

Levhist

(Levocetirizine)

5mg
Tablet

لیوہسٹ
لیوہسٹریزین
۵ ملی گرام
کھولیاں

Description:

Levhist tablet is the isomer of cetirizine (levocetirizine) with twice the affinity for H₁-receptors, and rapid and long-lasting antihistaminic action, as compared with cetirizine.

Composition:

Each Levhist tablet contains:
Levocetirizine Dihydrochloride... 5mg.

Indications:

Levhist tablets is recommended in patients 6 years and above for the treatment of allergic conditions like allergic rhinitis (seasonal as well as perennial), allergic conjunctivitis and chronic idiopathic urticaria.

Mode of action:

Levhist tablet is a potent, selective, peripheral. H-1 receptor antagonist with negligible effects on other receptors.

Dosage:

In adults and children older than 6 years:

The recommended daily dose of Levhist tablets is 5 mg.

In children of age 6. 12 years: 5 mg tablet should be given in two divided doses.

In patients with renal impairment:

The dose of Levhist tablets in renal dysfunction should be titrated as follows i.e. according to creatinine clearance of the patient:

Creatinine clearance (ml/min)	Allergocit tablets Dose
50->80	1 tablet daily
30-49	1 tablet every second day
10-29	1 tablet every third day
< 10	Not recommended

The time required for Levhist tablets to reach peak plasma levels (t_{max}) is approx. 1 hours.

Levhist tablets achieve steady-state plasma level by the second day.

Volume of distribution of Levhist tablets is 0.4 l/kg.

Levhist tablet has not been found to penetrate into the brain.

Levhist tablet is extensively bound to blood components, approx.

7% is the free fraction (which is constant) and the fraction bound to blood cells and plasma proteins is approx. 28% and 66%, respectively.

Levhist tablet is poorly metabolized (14% of the total oral dose).

Of the oral dose, approx. 80% of Levhist tablet is eliminated unchanged in urine in 48 hours.

Though intake of Levhist tablets with food does not hamper extent of drug absorption, its speed of absorption might decrease.

Pharmacodynamics:

Levhist tablet has been found to have the following clinical effects:

Double affinity for human H-1 receptors as compared to cetirizine.

Same effect as that of cetirizine in only half the dose (Levhist tablets 5 mg has the same clinical effect as that of cetirizine 10 mg) No effect on the QT interval.

As compared with desloratadine, Levhist tablet is more effective in treating subjects with seasonal allergic rhinitis during prolonged pollen exposure.

Levhist tablet has a more rapid (1 hours versus 3 hours, respectively) and longer duration of action than desloratadine.

Levhist tablet has also been shown to be significantly superior in treating nasal congestion after the first dose.

Side effects:

Treatment with Levhist tablets might cause the following temporary side effects.

Tiredness

Lack of concentration

Somnolence

Headache

Agitation

Dry mouth

Constipation

Hypersensitivity reactions e.g. angioedema, photosensitivity reactions, liver damage, deafness, pruritus, vasculitis etc. 95% of the side effects are mild to moderate.

Warnings:

Care should be taken while driving or operation machinery, it is better to avoid these activities during treatment with Levhist tablet since it may cause sedation.

The patient should involve in such activities only when he knows that Levhist tablets do not cause sedation in him.

Drinking excessive amounts of alcohol should be avoided during therapy with Levhist tablet.

Precautions:

Use during Pregnancy Lactation

Levhist tablets should be used during pregnancy lactation after doing risk-benefit analysis.

Use in Children:

Use of Levhist tablets has not been evaluated in children < 6 years of age.

Overdosing:

Overdosage with Levhist tablets can cause somnolence. In such cases symptomatic/supportive measures should be undertaken.

Drug Interactions:

No drug interaction studies have been conducted with Levhist tablets. Since studies with the cetirizine show no drug interactions with ketoconazol, azithromycin, diazepam, pseudoephedrine, cimetidine, erythromycin and glipizide. It can be deduced that, Levhist tablets also do not have interactions with these drugs.

Presentation:

Levhist 5mg tablet: 1x10 blister pack.

PRECAUTION:

- Use as prescribed by the physician.
- Keep out of the reach of children.
- Store at room temperature.
- Protect from direct sunlight, heat & moisture.

ہدایات:

دوا ڈاکٹر کی ہدایت کے مطابق استعمال کریں۔

بچوں کی پہنچ سے دور رکھیں۔

گرمی اور نمی سے محفوظ رکھیں۔

سورج کی روشنی، گرمی اور نمی سے محفوظ رکھیں۔



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