

Ecot Cream

Econazole Nitrate and Triamcinolone Acetonide

COMPOSITION:

Ecot Cream: Each gram cream contains Econazole Nitrate BP 10 mg and Triamcinolone Acetonide BP 1 mg.

PHARMACOLOGY:

Ecot cream is a broad spectrum antimycotic with anti-inflammatory, anti-pruritic and anti-allergic effects. This cream is composed of Econazole Nitrate, a powerful antifungal and Triamcinolone Acetonide, to enforce its antimicrobial effect and the effect of subduing comprehensive inflammations, therefore, it provides remarkable effects on mixed infections of gram-positive and fungus, eczema and recurrent inflammations and shows special effects on bacterial inflammations of skin folds. The range of action of econazole covers all dermatomycoses caused by the following pathogens:- Dermatophytes, such as *Trichophyton*, *Epidermophyton*, *Microsporum*, *Cladosporium*, Yeasts, such as *Candida*, *Cryptococcus neoformans*, *Torulopsis*, *Rhodotorula*, *Moulds*, Fungi, such as *Scopulariopsis brevicaulis*, *Aspergillus flavus*, *Histoplasma capsulatum*, *Blastomycosis dermatitidis*, and others. As well as *Malassezia furfur* and *Nocardia minutissima*.

Moreover, it has antibacterial effect on gram-positive cocci and bacilli, including *Streptococcus pyogenes* and *Staphylococcus aureus*. It is also effective against *Trichomonus vaginalis*, *versicolor* and *balanitis*. On the other hand, Triamcinolone Acetonide is a synthetic steroid which inhibits not only the early phenomena of the inflammatory process but also the later manifestations.

Econazole Nitrate is only slightly (< 0.1%) absorbed from the skin. So no active drug has been detected in the serum. But Triamcinolone Acetonide is well absorbed from sites of local application.

INDICATION:

It is indicated for the treatment of steroid-responsive inflammatory dermatoses with econazole-sensitive mycotic and/or bacterial superinfections like:

- Eczematous mycosis,
 - Eczema marginatum hebecae,
 - Herpes circinatum,
 - Folliculitistrichophytica,
 - Mycosis barbae
- Onychomycoses- for the treatment of onychomycoses, local therapy with Econazole/Triamcinolone cream, combined with an oral antimycotic is recommended.

DOSAGE AND ADMINISTRATION:

For topical administration only.

Adults: Apply twice daily to the affected area and rub on the skin gently with the finger. Continue the applications for 14 days or as directed by the doctor.

Children: Suitable for topical application to children.

CONTRAINDICATION:

Not to be used in the treatment of tuberculous lesions and viral diseases of the skin (herpes, vaccinia, varicella).

SIDE EFFECTS:

Rarely, transient local mild irritation, itching & redness may occur immediately after application. Econazole has minimal allergenic effect and is well tolerated, even by delicate skin. Adrenal suppression on long term continuous topical steroid therapy may occur, particularly in infants or children, or when occlusive dressings are applied. It should be noted that an infant's napkin may act as an occlusive dressing.

PRECAUTIONS:

Hypersensitivity has rarely been recorded. If it occurs, application of the product should be discontinued. The infected area should be kept clean and dry during treatment.

USE IN PREGNANCY AND LACTATION:

Pregnancy: Not the Econazole but the Triamcinolone Acetonide crosses the placenta and topical administration of corticosteroids to pregnant animals can cause abnormalities of foetal development. The relevance of this finding to human beings has not been established. However, topical steroids in large amounts or for prolonged periods should not be used in pregnancy.

Lactation: Negligible amount of Econazole and to some extent Triamcinolone may be excreted in small amounts in breast milk. So, this cream should not be prescribed to the lactating mother or if prescribed, lactation should be withheld during treatment.

OVERDOSAGE:

Ecot cream is intended for topical use. If accidental ingestion of large quantities of the product occurs, an appropriate method of gastric emptying may be used if considered desirable.

PHARMACEUTICAL PRECAUTION:

It should be stored in a cool and dry place, protected from light and moisture.

HOW SUPPLIED:

Ecot Cream: Each tube contains 10 g of cream.

Manufactured by:

MEDICON Pharmaceuticals Ltd.
Mirpur, Dhaka, Bangladesh