

# **Aire**

Levosalbutamol

## **DESCRIPTION**

Aire is an effective bronchodilator which produces bronchodilation through stimulation of beta-2-adrenergic receptors in bronchial smooth muscles, thereby causing relaxation of bronchial muscle fibres.

## **INDICATIONS**

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

## **DOSAGE AND ADMINISTRATION**

Adults and adolescents above 11 years:

Tablet: 1-2 mg three times daily.

Syrup: 5-10 ml three times daily.

Children 6 to 11 years:

Tablet: 1mg three times daily.

Syrup: 5 ml three times daily.

## **SIDE EFFECTS**

Potentially serious hypokalemia may result from beta-2- agonist therapy. This may be potentiated by hypoxia. Particular caution is advised in severe asthma, with monitoring of serum potassium level. Other side effects such as palpitation, tremors of the skeletal muscle (particularly the hands) and muscle cramps may occur. The other likely side effects are gastrointestinal disturbances such as nausea, vomiting, burning substernal or epigastric pain and diarrhea. In some cases nervousness, headache, dizziness, fatigue and sleeplessness may occur.

## **PRECAUTION**

Particular caution is advised in acute severe asthma as this effect may be potentiated by hypoxia and concomitant treatment with xanthine derivatives, steroids and diuretics. Serum potassium levels should be monitored in such situations. Levosalbutamol, like all other beta-adrenergic agonist, can produce a clinically significant cardiovascular effect in some patients; as measured by pulse rate, blood pressure. Although such effects are uncommon after administration of levosalbutamol at recommended doses, if they occur the drug may need to be discontinued. It should be used with caution in patients with cardiovascular diseases, specially coronary insufficiency, cardiac arrhythmias or hypotension.

## **USE IN PREGNANCY AND LACTATION**

Pregnant women: The drug should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

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

#### CONTRAINDICATION

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

#### DRUG INTERACTIONS

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.

#### OVERDOSE

The expected symptoms with overdosage are those of excessive beta-adrenergic stimulation and the symptoms listed under side effects. In the event of serious poisoning, the stomach should be emptied and, if necessary, a beta-blocker administered with caution in patients with a history of bronchospasm.

#### PHARMACEUTICAL PRECAUTION

Store in a cool and dry place, away from light. Keep out of reach of children.

#### PACKAGING

Aire 1 tablet : Each box contains 5 X 10 tablets in blister pack. Each film-coated tablet contains levosalbutamol sulphate INN equivalent to levosalbutamol 1 mg.

Aire 2 tablet : Each box contains 5 X 10 tablets in blister pack. Each film-coated tablet contains levosalbutamol sulphate INN equivalent to levosalbutamol 2 mg.

Aire syrup : Each PET bottle contains 50 ml syrup with a plastic spoon. Each 5 ml syrup contains levosalbutamol sulphate INN equivalent to levosalbutamol 1 mg.

1st revision