

Cefzlan 50 Dry Syrup

Cefixime (50 mg/5 ml) Dry Syrup

Composition

Each 5 ml of reconstituted syrup contains:

- Cefixime (as Cefixime Trihydrate): 50 mg
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Description

Cefixime 50 mg/5 ml Dry Syrup is a third-generation cephalosporin antibiotic indicated for the treatment of various bacterial infections in children. It works by inhibiting bacterial cell wall synthesis, leading to the death of susceptible bacteria.

Indications

Cefixime 50 mg/5 ml Dry Syrup is prescribed for:

- Upper respiratory tract infections: Tonsillitis, pharyngitis, and sinusitis
 - Lower respiratory tract infections: Bronchitis and pneumonia
 - Urinary tract infections: Cystitis and pyelonephritis
 - Otitis media (middle ear infections)
 - Typhoid fever
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Dosage and Administration

- Children (≥ 6 months to 12 years):

- The typical dose is 8 mg/kg/day, which can be given as:

- Once daily: 8 mg/kg as a single dose
- Twice daily: 4 mg/kg every 12 hours

- Administration:

- Shake the bottle well to loosen the powder. Add the recommended amount of water up to the mark and shake well until fully mixed.
- Administer the syrup using a calibrated measuring cup or syringe to ensure accurate dosing.

- Duration:

- The duration of treatment is typically 5–14 days, depending on the severity of the infection.

Note: Always follow your pediatrician's instructions for dosage and duration.

Preparation of the Suspension

1. Add boiled and cooled water in small quantities to the dry powder.
 2. Shake well after each addition until the powder is completely mixed.
 3. Adjust the volume to the mark on the bottle.
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Mechanism of Action

Cefixime inhibits bacterial cell wall synthesis by binding to penicillin-binding proteins (PBPs). This action disrupts

bacterial cell wall integrity, resulting in cell lysis and bacterial death.

Contraindications

- **Hypersensitivity to cefixime, other cephalosporins, or excipients in the formulation.**
 - **Severe allergic reactions to penicillins or other beta-lactam antibiotics.**
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Warnings and Precautions

- **Allergic Reactions:** Discontinue immediately if signs of an allergic reaction occur, such as rash, itching, or difficulty breathing.
 - **Renal Impairment:** Use with caution in children with kidney dysfunction; dose adjustment may be necessary.
 - **Superinfection:** Prolonged use may result in the overgrowth of resistant organisms.
 - **Clostridium difficile-associated Diarrhea (CDAD):** Monitor for severe diarrhea during or after treatment.
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Side Effects

Common side effects include:

- **Gastrointestinal:** Diarrhea, nausea, abdominal pain
 - **Allergic reactions:** Rash, urticaria, itching
 - **Others:** Headache, dizziness
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Drug Interactions

- **Anticoagulants:** Cefixime may increase the risk of bleeding; monitor INR/PT in patients taking anticoagulants like warfarin.
 - **Probenecid:** May increase serum cefixime levels.
 - **Live bacterial vaccines:** May reduce the efficacy of live bacterial vaccines (e.g., typhoid vaccine).
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Storage

- **Store the dry powder at room temperature (below 25°C).**
 - **Once reconstituted, store the syrup in a refrigerator (2–8°C) and use within 7 days.**
 - **Keep out of reach of children.**
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Note: Use this medication only under the guidance of a pediatrician. Complete the full course of treatment to prevent bacterial resistance. If severe side effects or an allergic reaction occurs, seek medical attention promptly.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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