

Iverlim Tablet

Ivermectin 12mg Tablet Information

Generic Name:

Ivermectin

Strength:

12mg

Form:

Tablet

Therapeutic Class:

Anthelmintic (Anti-parasitic)

Description

Ivermectin is an anti-parasitic medication that works by paralyzing and killing various types of parasites. It is used to treat a range of parasitic infections, including those caused by roundworms, lice, and scabies. It interferes with the nerve and muscle function of the parasites, effectively eliminating them from the body.

Ivermectin is often used for the treatment of both internal and external parasitic infections and can be used in both humans and animals.

Indications

Ivermectin 12mg tablets are indicated for the treatment of:

- **Onchocerciasis (River Blindness):** Caused by the *Onchocerca volvulus* worm.
- **Strongyloidiasis:** Infection caused by *Strongyloides stercoralis*.
- **Scabies:** A skin infection caused by the mite *Sarcoptes scabiei*.
- **Head Lice:** Treatment for infestations caused by *Pediculus humanus capitis* (head lice).
- **Lymphatic Filariasis:** Caused by *Wuchereria bancrofti*.
- **Cutaneous Larva Migrans:** A skin condition caused by the larvae of certain hookworms.

Ivermectin can also be used in the treatment of other parasitic infections as directed by a healthcare provider.

Dosage and Administration

The dosage of Ivermectin 12mg will depend on the type of infection being treated. It is typically taken orally with water, either on an empty stomach or as directed by your healthcare provider.

- **For Onchocerciasis (River Blindness):**
 - **Adults:** A single dose of 12mg, followed by additional doses as prescribed by the doctor, usually at intervals of 6-12 months.
 - **Children:** Dosing for children is typically based on weight, and a healthcare provider will determine the appropriate dose.
- **For Strongyloidiasis:**

- **Adults:** Typically 12mg as a single dose, but a second dose may be required after a few weeks.
- **For Scabies:**
 - **Adults:** 12mg as a single dose, possibly repeated after 1-2 weeks.
- **For Lymphatic Filariasis:**
 - **Adults:** 12mg as a single dose, with possible repeat dosing at the discretion of a healthcare provider.

Note: The dosage and length of treatment will depend on the infection being treated and the patient's condition. Always follow the dosing instructions provided by your healthcare provider.

Contraindications

- **Hypersensitivity:** Known hypersensitivity or allergic reaction to ivermectin or any of its components.
 - **Meningitis:** Ivermectin should not be used in patients with meningitis or in those with certain brain infections (e.g., African sleeping sickness).
 - **Children:** Ivermectin should not be used in children weighing less than 15 kg (approximately 33 lbs), unless specifically prescribed by a healthcare provider.
 - **Pregnancy:** Ivermectin should be used with caution during pregnancy, particularly during the first trimester. It should only be used when absolutely necessary and when the benefits outweigh the risks.
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Precautions

- **Neurological Effects:** Patients with neurological conditions such as seizures should use ivermectin with caution, as the medication can cause neurological side effects, including dizziness, confusion, or unsteadiness.
 - **Liver Function:** Use with caution in patients with impaired liver function, as it may increase the risk of side effects due to slower metabolism of the drug.
 - **Pregnancy and Lactation:** Ivermectin should only be used in pregnancy if the potential benefit justifies the risk. It is excreted in breast milk, so caution is advised when used during breastfeeding.
 - **Drug Interactions:** Ivermectin may interact with certain medications, including those used for epilepsy, and drugs that affect liver enzymes.
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Side Effects

Common side effects may include:

- Headache
- Dizziness or lightheadedness
- Nausea
- Fatigue
- Abdominal pain
- Itching or skin rash

Serious side effects, though rare, may include:

- Severe allergic reactions (e.g., rash, itching, swelling, difficulty breathing)
- Meningitis symptoms (in rare cases of onchocerciasis treatment,

- including fever, stiff neck, or confusion)
- **Severe neurological effects: Seizures, confusion, or loss of coordination**
- **Eye problems: Redness, pain, or swelling in the eyes, particularly for those being treated for onchocerciasis.**

If any serious side effects occur, seek medical attention immediately.

Drug Interactions

- **CNS Depressants: Caution is advised when combining ivermectin with other central nervous system depressants, as it may increase sedation or dizziness.**
 - **Drugs Affecting the Liver: Ivermectin is metabolized in the liver, so drugs that affect liver enzymes (e.g., cytochrome P450 inhibitors) may alter its efficacy or increase side effects.**
 - **Other Anthelmintics: Combining ivermectin with other anthelmintic drugs may increase the risk of side effects or toxicity.**
 - **Anticonvulsants: Ivermectin should be used with caution in patients taking anticonvulsants (e.g., phenytoin) due to the risk of interactions.**
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Storage Instructions

- **Store at room temperature (15-30°C) in a dry, cool place, away from direct sunlight.**
- **Keep out of reach of children and pets.**

- **Do not store in the bathroom or areas with high humidity.**
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Additional Notes

- **Complete the Full Course of Treatment: It is important to complete the full course of treatment to ensure that the parasite is completely eradicated.**
- **Follow-Up: Patients should follow up with their healthcare provider after treatment to confirm that the infection has been successfully treated, especially in the case of parasitic infections like onchocerciasis or strongyloidiasis.**
- **Consult a Healthcare Provider: Always consult a healthcare provider before starting treatment, particularly if you are pregnant, breastfeeding, or have underlying health conditions.**

By following the prescribed treatment plan and attending follow-up visits, patients can increase their chances of effectively eradicating the parasitic infection and minimizing complications.

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