

Fixolexin 500 Capsule

Cephalexin (500mg) Capsule

Composition:

Each capsule contains:

- Cephalexin (as cephalexin monohydrate):
500 mg

Pharmacological Class:

- Antibiotic / Cephalosporin (First Generation)

Indications:

Cephalexin is a broad-spectrum antibiotic used to treat a 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 synthesis of the bacterial cell wall. By preventing bacteria from forming a protective wall, cephalexin causes the bacteria to break down and die. This action helps eliminate the bacterial infection.

Dosage and Administration:

- **Adults:**
The usual adult dose is 500 mg every 12 hours for mild to moderate infections, or 250 mg every 6 hours depending on the

infection type and severity.

In more severe infections, the dose can be increased to 500 mg every 6 hours, or as directed by your healthcare provider.

- **Children:**

The pediatric dose is typically 25-50 mg/kg/day, divided into 2 to 4 doses. The exact dosage depends on the child's weight, age, and the type of infection being treated.

- For children 1 month and older, the dose is typically 125 mg to 500 mg per day, divided into 2 to 4 doses.
- Infants under 1 month: Cephalexin should be used with caution in infants and under the supervision of a healthcare provider.

Take the capsule with a full glass of water. It can be taken with or without food. If stomach upset occurs, it may help to take the capsule with food.

Contraindications:

- **Hypersensitivity:** Contraindicated in patients with a known allergy to cephalexin, other cephalosporins, or penicillin antibiotics.
- **Severe Renal Impairment:** Caution is required in patients with renal (kidney) impairment as dose adjustments may be necessary.

Warnings and Precautions:

- **Allergic Reactions:** Cephalexin may cause allergic reactions, including rash, itching, or anaphylaxis. Seek immediate medical attention if you experience difficulty breathing, swelling, or severe rash.
- **Antibiotic Resistance:** It is important to take the full prescribed course of cephalexin, even if symptoms improve before the medication is finished. This

helps reduce the risk of antibiotic resistance.

- **Renal Function:** Cephalexin is excreted through the kidneys. Patients with kidney impairment may need dose adjustments or closer monitoring.
- **Gastrointestinal Effects:** Cephalexin may cause mild gastrointestinal upset such as nausea, diarrhea, or abdominal cramps. If you experience severe diarrhea or blood in stools, contact your healthcare provider.
- **Pregnancy and Lactation:** Cephalexin is generally considered safe during pregnancy and breastfeeding. However, it should only be used when necessary and under the guidance of a healthcare provider.

Side Effects:

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

If any of these serious side effects occur, discontinue use and seek immediate medical attention.

Drug Interactions:

- **Probenecid:** Can increase the blood levels of cephalexin by decreasing its excretion.
- **Antacids:** Antacids containing magnesium or aluminum may reduce the absorption of cephalexin, potentially decreasing its effectiveness.

- **Other Antibiotics:** Cephalexin may interact with other antibiotics, especially other broad-spectrum antibiotics. Caution is advised when used in combination with other antibiotics.

Storage:

- Store the capsules in a cool, dry place at room temperature (between 20°C and 25°C).
- Keep the bottle tightly closed and out of reach of children.
- Do not use past the expiration date printed on the packaging.

Packaging:

- Available in bottles containing 10, 20, 30, or 100 capsules depending on the manufacturer.

Manufacturer:

- [Manufacturer Name]

Note:

- Cephalexin should be used only for bacterial infections. It is not effective against viral infections, such as the common cold or flu.
- Always follow your healthcare provider's instructions for the dosage and duration of treatment. If symptoms persist or worsen, consult your healthcare provider for further evaluation.

Manufactured in India for:

CafoliTM
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I,

Panchkula-134113

TM: Trademark Applied for