

Lexoziff OZ Suspension

Levofloxacin (125mg/5ml) + Ornidazole (125mg/5ml) Suspension

Description

Levofloxacin (125mg/5ml) + Ornidazole (125mg/5ml) Suspension is a combination antibiotic and antiprotozoal medication used to treat a variety of infections caused by bacteria and parasites. This combination works by inhibiting the growth of harmful microorganisms, thereby treating infections effectively.

- **Levofloxacin:** A broad-spectrum fluoroquinolone antibiotic that inhibits bacterial DNA synthesis by blocking the enzyme DNA gyrase, which is essential for bacterial replication. This helps to kill the bacteria and prevent their growth.
- **Ornidazole:** An antiprotozoal and antibacterial agent from the nitroimidazole class that works by damaging the DNA of microorganisms, thus inhibiting their replication and killing the organisms.

This combination is effective for treating a wide range of infections, including respiratory, gastrointestinal, and urogenital infections, as well as infections caused by anaerobic bacteria and protozoa.

Composition

Each 5 ml of the suspension contains:

- **Levofloxacin:** 125 mg
- **Ornidazole:** 125 mg

Excipients: The suspension may also contain flavoring agents, preservatives, and other inactive ingredients to ensure stability and palatability.

Indications

This suspension is indicated for the treatment of various infections caused by susceptible microorganisms, including:

- **Respiratory Tract Infections:** Such as pneumonia, bronchitis, and sinusitis.
 - **Gastrointestinal Infections:** Including bacterial gastroenteritis and infections caused by anaerobic bacteria.
 - **Urinary Tract Infections:** Including cystitis and pyelonephritis.
 - **Genital and Reproductive Tract Infections:** Such as infections caused by protozoa or anaerobic bacteria.
 - **Protozoal Infections:** Especially in cases of giardiasis and amoebiasis.
 - **Soft Tissue Infections:** Including abscesses or cellulitis.
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Dosage and Administration

- **Recommended Dosage:**
 - **Adults:** The usual dose is 10 ml (250mg Levofloxacin + 250mg Ornidazole) per day, divided into two doses. The exact dosage may depend on the severity of the infection and the doctor's prescription.
 - **Children:** The dose for children must be determined by a healthcare professional based on their age, weight, and the type of infection being treated.
 - **Administration Instructions:**
 - Shake the bottle well before each use to ensure uniform suspension.
 - Measure the required dose using the measuring cup or syringe provided with the product.
 - Take the suspension orally, with or without food.
 - Complete the full course of treatment as prescribed, even if symptoms improve before the full course is finished, to avoid the development of drug resistance.
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Contraindications

- **Hypersensitivity to Levofloxacin, Ornidazole, or any other ingredients in the suspension.**
 - **Severe Liver or Kidney Disease:** Use with caution or avoid use in patients with severe liver or kidney impairments.
 - **Pregnancy and Lactation:** Not recommended during pregnancy and breastfeeding unless the potential benefits outweigh the risks. Consult a healthcare provider.
 - **Children under 12 years of age:** Use in children should be under medical supervision, as the safety and efficacy in very young children have not been well-established.
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Warnings and Precautions

- **Prolonged Use:** Prolonged use of antibiotics, including Levofloxacin, may result in superinfection or fungal overgrowth.
 - **Tendon Issues:** Levofloxacin can cause tendonitis or tendon rupture. Patients should report any pain, swelling, or inflammation in tendons.
 - **Central Nervous System Effects:** Both Levofloxacin and Ornidazole may cause dizziness, confusion, or seizures in some individuals. Caution is advised in those with a history of seizures or central nervous system disorders.
 - **Liver Impairment:** Both drugs should be used with caution in patients with liver dysfunction, and monitoring of liver function may be necessary.
 - **Alcohol Consumption:** Ornidazole should be avoided in combination with alcohol, as it can cause a disulfiram-like reaction, including symptoms like flushing, nausea, and vomiting.
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Side Effects

Common side effects include:

- **Gastrointestinal Disturbances:** Nausea, vomiting, diarrhea, abdominal pain, or loss of appetite.
- **Headache or dizziness.**

- **Skin Rash or itching.**
- **Tiredness or weakness.**

Serious side effects, although rare, may include:

- **Severe Allergic Reactions:** Such as difficulty breathing, swelling of the face or throat, or hives.
- **Tendon Pain or Swelling** (more common with Levofloxacin).
- **Severe Liver Damage:** Signs include jaundice (yellowing of the skin/eyes), dark urine, and pale stools.
- **Neurological Effects:** Including seizures or confusion.
- **Stevens-Johnson Syndrome:** A rare but serious skin condition causing blisters and peeling.

If any of these occur, stop using the medication and seek immediate medical attention.

Drug Interactions

- **Antacids and Iron Supplements:** May decrease the absorption of Levofloxacin, reducing its effectiveness. It is recommended to take the medication at least 2 hours before or 2 hours after taking antacids or iron supplements.
 - **Other Antibiotics:** Use caution when combining with other antibiotics, as this may increase the risk of side effects or contribute to antibiotic resistance.
 - **Corticosteroids:** When used together with corticosteroids, the risk of tendon rupture may be increased.
 - **Anticoagulants:** Levofloxacin may increase the effects of warfarin and other anticoagulants, increasing the risk of bleeding.
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Storage Instructions

- **Store the suspension at room temperature, away from direct heat and light.**
- **Keep the bottle tightly closed when not in use.**
- **Do not freeze.**

- **Keep out of reach of children.**
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Presentation

- **Form: Oral suspension**
 - **Strength: 125 mg Levofloxacin and 125 mg Ornidazole per 5 ml**
 - **Pack Size: Typically available in 30 ml or 60 ml bottles.**
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Conclusion

Levofloxacin (125mg/5ml) + Ornidazole (125mg/5ml) Suspension is an effective combination treatment for various bacterial and protozoal infections. It provides broad-spectrum antimicrobial activity, making it suitable for treating respiratory, gastrointestinal, and urinary tract infections, among others. It is important to follow the prescribed dose and complete the entire course of therapy to ensure the infection is fully treated and to avoid the development of resistance. Always consult with a healthcare provider for proper dosage and monitoring, especially for individuals with pre-existing health conditions.

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(An ISO 9001: 2015 Certified Co.)

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