The oral dexamethasone sodium phosphate tablets (fluticasone propionate) for the treatment of asthma, allergic rhinitis, and dermatologic conditions. In addition, fluticasone propionate is effective for treating irritant dermatitis, atop dermatitis, and contact dermatitis caused by various allergens including metal dermatitis and occupational dermatitis due to repeated exposure to irritants.

**Pharmacodynamics**

Fluticasone propionate is a potent topical corticosteroid that affects the synthesis and function of inflammatory cells. It reduces the number of mast cells and basophils in the skin, decreases the release of histamine and other inflammatory mediators, and decreases the infiltration of eosinophils and neutrophils in the skin. It also suppresses the formation of collagen and elastic fibers, which helps to reduce the signs and symptoms of dermatitis and other inflammatory conditions.

**Pharmacokinetics**

Fluticasone propionate is absorbed through the skin and is primarily metabolized in the liver. The plasma half-life of fluticasone propionate is approximately 4-6 hours. The metabolites of fluticasone propionate are excreted in the urine and feces.

**Indications**

Fluticasone propionate is indicated for the treatment of dermatitis caused by irritant and allergic contact dermatitis, and for the treatment of atopic dermatitis.

**Dosage and Administration**

Fluticasone propionate is applied to the affected skin using a薄膜状剂 or a spray. The recommended dosage is up to 4-8 mg of fluticasone propionate per day. The duration of treatment and the frequency of application depend on the severity of the dermatitis.

**Contraindications**

Fluticasone propionate should not be used in patients with a history of sensitivity to any of the components of the product, or in patients with other skin conditions that are exacerbated by use of corticosteroids.

**Warnings and Precautions**

Fluticasone propionate should be used cautiously in patients with a history of skin infections, as it may exacerbate the underlying condition.

**Adverse Reactions**

The most common adverse reactions associated with the use of fluticasone propionate are skin irritation, redness, scaling, and pruritus.

**Overdosage**

There is no specific antidote for overdosage with fluticasone propionate, and treatment is primarily symptomatic and supportive.

**Product Information**

Fluticasone propionate is available in ointment, cream, and spray formulations. It is supplied in 10-g, 20-g, and 50-g tubes of ointment, and 30-g tubes of cream. The spray is available in 50-g and 100-g bottles.

**References**


