid accidental release into the eyes (use mouth piece neb if possible)