

Lexoziff OZ Tablet

Levofloxacin (250mg) + Ornidazole (500mg) Tablet: Information Guide

Description

This combination tablet contains Levofloxacin, a broad-spectrum antibiotic, and Ornidazole, an antiprotozoal and antibacterial agent. It is effective against a wide range of bacterial and protozoal infections, particularly mixed infections where both anaerobic bacteria and protozoa are involved.

Composition

- **Levofloxacin: 250mg** (a fluoroquinolone antibiotic).
 - **Ornidazole: 500mg** (a nitroimidazole derivative with antiprotozoal and antibacterial properties).
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Mechanism of Action

1. **Levofloxacin:**
 - Inhibits bacterial DNA gyrase and topoisomerase IV, preventing bacterial DNA replication, transcription, and repair, leading to bacterial death.
 - Effective against Gram-positive and Gram-negative bacteria.
2. **Ornidazole:**
 - Disrupts DNA synthesis in anaerobic bacteria and protozoa, leading to cell death.
 - Effective against anaerobes and protozoal infections like amoebiasis and giardiasis.

Indications

This tablet is indicated for the treatment of:

- Mixed bacterial and protozoal infections.
 - Gastrointestinal infections such as amoebic dysentery and giardiasis.
 - Pelvic inflammatory disease.
 - Surgical site infections.
 - Respiratory tract infections with suspected anaerobic involvement.
 - Dental infections.
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Dosage and Administration

- **Recommended Dose:** One tablet twice daily or as prescribed by a healthcare professional.
 - **Route:** Oral, to be taken after meals with a full glass of water.
 - **Duration:** Follow the full course of treatment to prevent resistance or relapse.
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Contraindications

- Hypersensitivity to levofloxacin, ornidazole, or any other fluoroquinolones or nitroimidazole derivatives.
 - Epilepsy or history of seizures.
 - Severe liver or kidney impairment (consult a doctor for dose adjustment).
 - Pregnancy and breastfeeding unless prescribed by a doctor.
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Warnings and Precautions

- **Avoid exposure to direct sunlight or UV light during treatment (risk of photosensitivity).**
 - **Use cautiously in individuals with a history of tendon disorders or joint problems.**
 - **Avoid alcohol consumption during treatment to prevent disulfiram-like reactions (nausea, vomiting, and flushing).**
 - **Monitor for signs of superinfection or prolonged diarrhea, which could indicate *Clostridioides difficile*-associated colitis.**
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Adverse Effects

- **Common: Nausea, vomiting, diarrhea, headache, dizziness.**
 - **Less Common: Rash, abdominal pain, metallic taste, or fatigue.**
 - **Rare but Serious: Tendon rupture, peripheral neuropathy, QT prolongation, allergic reactions (seek medical attention if these occur).**
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Drug Interactions

- **Avoid concurrent use with antacids, calcium, or iron supplements as they may reduce levofloxacin absorption.**
 - **May interact with blood-thinning medications (e.g., warfarin) and enhance anticoagulant effects.**
 - **Avoid simultaneous use with other neurotoxic drugs to reduce the risk of seizures.**
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Storage

- **Store at a temperature below 25°C in a dry place.**

- **Keep out of reach of children.**
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Key Points

- **This tablet is effective for treating mixed infections involving bacteria and protozoa.**
 - **Complete the full course of therapy as prescribed to prevent the development of resistance.**
 - **Inform your healthcare provider about any pre-existing conditions or ongoing medications.**
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Note: This medication should only be taken under the supervision of a qualified healthcare professional. If symptoms persist or worsen, consult your doctor promptly.

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Cafoli Lifecare Pvt. Ltd.

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