

IPRATROPIUM BROMIDE

Additional Names: Atrovent

Classification: Anticholinergic (parasympatholytic), Bronchodilator

Indications: Relieve bronchospasm associated with asthma, emphysema, and chronic bronchitis

Contraindications: Known Hypersensitivity to Atrovent or Atropine

Dosages:

Adult:
Wheezing / Bronchospasm
0.5mg Nebulized

Pediatric:
Asthma / Wheezing > 2yo
0.5mg Nebulized, may repeat x2 while administering other treatments

Side Effects: Headache, dry mouth, dizziness, cough, upset stomach

Physiological Effects: Inhibits vagally mediated reflexes by antagonizing acetylcholine receptors on bronchial smooth muscle; this leads to localized bronchodilatation

Additional Info: Anaphylaxis / Allergic Reaction consideration: Patients who take β Blockers have an increased risk of developing a more severe reaction; these patients also may have a paradoxical response to Epinephrine. The use of inhaled Atrovent and Albuterol may help respiratory symptoms in these cases.