

Lexoziff 750 Tablet

Levofloxacin (750mg) Tablet: Information Guide

Description

Levofloxacin 750mg is a potent fluoroquinolone antibiotic designed for the treatment of severe and complicated bacterial infections. It acts by inhibiting bacterial DNA replication and repair, effectively killing susceptible bacteria.

Composition

- **Levofloxacin: 750mg**
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Mechanism of Action

Levofloxacin works by targeting the bacterial enzymes DNA gyrase and topoisomerase IV, which are critical for bacterial DNA replication, transcription, and repair. By disrupting these processes, it halts bacterial growth and leads to the death of the bacteria.

Indications

Levofloxacin 750mg tablet is indicated for the treatment of:

- **Severe Respiratory Tract Infections:**
 - Community-acquired pneumonia
 - Acute exacerbations of chronic bronchitis
- **Complicated Urinary Tract Infections (UTIs) and Pyelonephritis**
- **Skin and Soft Tissue Infections**

- **Bone and Joint Infections**
 - **Intra-abdominal Infections (in combination therapy)**
 - **Prostatitis caused by susceptible organisms**
 - **Anthrax (post-exposure prophylaxis and treatment)**
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Dosage and Administration

- **Usual Dose: One tablet once daily or as directed by your healthcare provider.**
 - **Route: Oral, with a full glass of water.**
 - **Timing:**
 - Can be taken with or without food.
 - Avoid taking it within 2 hours of antacids, calcium, iron, or magnesium supplements.
 - **Duration: Follow the full course as prescribed, typically ranging from 5 to 14 days depending on the infection.**
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Contraindications

- **Hypersensitivity to levofloxacin, other fluoroquinolones, or any excipients in the tablet.**
 - **History of tendon disorders associated with fluoroquinolone use.**
 - **Epilepsy or history of seizures.**
 - **Pregnancy and lactation (use only if prescribed by a doctor).**
 - **Children and adolescents under 18 years unless explicitly directed by a physician.**
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Warnings and Precautions

- **Tendon Rupture:** Stop the medication and seek medical attention if you experience tendon pain, swelling, or inflammation.
 - **Photosensitivity:** Avoid excessive exposure to sunlight or UV light during and shortly after treatment.
 - **Central Nervous System Effects:** Use cautiously in individuals with a history of seizures, depression, or anxiety.
 - **QT Prolongation:** Use with caution in patients with heart conditions or electrolyte imbalances.
 - **Superinfection:** Prolonged use may lead to overgrowth of non-susceptible organisms, including fungi.
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Adverse Effects

- **Common:**
 - Nausea, diarrhea, headache, dizziness, abdominal pain.
 - **Serious (Seek Immediate Medical Attention):**
 - Tendon rupture or tendinitis
 - Severe allergic reactions (rash, swelling, difficulty breathing)
 - Peripheral neuropathy (tingling, burning sensations)
 - Clostridioides difficile-associated diarrhea
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Drug Interactions

- **Antacids and Mineral Supplements:** Avoid taking antacids, calcium, magnesium, or iron supplements close to levofloxacin as they reduce its absorption.
- **Anticoagulants (e.g., Warfarin):** May increase bleeding risk; monitor INR levels regularly.

- **QT-Prolonging Drugs:** Use cautiously with other medications that prolong the QT interval (e.g., certain antiarrhythmics or antipsychotics).
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Storage

- Store at a temperature below 25°C in a dry place.
 - Protect from direct sunlight and moisture.
 - Keep out of reach of children.
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Key Points

- Effective against a wide range of severe bacterial infections.
 - Complete the full course of treatment to prevent bacterial resistance.
 - Do not skip doses or stop medication prematurely, even if you feel better.
 - Inform your doctor about any pre-existing conditions or ongoing medications before starting therapy.
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Note: This medication should only be used under the supervision of a healthcare professional. If symptoms persist or worsen, or if side effects occur, contact your doctor immediately.

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Cafoli Lifecare Pvt. Ltd.

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