

Cortinex

Hydrocortisone

Composition

Cortinex Injection: Each vial contains 100 mg of Hydrocortisone as Hydrocortisone Sodium Succinate USP.

Mode of action

Hydrocortisone (**Cortinex**) inhibits prostaglandin synthesis by inhibiting the enzyme phospholipase A₂. It reduces various vasoactive agents released during inflammation. It also controls the rate of protein synthesis.

Indications and Uses

Cortinex is indicated for IV or IM use in the following conditions: Primary or secondary adrenocortical insufficiency, Acute adrenocortical insufficiency, Shock unresponsive to conventional therapy, Congenital adrenal hyperplasia, Hypercalcemia associated with cancer, Non-suppurative thyroiditis, Rheumatic Disorders, Dermatologic Diseases (Allergic States, Severe seborrheic dermatitis, Severe psoriasis, Pemphigus, Severe erythema multiforme), Control of severe or incapacitating allergic conditions (Bronchial asthma, Contact dermatitis, Atopic dermatitis, Serum sickness, Seasonal or perennial allergic rhinitis, Drug hypersensitivity reactions, Urticarial transfusion reactions, Acute noninfectious laryngeal edema), Ophthalmic Diseases (Herpes zoster ophthalmicus, Iritis, Iridocyclitis, Chorioretinitis, Diffuse posterior uveitis and choroiditis, Optic neuritis), Gastrointestinal Diseases, Fulminating or disseminated pulmonary tuberculosis when used concurrently with appropriate antituberculous chemotherapy, Loeffler's syndrome, Aspiration pneumonitis, Hematologic Disorders (Acquired autoimmune hemolytic anemia, Idiopathic thrombocytopenic purpura in adults, Secondary thrombocytopenia, Erythroblastopenia), Neoplastic Diseases (Leukemias and lymphomas in adults, Acute leukemia of childhood), Edematous states, Acute exacerbations of multiple sclerosis.

Dosage & Administration

Adult: By IM injection or slow IV injection or infusion: The initial dose is 100 mg to 500 mg, depending on the severity of the condition. This dose may be repeated at intervals of 2, 4 or 6 hours as indicated by the patient's response and clinical condition.

Child: By slow IV injection, up to 1 year- 25 mg, 1-5 years- 50 mg, 6-12 years- 100 mg.

Side effects

Hydrocortisone is generally well tolerated except in prolonged high doses. It may predispose to esophageal candidiasis and cause menstrual irregularity, weight gain, euphoria, mood swings, depression, insomnia and acne.

Precautions

Hydrocortisone should be used with caution in patients with a history of peptic ulceration as it increases the incidence of peptic ulceration. This drug should be used with caution in patients with cardiac failure, hypertension, glaucoma, diabetes mellitus and epilepsy.

Use in pregnancy & lactation

This should be prescribed in pregnancy and lactation only if absolutely required.

Contraindications

Cortinex is contraindicated in systemic fungal infections and patients with known hypersensitivity to the product and its constituents.

Drug interactions

Drugs that induce hepatic enzymes such as Phenobarbital, Phenytoin and Rifampin may increase the clearance of corticosteroids and may require increases in corticosteroid dose to achieve the desired response. Drugs such as Troleandomycin and Ketoconazole may inhibit the metabolism of corticosteroids and thus decrease their clearance. Therefore, the dose of corticosteroid should be titrated to avoid steroid toxicity.

Storage

Store in a cool & dry place, protected from light.

Packaging

Cortinex Injection: Each carton contains 1 vial with 1 ampoule of 2 ml Water for Injection BP in blister pack.

Manufactured by



Ziska Pharmaceuticals Ltd.

Gazipur, Bangladesh