

Tropiturn 18 Inhaler

Product Information: Tiotropium Inhaler (18 mcg)

Composition

- **Tiotropium Bromide: 18 mcg per actuation (metered dose).**
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Pharmacological Class

- **Drug Class: Long-acting muscarinic antagonist (LAMA).**
 - **Mechanism of Action: Tiotropium blocks the muscarinic receptors (M3 subtype) in the smooth muscles of the airways, resulting in bronchodilation and improved airflow.**
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Indications

The Tiotropium Inhaler is indicated for:

1. **Chronic Obstructive Pulmonary Disease (COPD):** Maintenance therapy to reduce symptoms such as breathlessness and improve lung function.
 2. **Asthma:** As an add-on therapy in patients aged 12 years and older with severe persistent asthma not adequately controlled by inhaled corticosteroids and long-acting beta-agonists.
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Dosage and Administration

- **Recommended Dose: 1 inhalation (18 mcg) once daily at the same time every day.**
 - **Administration:**
 1. **Use the inhaler as directed by a physician.**
 2. **Ensure the patient inhales deeply and holds their breath for a few seconds after actuation for effective delivery.**
 3. **Rinse the mouth with water after use to reduce the risk of dry mouth and irritation.**
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Contraindications

- **Hypersensitivity to Tiotropium, atropine, or any of the formulation components.**
 - **Not for use in acute bronchospasm or as rescue therapy.**
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Warnings and Precautions

1. **Paradoxical Bronchospasm: Can occur; discontinue use if this develops.**
 2. **Narrow-Angle Glaucoma: Avoid contact of the mist with the eyes as it may worsen symptoms.**
 3. **Urinary Retention: Use with caution in patients with a history of urinary obstruction or prostatic hyperplasia.**
 4. **Not recommended for children under 12 years.**
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Adverse Effects

- **Common:** Dry mouth, cough, sore throat, and nasal congestion.
 - **Less Common:** Dizziness, blurred vision, constipation, or urinary difficulty.
 - **Rare but Serious:** Worsening of narrow-angle glaucoma or urinary retention.
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Drug Interactions

- **Anticholinergics:** Avoid concurrent use with other anticholinergic drugs to prevent additive effects.
 - **Beta-2 Agonists:** Can be used concomitantly but monitor for potential side effects like increased heart rate.
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Storage Instructions

- Store at a temperature below 30°C.
 - Do not freeze or expose to direct sunlight.
 - Keep out of reach of children.
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Patient Instructions

1. Use daily as prescribed, even when symptoms are not present, for maintenance.
 2. Do not exceed the recommended dose.
 3. If breathing worsens suddenly, use a rescue inhaler and seek medical advice.
 4. Ensure the inhaler technique is correct to maximize efficacy.
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Clinical Benefits

- Improves lung function and reduces breathlessness.
- Lowers the frequency of COPD exacerbations.

- Enhances the quality of life for patients with chronic respiratory conditions.
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Packaging

- Available in 60 or 120 actuations per inhaler with an attached dose counter for tracking usage.
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Tiotropium Inhaler is a cornerstone therapy in the long-term management of COPD and severe asthma, providing sustained bronchodilation and symptom relief. It is not suitable for acute rescue therapy. Use under the supervision of a healthcare provider.

Manufactured in India for:

CafoliTM
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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