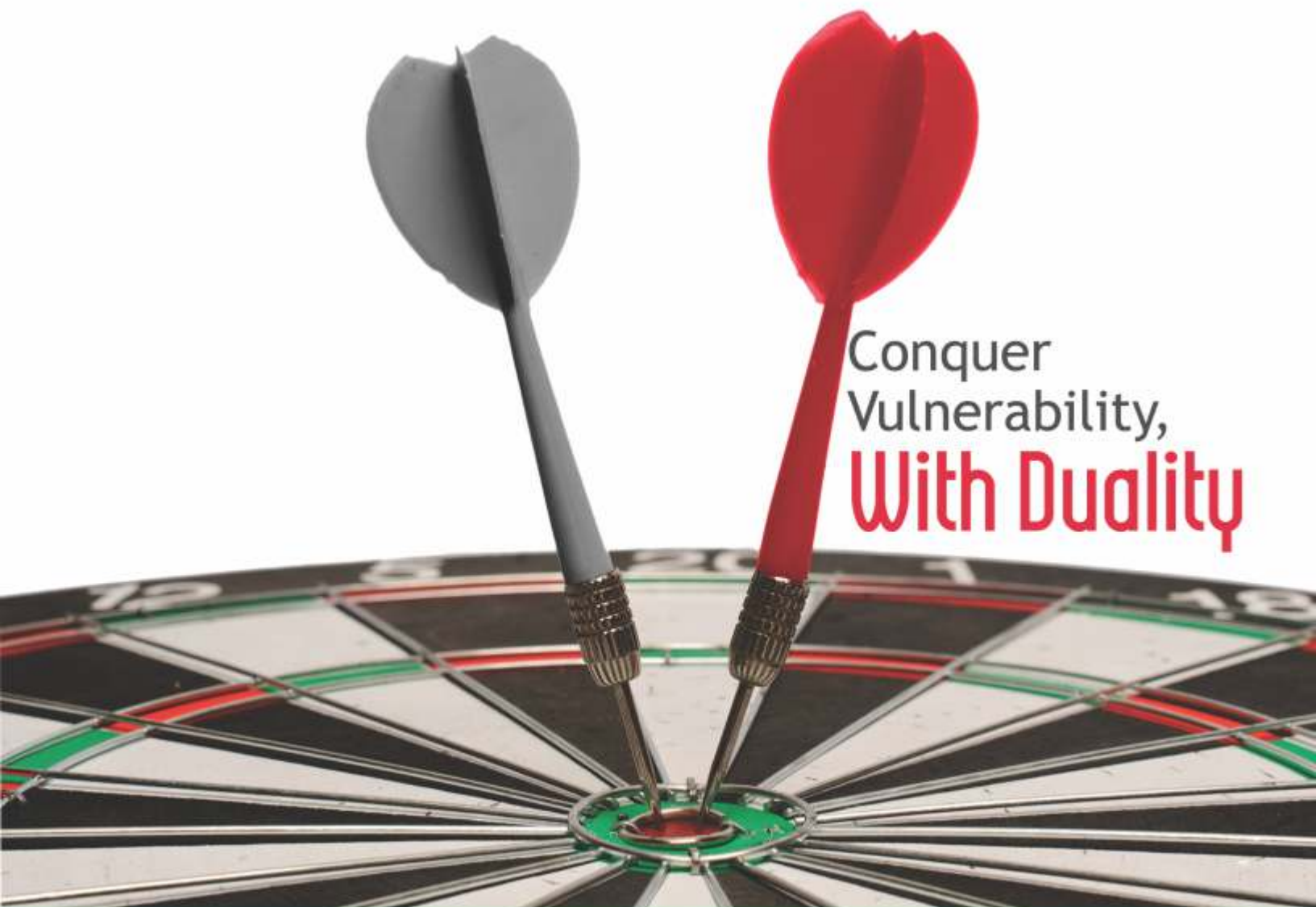


# Montegress-LC<sup>TM</sup> 4

Montelukast 4 mg & Levocetirizine 2.5 mg Dispersible Tablets

# Montegress-LC<sup>TM</sup> 10

Montelukast 10 mg & Levocetirizine 5 mg Tablets



Conquer  
Vulnerability,  
**With Duality**

# Montegress<sup>TM</sup>-LC 4

Montelukast 4 mg & Levocetirizine 2.5 mg Dispersible Tablets

# Montegress<sup>TM</sup>-LC 10

Montelukast 10 mg & Levocetirizine 5 mg Tablets

## Description:

Montelukast sodium is a selective and orally active leukotriene receptor antagonist that inhibits the cysteinyl leukotriene (CysLT<sub>1</sub>), receptor. Levocetirizine is the R-enantiomer of cetirizine. Levocetirizine is an orally active, potent, selective and long acting H<sub>1</sub> -histamine receptor antagonist with no anticholinergic activity

## Indications :

**MONTEGRESS-LC-10** Dispersible Tablets are indicated for relief of symptoms of allergic rhinitis [seasonal or perennial], as prophylaxis in seasonal allergic rhinitis and treatment of comorbid asthma and allergic rhinitis in patients 15 years of age and over.

**MONTEGRESS-LC-4** Film Coated Tablets are indicated for the relief of symptoms of allergic rhinitis [seasonal or perennial], as prophylaxis in seasonal allergic rhinitis and treatment of comorbid asthma and allergic rhinitis in patients 2 to 5 years of age.

## Mode Of Action:

Montelukast causes inhibition of airway cysteinyl leukotriene receptors as demonstrated by the ability to inhibit bronchoconstriction due to inhaled LTD<sub>4</sub> in asthmatics. Doses as low as 5 mg cause substantial blockage of LTD<sub>4</sub> - induced bronchoconstriction. LEVOCETIRIZINE Levocetirizine, the (R) enantiomer of cetirizine, is a potent and selective antagonist of peripheral H<sub>1</sub> -receptors. Binding studies revealed that levocetirizine has high affinity for human H<sub>1</sub>- receptors (K<sub>i</sub> = 3.2 nmol/l). Levocetirizine has an affinity 2-fold higher than that of cetirizine (K<sub>i</sub> = 6.3 nmol/l). Levocetirizine dissociates from H<sub>1</sub>-receptors with a half-life of 115 ± 38 min. Pharmacodynamic studies in healthy volunteers demonstrate that, at half the dose, Levocetirizine has comparable activity to cetirizine, both in the skin and in the nose. Pharmacokinetic/pharmacodynamic relationship 5 mg Levocetirizine provide a similar pattern of inhibition of histamine-induced wheal and flare than 10 mg cetirizine. As for cetirizine, the action on histamine-induced skin reactions was out of phase with the plasma concentrations. ECGs did not show relevant effects of Levocetirizine on QT interval.

## Dosage:

Adults [>15 years] – 1 MONTEGRESS -LC 10mg + 5 mg Film Coated Tablet Daily  
Children [2-5years] – 1 MONTEGRESS-LC 4mg + 2.5 mg Dispersible Tablet Daily  
Or; as prescribed by a Registered Medical Practitioner

## Presentation:

**Montegress-LC-10** Film Coated Tablet is available in a strip of 10 tablets

**Montegress-LC-4** Dispersible Tablet is available in a strip of 10 tablets

La Renon®

### La Renon Healthcare

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