

Initial Date: 07/19/2023
Revised Date: 08/11/2023

Section: 9-28R

Ipratropium Bromide

Pharmacological Category: Anticholinergic Agent

Routes: Nebulized

Indications:

1. Wheezing
2. Airway Constriction

Contraindications:

1. Hypersensitivity to atropine or its derivatives

Expected effects:

1. Decreased wheezing
2. Decreased respiratory distress

Notes: May be administered in conjunction with albuterol 2.5 mg/3 mL NS as a 'Duoneb'.

Side effects:

1. Palpitations
2. Dry Mouth
3. Anxiety

Dosing: ANAPHYLAXIS ALLERGIC REACTION

Indication: Continued wheezing and/or airway constriction after administration of nebulized albuterol.

Adults and pediatrics administer:

1. Ipratropium 500 mcg/2.5 mL NS nebulized

Dosing: ADULT RESPIRATORY DISTRESS

Indication: Continued wheezing and/or airway constriction after administration of nebulized albuterol.

Adults administer:

1. Ipratropium 500 mcg/2.5 mL NS nebulized

Used in the Following Protocols

Anaphylaxis/Allergic Reaction (Section 1 General Treatment)

Respiratory Distress (Section 3 Adult Treatment)

Initial Date: 07/19/2023

Revised Date:

Section: 9-30R

Ketorolac

Pharmacological Category: Analgesic, Nonopioid; Nonsteroidal Anti-inflammatory Drug (NSAID)

Routes: IM/IV

Indications:

1. Pain management

Contraindications:

1. Allergies to NSAIDs
2. Active labor or women who are breastfeeding
3. Renal impairment
4. Bleeding or high risk of bleeding
5. Pregnancy

Expected effects:

1. Pain Relief

Side effects:

1. Nausea/vomiting
2. Bloating

Dosing: PAIN MANAGEMENT

Adults administer:

1. Ketorolac 15 mg IM/IV

Pediatrics (patients over 5 years of age) administer:

1. Ketorolac according to MI MEDIC cards
2. If MI MEDIC cards are not available administer:
 - a. Ketorolac 1 mg/kg IM/IV. Max dose 15 mg.

Used in the Following Protocols

Pain Management (Section 7 Procedures)