

ISOSAL

Levosalbutamol 1 mg/5 ml
Syrup

ISOSAL (Levosalbutamol) is a single isomer beta-2 agonist that differs from racemic salbutamol by elimination of (S)-salbutamol. Levosalbutamol is an effective bronchodilator whose primary mechanism of action is not inhibited by (S)-salbutamol. Thus, when compared with racemic salbutamol, clinically comparable bronchodilation can be achieved. Levosalbutamol produces bronchodilatation through stimulation of beta-2-adrenergic receptors in bronchial smooth muscles, thereby causing relaxation of bronchial muscle fibres.

COMPOSITION

Each 5 ml syrup contains Levosalbutamol Sulfate INN equivalent to Levosalbutamol 1 mg.

INDICATION

Levosalbutamol is indicated for the treatment and prevention of bronchospasm in adults, adolescents & children of 6 years of age and older with reversible obstructive airway diseases.

DOSAGE AND ADMINISTRATION

Children (6 -11 years) : 5 ml (1 mg), three times daily.

Adults and adolescents above 12 years : 5-10 ml (1-2 mg), three times daily.

SIDE EFFECT

Hypocalcaemia, palpitation, fine tremors of the skeletal muscle and muscle cramps may occur. The other likely side effects are nausea, vomiting, epigastric pain and diarrhoea.

PRECAUTION

Particular caution is advised in acute severe asthma as this effect may be potentiated by hypoxia and by concomitant treatment with xanthine derivatives, steroids and diuretics. Serum potassium levels should be monitored in such situations.

CONTRAINDICATION

Levosalbutamol is contraindicated in patients with a history of hypersensitivity to Levosalbutamol or any of its components.

DRUG INTERACTION

Other short-acting sympathomimetic bronchodilators or epinephrine should be used with caution with levosalbutamol. If additional adrenergic drugs are to be administered by any route, they should be used with caution to avoid deleterious cardiovascular effects.

PREGNANCY AND LACTATION

Pregnancy: The drug should be used during pregnancy only if the potential benefit justifies the potential risk of the fetus.

Lactation: It is not known whether levosalbutamol is excreted in human milk. Caution should be exercised when oral levosalbutamol is administered to a nursing woman.

STORAGE

Keep in dry place and away from light and heat. Keep out of the reach of children.

HOW SUPPLIED

Each transparent PET bottle contains 100 ml syrup.

Manufactured by:

NIPRO JMI Pharma Ltd.
Comilla, Bangladesh.

