

Scaper

Permethrin

Topical cream

Presentation

Scaper cream 15 gm: Each 100 gm of cream contains Permethrin BP 5 gm.

Scaper cream 30 gm: Each 100 gm of cream contains Permethrin BP 5 gm.

Description

Scaper cream (Permethrin) is a topical scabicide agent. It contains Permethrin, a synthetic pyrethroid, which is active against a broad range of pests including lice, ticks, mites and fleas. It acts on the parasites' nerve cell membranes to disrupt the sodium channel current, resulting in delayed repolarization and paralysis of the pests.

Pharmacology

Permethrin induces electrochemical abnormalities across the membranes of excitable cells, leading to sensory hyperexcitability, in co-ordination and prostration. Permethrin is rapidly metabolized in mammals by ester hydrolysis to inactive metabolites which are excreted primarily in the urine. The principal metabolites of Permethrin are detectable in the urine within hours of a whole body application of the cream to healthy volunteers or scabies patients. The highest levels of excretion are detectable within the first 48 hours, but very low levels of metabolites are still detectable in the urine of some individuals 28 days after treatment.

Indication

Scaper cream is indicated for the treatment of scabies.

Dosage and administration

One application is generally curative.

Children aged 2 months to 1 year: up to ¼ of a Scaper cream 15 gm tube

Children aged 1-5 years: up to ½ of a Scaper cream 15 gm tube

Children aged 6-12 years: up to 1 Scaper cream 15 gm tube

Adults and children (over 12 years): up to 1 Scaper cream 30 gm tube or as directed by the physician.

How to use

Before applying the cream the skin should be cleaned, dry and cool. If the body is hot due to warm bath or any other reason, skin should be allowed to cool. It should be applied to the whole body excluding head. The whole body should be washed thoroughly 8-12 hours after treatment. Adults and children above 12 years will use a 30 gm tube as a single dose. If necessary maximum 60 gm can be used as a single dose. The cream should not be applied to the vicinity of mouth and areas close to the eyes. Patients of > 2 months of age can use the dermal cream.

Precaution and Contraindication

Permethrin is contraindicated in subjects with known hypersensitivity to the product, its components, other pyrethroids or pyrethrins. Permethrin is not an eye-irritant, but the cream itself may cause marked irritation. Nursing staff who routinely apply permethrin, may wear gloves to avoid any possible irritation to the hands.

Side Effects

In scabies patients, skin discomfort, usually described as burning, stinging or tingling occurs in a few individuals soon after the cream is applied. Other transient signs and symptoms of irritation including erythema, edema, eczema, rash and pruritus which may follow the treatment of scabies with Permethrin are generally considered to be the part of the natural history of scabies. In patients treated for scabies, itching may persist for up to 4 weeks post-treatment. This is generally regarded as due to an allergic reaction to the dead mites under the skin and is not necessarily indicative of a treatment failure.

Overdose

There are no reports of overdosage with Permethrin. It is possible that excessive application of Permethrin might result in localized adverse reactions or more severe skin reactions.

Drug Interaction

The treatment of eczematous-like reactions with corticosteroids should be withheld prior to treatment with Permethrin, as there is a risk of exacerbating the scabies infestation by reducing the immune response to the mite.

Pregnancy and lactation

There are limited data on the use of Permethrin in pregnancy, which provide no indication of any risk to the fetus. Furthermore, the amount of Permethrin absorbed systemically following a whole body application is extremely low. The negative mutagenicity tests and the very low mammalian toxicity would suggest that any risk to the fetus following treatment with Permethrin is minimal. In spite of these, **Scaper cream** is suggested not be used during pregnancy. It is not known whether Permethrin is excreted in human breast milk. So, it should not be used in nursing mothers.

Storage

Store below 25°C. Do not freeze.

Commercial pack

Scaper cream 15 gm: Each pack has an aluminium collapsible tube containing 15 gm of the cream.

Scaper cream 30 gm: Each pack has an aluminium collapsible tube containing 30 gm of the cream.

Manufactured by



For further query on the use of this medicine, consult to a registered Doctor or Pharmacist.