

## ATROVENT (IPRATROPIUM)

### Indications:

- Respiratory Distress (Bronchial asthma, reversible bronchospasm associated with chronic bronchitis and emphysema),
- Drowning
- Organophosphate Exposure (hypersalivation)

### Contraindications:

- Known hypersensitivity

### Precautions:

- Use caution when administering this drug to elderly patients and those with cardiovascular disease or hypertension

### Side effects:

- Palpitations
- Anxiety
- Dizziness
- Headache
- Nervousness
- Tremor
- Hypertension
- Arrhythmias
- Chest pain
- Nausea/Vomiting

**Class:** Anticholinergic

**Mechanism of Action:** Ipratropium is a parasympatholytic used in the treatment of respiratory emergencies. It causes a decrease of the smooth muscle tissue of the bronchioles ability to constrict and dries respiratory tract secretions. Ipratropium acts by blocking acetylcholine.

**Concentration:** 0.5 mg/2.5ml

### Dosage:

#### Adult:

- **Bronchospasm (Asthma/COPD)**  
0.5 mg via nebulizer (may only give one dose)

#### Pediatric:

- **Bronchospasm (Asthma)**  
0.5 mg via nebulizer (may only give one dose)