

Critical Capsule

**Levosalbutamol 100mcg + Ipratropium 40mcg
Flipcaps: Information Guide**

the airways. This results in further improvement in airflow and breathing.

Description

Levosalbutamol 100mcg and Ipratropium 40mcg Flipcaps is a combination inhaler designed to manage respiratory conditions such as chronic obstructive pulmonary disease (COPD) and asthma. Levosalbutamol is a selective beta-2 agonist that works as a bronchodilator, while Ipratropium is an anticholinergic agent that helps to open up the airways by inhibiting bronchoconstriction.

Composition (per dose)

- **Levosalbutamol: 100mcg (bronchodilator)**
 - **Ipratropium: 40mcg (anticholinergic)**
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Mechanism of Action

- 1. Levosalbutamol:**
 - **A beta-2 adrenergic agonist that stimulates beta-2 receptors in the smooth muscle of the airways, leading to muscle relaxation and bronchodilation. This allows easier airflow into the lungs and helps relieve symptoms of bronchospasm.**
- 2. Ipratropium:**
 - **An anticholinergic agent that blocks the action of acetylcholine on muscarinic receptors, preventing bronchoconstriction and reducing mucus production in**

Indications

Levosalbutamol 100mcg + Ipratropium 40mcg Flipcaps is indicated for:

- **Chronic Obstructive Pulmonary Disease (COPD): To relieve bronchospasm associated with COPD.**
 - **Asthma: As a maintenance treatment for asthma exacerbations and to improve lung function.**
 - **Acute exacerbations of COPD or asthma, when fast relief of bronchoconstriction is needed.**
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Dosage and Administration

- **Adults:**
 - **Inhale 1 flipcap (100mcg Levosalbutamol + 40mcg Ipratropium) two to four times per day, or as directed by a healthcare provider.**
 - **Do not exceed the prescribed dose.**
- **Children (6 years and older):**
 - **Inhalation of 1 flipcap one to two times per day, or as prescribed.**
 - **Consult a healthcare provider for proper dose adjustment for children.**

How to Use:

- **Insert the flipcap into the inhaler device and inhale the medication as directed.**

- **Ensure you rinse your mouth after use to prevent irritation and dry mouth.**
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Contraindications

- **Hypersensitivity to Levosalbutamol, Ipratropium, or any other components of the flipcap.**
 - **Severe hypersensitivity to atropine or its derivatives.**
 - **Patients with a history of narrow-angle glaucoma, urinary retention, or prostate enlargement should use this medication with caution.**
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Warnings and Precautions

- **Caution in Cardiovascular Disease:** Levosalbutamol may increase heart rate and blood pressure. Use with caution in patients with a history of heart disease or hypertension.
 - **Glaucoma:** Ipratropium can cause increased intraocular pressure. Avoid use in patients with glaucoma or a predisposition to glaucoma.
 - **Urinary Retention:** Use with caution in patients with bladder neck obstruction or prostate hypertrophy.
 - **Paradoxical Bronchospasm:** Rarely, inhalation of beta-agonists may cause paradoxical bronchospasm, which can be life-threatening. Discontinue use if this occurs and seek immediate medical attention.
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Adverse Effects

- **Common:**

- **Dry mouth, cough, throat irritation, headache, dizziness, or nausea.**
 - **Less Common:**
 - **Palpitations, tremors, nervousness, or urinary retention.**
 - **Serious (Rare):**
 - **Paradoxical bronchospasm, allergic reactions (swelling of the face, lips, or tongue), or blurred vision.**
 - **Severe tachycardia or arrhythmia.**
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Drug Interactions

- **Beta-blockers:** May reduce the effectiveness of Levosalbutamol and increase the risk of bronchospasm.
 - **Anticholinergic Drugs:** Combining with other anticholinergic medications may increase the risk of urinary retention and dry mouth.
 - **Diuretics:** May enhance the risk of hypokalemia when used with bronchodilators.
 - **Other Respiratory Medications:** Use caution when combining with other inhaled bronchodilators or steroids.
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Storage

- **Store in a cool, dry place, at a temperature not exceeding 25°C.**
 - **Keep away from heat, moisture, and direct sunlight.**
 - **Keep out of reach of children.**
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Key Points

- **This combination inhaler provides effective relief for bronchospasm and**

helps manage symptoms of asthma and COPD.

- **Follow the prescribed dosage to avoid overuse or underuse of the medication.**
 - **Proper inhaler technique is important for the effectiveness of the medication.**
 - **If symptoms persist or worsen, consult your doctor immediately.**
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Note: This medication should be used under the supervision of a healthcare provider. If you experience any severe or unexpected side effects, contact your healthcare provider immediately.

Manufactured in India for:



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(An ISO 9001: 2015 Certified Co.)

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