## **MONTEGRESS-XL**

Montelukast 10 mg, Levocetirizine 5 mg and Ambroxol(SR) 75 mg Tablet

#### **DESCRIPTION:**

**MONTEGRESS-XL** is a fixed dose combination of bilayer tablet comprising of Montelukast sodium, Levocetirizine hydrochloride & Ambroxol. Montelukast sodium is a selective and orally active leukotriene receptor antagonist. Levocetirizine is an orally active, potent, selective and long acting third generation antihistamine with no anticholinergic activity. Ambroxol is a systemically active mucolytic agent.

#### **INDICATIONS:**

- Chronic Obstructive Pulmonary Disorder (COPD)
- Asthma and Allergic Rhinitis
- Bronchitis

#### **MODE OF ACTION:**

- MONTEGRESS-XL is having anti-inflammatory, anti-histaminic, Bronchodilator as well as Mucoregulatory activity.
- MONTELUKAST causes inhibition of airway cysteinyl leukotriene receptors as demonstrated by the ability to inhibit bronchoconstriction due to action of LTD4 in asthmatics. It makes breathing easier by reducing swelling in the airways.
- LEVOCETIRIZINE is the (R) enantiomer of cetirizine, is a potent, nonsedative and selective H1 receptor antagonist. It antagonizes the allergic symptoms produced by histamines like runny nose, cold, cough etc.
- It also inhibit eotaxin-induced eosinophil TEM through both dermal and lung micro vascular endothelial cells. So inhibit eosinophil chemotaxis and also inflammation caused by it.
- AMBROXOL modifies the mucous gel phase of secretions by decreasing the viscosity and increasing the serous gel phase. It
  increases the mucociliary clearance by stimulating cilia motility. Ambroxol hydrochloride acts as an expectoration improver and
  mucolytic agent.
- It decreases mucus viscosity by altering its structure. It depolymerises mucopolysaccharides directly as well as by liberating lysosomal enzymes and by breaking network of fibres in tenacious sputum. It induces thin copious bronchial secretion and possesses antioxidant properties.

#### DOSAGE:

As directed by physician.

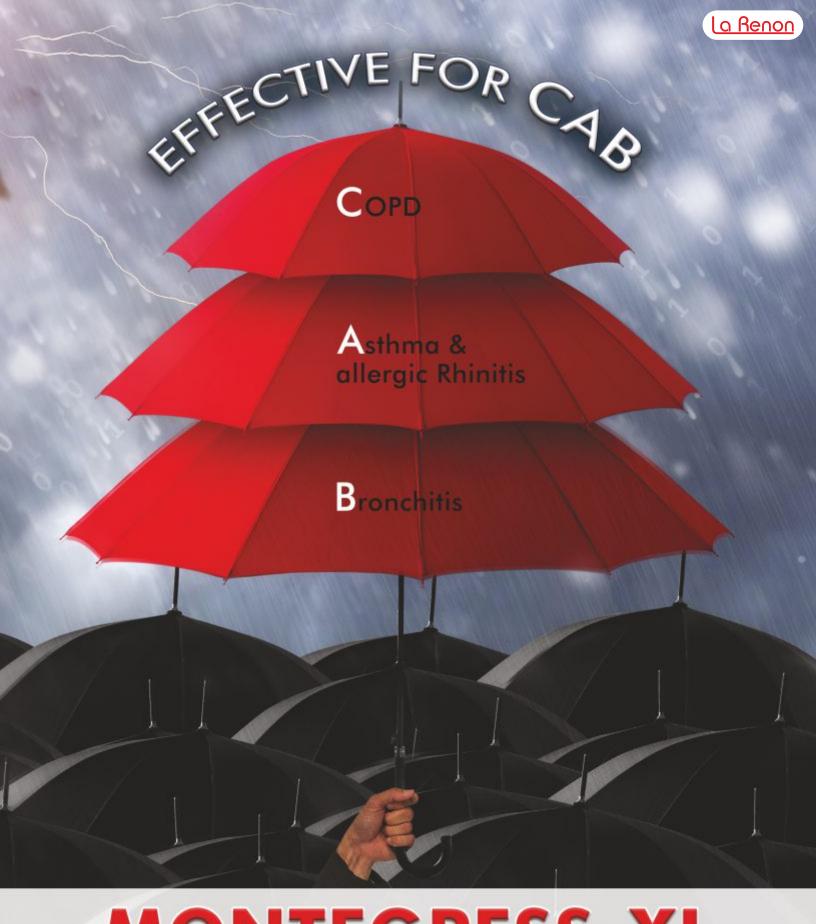
#### PRESENTATION:

MONTEGRESS-XL: Strip of 10 tablets.

#### La Renon Healthcare Pvt. Ltd.

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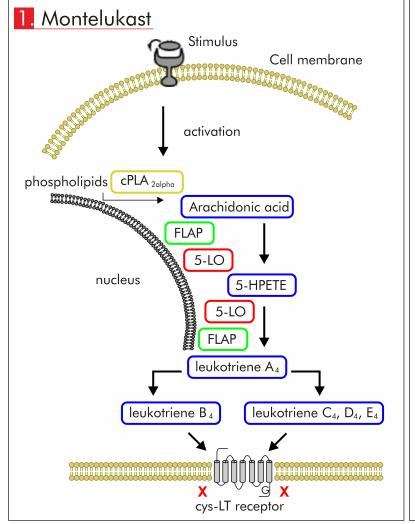


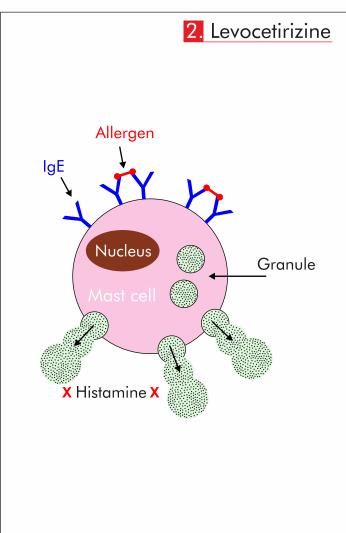


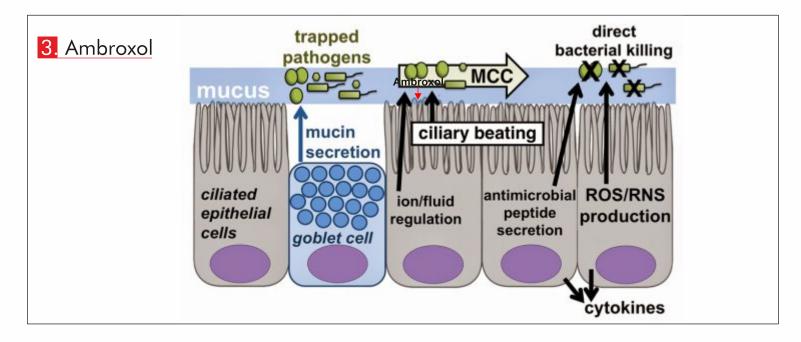
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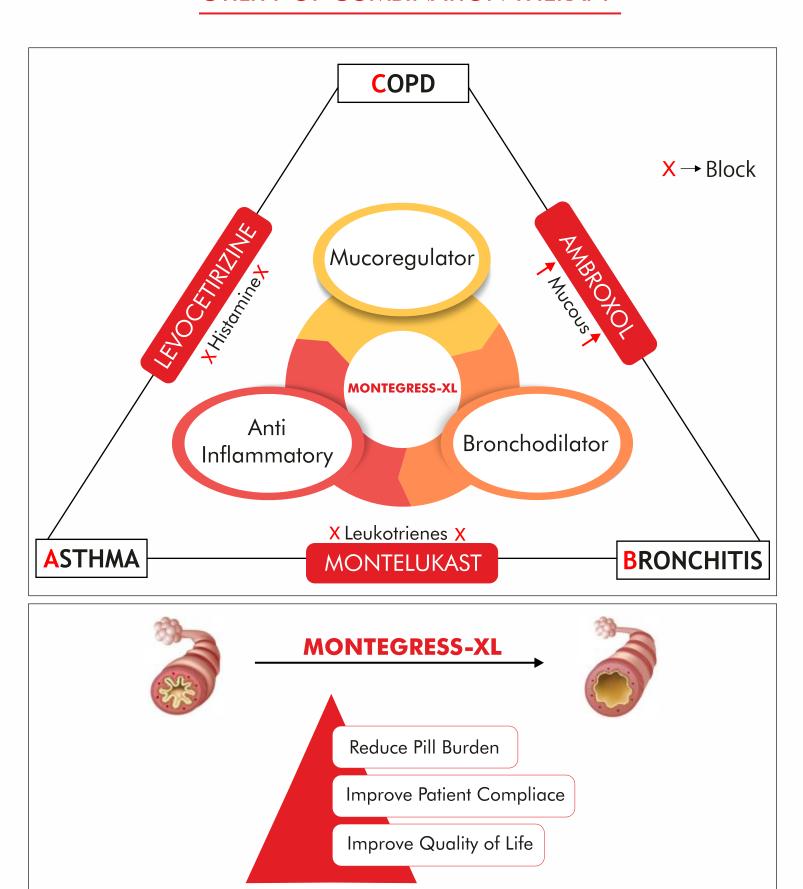
### THREE TARGETS IN ONE







#### UTILITY OF COMBINATION THERAPY



References: 1. Ther Adv Chronic Dis (2011) 2(1) 47-58 2. J Investig Allergol Clin Immunol 2008; Vol. 18(5): 343-349