

# Budemass – L 0.5 mg Respule

**Budesonide 0.5 mg + Levosalbutamol 1.25 mg Respule/ 2 ml**

## Description

Budemass-L 0.5mg Respules/ 2ml, is a combination Budesonide 0.5 mg and Levosalbutamol 1.25 mg. Levosalbutamol is a short acting Beta 2 adrenergic receptor which is effective against used in the treatment of chronic obstructive pulmonary disease - **COPD** and **Asthma**. The medication is also used for constriction of airways, lungs inflammation and other related conditions. This works by relaxing smooth muscles in the bronchial tubes and thus helps in shortening or reversing an acute attack of asthma, shortness of breath or difficulty in breathing.

Budemass-L 0.5mg Respules/ 2ml, comes in respules / inhaler format, to be given only to patients above 4 years of age. The medication can be given orally by nebulization, starting from twice to six times a day depending on the condition.

## Mode of Action-

Budesonide in Budemass- L Respules inhibits the cells and mediators release of various types including eosinophils, eicosanoids, mast cells, histamine, neutrophils, leukotrienes, macrophages, lymphocytes, and cytokines. These cells and mediators are responsible for inflammation caused. Thus the medicine aids in treating allergic disorders as well as reduces inflammation.

$\beta$ 2 adrenergic (Levosalbutamol) receptors on airway smooth muscle are Gs coupled and their activation by levosalbutamol leads to activation of adenylate cyclase and to an increase in the intracellular concentration of 3',5'-cyclic adenosine monophosphate (cyclic AMP). Increased cyclic AMP activates protein kinase A which itself inhibits the phosphorylation of myosin produces lower intracellular ionic calcium concentrations, inducing muscle relaxation. Increased cyclic AMP concentrations are also associated with the inhibition of the release of mediators from mast cells in the airways, potentially contributing to its benefit in asthma attacks.

## **Dosage Instructions**

Adult - 2 Respules twice daily.

Children (5 years & above) – 1 Respules twice daily.

## **Missed Dose instructions**

If you miss a dose of Budemass-L 0.5 mg/1.25 mg Respules 2 ml, take the missed dose as soon as you remember. Budemass L need to be taken your next dose, skip the missed dose. Do not double your dose to make up for the missed dose.

## **Overdose instructions**

Seek emergency medical treatment or contact the doctor in case of an overdose.

## **Important Questions-**

### **How long is the duration of effect?**

The effect of this medicine lasts for an average duration of 6 to 11 hours.

### **What is the onset of action?**

As levosalbutamol is having on set of action 0.8- 2 minute and the peak effect can be observed in 5 to 10 hours after an oral dose and 30 minutes after an inhaler.

### **Is It safe with alcohol?**

Interaction with alcohol is unknown. Please consult your doctor

### **What is the safety warning in pregnancy?**

During pregnancy, this medicine is unsafe to use. Despite the risk, benefits from use in pregnant women and there is positive evidence of human fetal risk are noted. Please consult your doctor, If there is any life threatening situations.

### **Is it safe to drive while on this medicine?**

There is no data available. Please consult doctor before consuming the drug.

**What are the effects on kidney functions?**

Caution should be used in patients with renal impairment.

**Does this affect liver function?**

There is no data available. Please consult doctor before consuming the drug.

**Is it habit forming?**

No habit forming tendency has been reported

**Are there any breast-feeding warnings?**

The oral form of this medicine is known to excrete through the breastmilk. Therefore, not recommended in breastfeeding women unless necessary. The amount of inhaled medicine is excreted in negligible amounts in breastmilk. Therefore, can be used in breastfeeding women.

**Drug approval**

Budemass \_L Respules is approved by DCGI, India and Japan

**Side Effects**

- Hypokalemia
- Tremors
- Fever
- Sneezing
- Cough
- Abdominal Pain
- Diarrhoea
- Lower Back Pain
- Shaking Of Hands Or Feet
- Acid Or Sour Stomach
- Indigestion
- Change In Vision
- Dizziness
- Pain and Swelling of Joint

- Tiredness
- Urge to Vomit

### **Contraindication-**

Not recommended in patients with known allergy to Budemass- L 0.5 mg/1.25 mg Respule/ 2 ml.

Budemass-L 0.5mg Respules 2ml, can be used only after consultation of your doctor. You should inform regarding any kind of allergies that you may have, pre-existing diseases, pregnancy, any upcoming surgeries, high blood pressure, since health conditions may make you more susceptible to the side effects of the drug. This medication has to be taken under the supervision and prescription of a doctor only.

### **HOW SUPPLIED**

BUDEMSS -L RESPULES is supplied in sealed aluminum 3 layer foil envelopes containing one plastic strip of five single-dose Respules together with patient instructions for use. There are 25 Respules in a carton. Each single-dose Respule contains 2 mL of sterile liquid suspension.

**Disclaimer:** The information produced here is best of our knowledge and experience and we have tried our best to make it as accurate and up-to-date as possible, but we would like to request that it should not be treated as a substitute for professional advice, diagnosis or treatment.