

Fuoziff 150 Tablet

Fluconazole (150mg) Tablet

Composition: Each tablet contains:

- **Fluconazole** – 150 mg

Pharmacological Actions: Fluconazole is an antifungal medication that works by inhibiting the synthesis of ergosterol, an essential component of fungal cell membranes. By blocking the enzyme lanosterol 14 α -demethylase, Fluconazole prevents the conversion of lanosterol to ergosterol, which disrupts the fungal cell membrane, leading to its damage and ultimately the death of the fungus. This action makes Fluconazole effective against a wide range of fungal infections.

Indications:

- **Vaginal Candidiasis:** Fluconazole 150 mg is commonly used for the treatment of uncomplicated vaginal yeast infections caused by *Candida* species.
- **Oropharyngeal Candidiasis:** It is used for the treatment of oral thrush in immunocompromised individuals, such as those with HIV/AIDS or undergoing chemotherapy.
- **Systemic Fungal Infections:** Fluconazole is also effective in treating systemic fungal infections like cryptococcal meningitis, candidemia, and other serious fungal infections.
- **Prevention of Fungal Infections:** In immunocompromised patients (e.g., those with HIV/AIDS), Fluconazole is used to prevent fungal infections like *Candida* infections.
- **Other Candida Infections:** It can be used for infections in other areas of the body, such as the skin, nails, and urinary tract, caused by *Candida* species.

Dosage and Administration:

- **Vaginal Candidiasis:** Typically, a single 150 mg dose is sufficient for the treatment of uncomplicated vaginal yeast infections.
- **Oropharyngeal Candidiasis:** The usual dosage is 50-100 mg once daily for 7 to 14 days, depending on the severity of the infection.
- **Systemic Fungal Infections:** For treating serious infections, the usual initial dose is 400 mg on the first day, followed by 200-400 mg once daily for the duration of the infection.
- **Prevention:** For prevention of fungal infections in immunocompromised patients, the dose is generally 100-200 mg once daily.

Fluconazole tablets should be taken orally with or without food. It is important to follow the prescribed dosage regimen exactly as directed by your healthcare provider.

Contraindications:

- **Hypersensitivity:** Fluconazole is contraindicated in patients with known hypersensitivity to Fluconazole or other azole antifungal agents.
- **Pregnancy:** Fluconazole should not be used during pregnancy, especially during the first trimester, unless clearly needed and prescribed by a doctor. High doses of Fluconazole have been associated with an increased risk of birth defects.
- **Concomitant Use with Certain Medications:** Fluconazole should not be used with certain drugs, particularly drugs that are metabolized by the cytochrome P450 enzyme system (such as cisapride, pimozide, and quinidine), as it can increase the risk of serious side effects due to drug interactions.

Warnings and Precautions:

- **Liver Function:** Caution should be taken in patients with a history of liver disease. Liver

function tests should be monitored periodically during treatment, as Fluconazole can cause hepatotoxicity (liver damage).

- **Renal Function:** In patients with impaired renal function, Fluconazole dosage may need to be adjusted, as it is primarily excreted via the kidneys.
- **QT Prolongation:** Fluconazole can cause QT interval prolongation, which may increase the risk of arrhythmias. Caution is advised when administering to patients with preexisting heart conditions.
- **Pregnancy and Lactation:** Fluconazole should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus. It is excreted in breast milk and should be used with caution during breastfeeding.
- **Drug Interactions:** Fluconazole can interact with other medications, including warfarin, certain anticonvulsants, and drugs metabolized by the liver. Always inform your doctor about any other medications you are taking.

Side Effects:

- **Common:** Headache, nausea, abdominal pain, diarrhea, and dizziness.
- **Less common:** Rash, increased liver enzymes, and taste disturbances.
- **Serious:** Hepatotoxicity (liver damage), QT prolongation, and severe allergic reactions (e.g., anaphylaxis, angioedema, or rash).

Drug Interactions:

- **CYP450 Enzyme Inhibitor:** Fluconazole inhibits the CYP450 enzyme system, which can affect the metabolism of other drugs, including warfarin, cyclosporine, phenytoin, and benzodiazepines.
- **Terfenadine and Astemizole:** Fluconazole may increase the levels of these drugs in the blood, leading to an increased risk of serious arrhythmias. These medications should be avoided during treatment with Fluconazole.
- **Oral Anticoagulants:** Fluconazole may enhance the effects of oral anticoagulants like warfarin, increasing the risk of bleeding.

Frequent monitoring of INR (International Normalized Ratio) is recommended.

Storage: Store at room temperature (15-30°C), in a tightly closed container, away from moisture and light. Keep out of reach of children.

Presentation: Fluconazole 150 mg tablets are available in blister packs or bottles, typically in packs of 1, 2, or 4 tablets.

Manufacturer: [Insert Manufacturer Name]
[Insert Contact Information]

Fluconazole is an effective antifungal treatment for a variety of fungal infections, including vaginal yeast infections, oral thrush, and systemic infections. It is generally well-tolerated, but should be used under the guidance of a healthcare provider due to its potential for drug interactions and side effects.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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Panchkula-134113

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