Myco HC Cream

Miconazole Nitrate BP 2% & Hydrocortisone BP 1%

Composition

Myco HC Cream: Each gram contains Miconazole Nitrate BP 20 mg & Hydrocortisone BP 10 mg.

Description

Myco HC is a combination of Miconazole Nitrate BP & Hydrocortisone BP. Miconazole Nitrate is an imidazole antifungal agent and possesses antibacterial activity. It kills fungi, yeasts and some bacteria (*Staphylococcus* and *Streptococcus* species). Miconazole works by preventing fungi from producing a substance called ergosterol, which is a component of fungal cell membranes. The cell membranes of fungi are vital for their survival. They keep unwanted substances from entering the cells and stop the contents of the cells from leaking out. Without ergosterol as part of the cell membrane, the membrane is weakened and damaged, and essential constituents of the fungal cells can leak out. This kills the fungi. Hydrocortisone is a type of medicine known as a corticosteroid. Corticosteroids are hormones that are produced naturally by the adrenal glands and have many important functions; including control of inflammatory response. Hydrocortisone is used to decrease inflammation in the skin. When applied to the skin it is absorbed into the skin cells. Here it works by preventing the release of certain chemicals from the cells. These chemicals are important in the immune system, and are released as a result of irritation. They cause blood vessels to widen, resulting in the affected area of skin becoming red, swollen, itchy and painful. By decreasing the release of these chemicals in the skin, hydrocortisone reduces inflammation and thus relieves swelling, redness and itching.

Indications

For the topical treatment of inflammed dermatoses where infection by susceptible organisms and inflammation coexist e.g. intertrigo and infected eczema. For moist or dry eczema or dermatitis including atopic eczema, primary irritant or contact allergic eczema or seborrheic eczema including that associated with acne. Also for interiginous eczema including inflammatory interigo, perianal and genital dermatitis. Organisms which are Miconazole Nitrate & Hydrocortisone susceptible to miconazole are dermatophytes and pathogenic yeasts (e.g.*Candida spp.*): also many Gram-positive bacteria including many strains of *Streptococcus* and **Staphylococcus**.

Dosage & Administration

It should be applied topically to the affected area two or three times daily. The same dosage applies to both adults and children. In infants, long term continuous topical corticosteroid therapy should be avoided. Occlusive dressing is usually only necessary in the case of nail lesions. Once the inflammatory symptoms have disappointed (after about 7days) treatment can be continued where necessary.

Contraindications

Hypersensitivity to any of the ingredient. Tubercular or viral infections of the skin or those caused by gram negative bacteria.

Side-Effects

Rarely local sensitivity may occur. Topically applied corticosteroids can be absorbed in sufficient amounts to produce systemic effects.

Precautions

It should be used with caution when applied to extensive surface areas or under occlusive dressings including baby napkins. Application to the extensive surface areas of the face should be avoided. In infants, long term continuous topical corticosteroid therapy should be avoided. Adrenal suppression may occur even without occlusion.

Drug Interactions

Amphotericin antagonises effect of Miconazole.

Pregnancy & Breastfeeding

Administration of corticosteroids to pregnant animal at high doses can cause abnormalities of fetal development. Topical steroids should not be extensively used in pregnancy.

How Supplied

Myco HC : Tube containing 10 gm cream.

Pharmasia

Manufactured by
Pharmasia Limited
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