

Avemec®

Ivermectin BP 0.5%

Description:

Ivermectin is a semi-synthetic, Anthelmintic agent derived from the class of avermectins which is highly active broad spectrum anti-parasitic agent used to treat many types of parasite infestations like Head lice, Scabies, River-blindness (onchocerciasis), Strongyloidiasis, Trichuriasis, Ascariasis and Lymphatic Filariasis etc. Ivermectin topical preparation is applied to the skin for external infestations.

Mode of action:

Ivermectin selectively binds and with high affinity to glutamate-gated chloride ion channels, which occur in invertebrate nerve and muscle cells leading to an increase in the permeability of cell membranes to chloride ions with hyperpolarization of the nerve or muscle cell and, ultimately, death of the parasite.

Composition:

Avemec® 0.5% Lotion: Each gm lotion contains 5 mg Ivermectin BP in lami tube pack.

Indications:

Topical treatment of head lice infestations in patients 6 months of age and older.

Dosage & Administration: **Avemec®** is only for topical use in scalp & scalp hair. It is not for oral, ophthalmic, or intravaginal use. **Avemec®** Lotion should be applied to dry hair in an amount sufficient to thoroughly coat the hair and scalp. Keep lotion on the hair and scalp for 10 minutes, and then rinse off with water. The tube is intended for single use; any unused portion should be discarded. Contact with eyes should be avoided.

Instruction for using Avemec® lotion



Fig. 1



Fig. 2



Fig. 3



Fig. 4

- * Your hair and scalp must be completely dry before applying **Avemec®** Lotion
- * Apply **Avemec®** Lotion directly to dry hair and scalp. (See figure-1)
- * Completely cover your scalp and hair closest to the scalp first, and then apply outwards towards the ends of your hair. (See figure-2)
- * Rub **Avemec®** Lotion throughout your hair. (See figure-3)
- * It is important to completely cover your entire head so that all lice and eggs are

exposed to the lotion. Be sure that each hair is coated from the scalp to the tip.

* Use sufficient quantities to completely cover hair & scalp (for shorter hair, 60 gm or 1 tube may be sufficient, but for longer hair, up to 120 gm or 2 tubes may be required).

* Allow **Avemec®** Lotion to stay on your hair and scalp for 10 minutes after it has been applied. Start timing after you have completely covered your hair and scalp with Ivermectin Lotion.

* After 10 minutes, completely rinse **Avemec®** Lotion from your hair and scalp using only water. (See figure-4)

* After application of **Avemec®** Lotion, you or anyone who helps you to apply the lotion should wash hands properly.

Contraindications:

None.

Side Effects:

Conjunctivitis, Ocular hyperemia, Eye irritation, Dandruff, Dry skin, Skin burning sensation etc.

Pregnancy & Lactation:

Pregnancy Category C. There are no adequate and well-controlled studies in pregnant women. It should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus. Caution should be exercised when this lotion is administered to a nursing woman.

Precautions:

In order to prevent ingestion, it should only be administered to pediatric patients under the direct supervision of an adult. In case of accidental poisoning, supportive therapy, if indicated, should include parenteral fluids and electrolytes, respiratory support (oxygen and mechanical ventilation if necessary) and pressor agents if clinically significant hypotension is present. Induction of emesis and/or gastric lavage as soon as possible, followed by purgatives and other routine anti-poison measures, may be indicated if needed to prevent absorption of ingested material.

Storage:

Keep out of reach of children. Store in a dry place, below 25° C temperature and protected from light.

Packaging:

Avemec® 0.5% Lotion: Each carton contains 60 gm lotion in lami tube pack.



Manufactured by
Opsonin Pharma Limited
Rupatali, Barishal, Bangladesh
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