

IPRATROPIUM BROMIDE 20MCG MD 15ML INHALER

Class: Anticholinergic Agent.

Indications:

Anticholinergic bronchodilator used in bronchospasm associated with COPD, bronchitis, and emphysema.

Available dosage form in the hospital:

-IPRATROPIUM BROMIDE 20MCG MD 15ML INHALER

Dosage:

-Asthma exacerbation, acute (NIH Asthma Guidelines, 2007):

- *Nebulization:* 500 mcg every 20 minutes for 3 doses, then as needed. **Note:** Should be given in combination with a short-acting beta-adrenergic agonist.
- *Metered-dose inhaler:* 8 inhalations every 20 minutes as needed for up to 3 hours. **Note:** Should be given in combination with a short-acting beta-adrenergic agonist.

- Bronchospasm associated with COPD:

- *Nebulization:* 500 mcg (one unit-dose vial) 3-4 times/day with doses 6-8 hours apart.
- *Metered-dose inhaler:* 2 inhalations 4 times/day, up to 12 inhalations/24 hours.

Geriatric

Refer to adult dosing.

Renal Impairment:

No dosage adjustment provided in manufacturer's labeling (has not been studied).

Hepatic Impairment:

No dosage adjustment provided in manufacturer's labeling (has not been studied).

Common side effect:

Respiratory: Bronchitis, COPD exacerbation, sinusitis

Pregnancy Risk Factor: B