

Fixolexin 250 Dry Syrup

Cephalexin (250mg/5ml) Dry Syrup

Composition:

Each 5 ml of reconstituted suspension contains:

- Cephalexin (as cephalexin monohydrate):
250 mg

Pharmacological Class:

- Antibiotic / Cephalosporin (First Generation)

Indications:

Cephalexin is a broad-spectrum antibiotic used to treat a wide variety of bacterial infections, including:

- Respiratory Tract Infections: Such as bronchitis, pneumonia, and tonsillitis.
- Ear Infections: Otitis media (middle ear infection).
- Urinary Tract Infections (UTIs): Infections of the bladder, kidneys, and urethra.
- Skin and Soft Tissue Infections: Including cellulitis, abscesses, and infections from cuts, burns, or wounds.
- Bone and Joint Infections: Like osteomyelitis.
- Dental Infections: To prevent or treat dental abscesses.

Mechanism of Action:

Cephalexin is a cephalosporin antibiotic that works by inhibiting the bacterial cell wall synthesis. Without a proper cell wall, bacteria cannot maintain their structural integrity, leading to their breakdown and eventual death. Cephalexin is effective against a wide range of gram-positive and some gram-negative bacteria.

Dosage and Administration:

- Adults:
The typical adult dose is 250 mg every 6

hours, although higher doses may be necessary depending on the severity and type of infection.

For more severe infections, the dose may be increased to 500 mg every 6 hours as directed by the healthcare provider.

- Children:

The dosage for children is based on body weight and the type of infection being treated. The usual dose is 25-50 mg/kg/day, divided into 2 to 4 doses.

- For children aged 1 month to 12 years, the dosage is generally 125 mg to 500 mg per day, divided into 2 to 4 doses every 6 to 12 hours.
- For infants under 1 month, cephalexin should be used under the supervision of a healthcare provider.

To prepare the suspension, add the required amount of water to the powder in the bottle and shake well to mix. Follow the manufacturer's instructions for reconstitution and ensure proper dosing with the included measuring device.

Contraindications:

- Hypersensitivity: Contraindicated in patients with a known allergy to cephalexin, other cephalosporins, or penicillin antibiotics.
- Severe Renal Impairment: Use with caution in patients with kidney problems, as dosage adjustments may be required.

Warnings and Precautions:

- Allergic Reactions: Cephalexin may cause allergic reactions, ranging from mild rashes to severe anaphylaxis. If symptoms of an allergic reaction occur, discontinue use and seek immediate medical attention.
- Antibiotic Resistance: Do not misuse antibiotics, as inappropriate use can lead to antibiotic resistance. Complete the

prescribed course, even if symptoms improve.

- **Renal Function:** Cephalexin is excreted primarily through the kidneys, and dosage adjustments may be necessary for patients with kidney disease.
- **Gastrointestinal Effects:** Cephalexin may cause gastrointestinal side effects like nausea, vomiting, or diarrhea. If severe diarrhea develops or if blood is present in stools, contact a healthcare provider.
- **Pregnancy and Lactation:** Cephalexin is generally considered safe during pregnancy and breastfeeding, but it should be used under medical supervision.

Side Effects:

- **Common Side Effects:**
 - Nausea, vomiting
 - Diarrhea
 - Abdominal discomfort
 - Skin rash or itching
 - Headache
- **Serious Side Effects:**
 - Severe allergic reactions (rash, itching, difficulty breathing)
 - Diarrhea, especially if watery or bloody, which may indicate a *Clostridium difficile* infection
 - Unusual tiredness or weakness
 - Jaundice (yellowing of the skin or eyes)
 - Difficulty breathing or swallowing (anaphylaxis)

If any of these serious side effects occur, seek medical attention immediately.

Drug Interactions:

- **Probenecid:** Probenecid can increase the blood levels of cephalexin by inhibiting its excretion.
- **Antacids:** Antacids containing magnesium or aluminum can interfere with the absorption of cephalexin, reducing its effectiveness.
- **Other Antibiotics:** Be cautious when combining cephalexin with other antibiotics, particularly broad-spectrum

antibiotics, as this can alter the efficacy of treatment.

Storage:

- Store the dry powder at room temperature (20°C to 25°C) in a cool, dry place.
- After reconstitution, store the suspension in the refrigerator and use it within 14 days.
- Do not freeze the syrup.
- Keep out of reach of children.

Packaging:

- Available in bottles containing 60 ml, 100 ml, or 120 ml, depending on the manufacturer.

Manufacturer:

- [Manufacturer Name]

Note:

- Cephalexin should be used exactly as prescribed. It is important to complete the full course of therapy to ensure the infection is fully treated, even if symptoms improve before finishing the medication.
- If you experience any new or unusual symptoms during treatment, contact your healthcare provider promptly.
- Always follow the instructions provided with the product for reconstitution and proper use.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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