

Section: Drug Reference
Subject: IPRATROPIUM BROMIDE
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Ipratropium Bromide

1. CLASSIFICATION
 - a. Parasympatholytic
2. ACTIONS / DESCRIPTIONS
 - a. Bronchodilator
 - b. Local site specific effect, not a systemic one.
 - c. Not readily absorbed systemically from the lung.
 - d. Does not penetrate the blood-brain barrier.
 - e. No effect of pupil size or visual acuity.
 - f. No clinically significant effects HR or BP.
 - g. Does not possess anti-inflammatory properties.
 - h. Often used with albuterol.
3. INDICATIONS
 - a. Bronchial asthma
 - b. Chronic bronchitis/COPD
 - c. Inhalation of hot smoke and gases
4. CONTRAINDICATIONS
 - a. Peanuts or soybean allergies
 - b. Narrow angle glaucoma (relative)
5. ADVERSE REACTIONS
 - a. Angioedema (tongue, lips, and face)
 - b. Bronchospasms
 - c. Caution in narrow angle glaucoma
 - i. Eye pain may result if solution comes in contact with the eyes of the patient
 - ii. Use of tube nebulizer instead of mask will reduce the occurrence
6. DRUG ACTION TIME
 - a. Onset 5 – 15 minutes
 - b. Duration 3 – 6 hours
7. INFORMATIONAL/DISCUSSION POINTS
 - a. Glaucoma
 - b. Use without albuterol
 - c. Systemic effects if they occur
 - d. Use of atropine as bronchodilator
 - e. Combivent
 - f. Immediate hypersensitivity reactions may occur (rare cases of urticaria, Angioedema, pruritis, bronchospasm, anaphylaxis, and oropharyngeal edema)