

# Fixolexin Dry Syrup

## Cefalexin (125mg) Dry Syrup

Cefalexin is a broad-spectrum antibiotic used to treat various bacterial infections. This dry syrup formulation is typically reconstituted with water before use and is intended for pediatric or adult patients who have difficulty swallowing tablets or capsules.

### Composition (per 5ml reconstituted syrup):

- **Cefalexin (125mg):** A first-generation cephalosporin antibiotic, Cefalexin works by inhibiting bacterial cell wall synthesis, effectively killing a wide range of bacteria responsible for infections.

### Uses:

1. **Respiratory Tract Infections:**
  - Treatment of conditions such as pneumonia, bronchitis, and tonsillitis caused by susceptible bacteria.
2. **Urinary Tract Infections (UTIs):**
  - Used to treat infections of the urinary tract, including cystitis and pyelonephritis, caused by susceptible bacteria.
3. **Skin and Soft Tissue Infections:**
  - Effective against bacterial infections of the skin, such as cellulitis, impetigo, and wound infections.
4. **Ear Infections (Otitis Media):**
  - Cefalexin is commonly prescribed for treating middle ear infections (otitis media) in children.
5. **Bone and Joint Infections:**

- Can be used in the treatment of infections affecting bones and joints (osteomyelitis, septic arthritis) caused by certain bacteria.

### Dosage & Administration:

- **For Children (under 12 years):**
  - **Typical Dose:** 5-10mg/kg/day in divided doses every 6 hours, depending on the severity of the infection.
  - The exact dose will be based on the child's weight and the specific infection being treated.
  - Reconstitute the syrup as per instructions and shake well before each dose.
- **For Adults:**
  - **Typical Dose:** 250mg to 500mg every 6 hours, depending on the severity of the infection.
- **Reconstitution:**
  - Add the prescribed amount of water to the dry syrup bottle as directed, shake well to dissolve, and administer the prescribed dose.

### Side Effects:

- **Common:**
  - Gastrointestinal symptoms such as nausea, vomiting, diarrhea, or abdominal pain.
  - Allergic reactions, including rash, itching, or hives.
- **Serious (rare):**

- Severe allergic reactions (anaphylaxis), swelling of the face or throat, difficulty breathing.
- Superinfections, especially in long-term use, may lead to fungal infections or Clostridium difficile-associated diarrhea.
- Blood disorders such as thrombocytopenia (low platelet count), leukopenia (low white blood cell count).

If any severe side effects occur, stop the medication and seek immediate medical attention.

### Precautions:

- 1. Allergy to Cephalosporins or Penicillin:**
  - Patients allergic to penicillin or cephalosporin antibiotics should avoid using Cefalexin unless prescribed by a healthcare provider.
- 2. Renal Impairment:**
  - Dosage adjustments may be necessary for patients with kidney disease. Consult your doctor if you have any renal conditions.
- 3. Pregnancy and Breastfeeding:**
  - Cefalexin is generally considered safe during pregnancy (Category B), but it should only be used if the benefits outweigh the risks. It passes into breast milk, so consult your doctor before use during breastfeeding.

### Drug Interactions:

- **Probenecid:**
  - Probenecid can slow the elimination of Cefalexin from the body, potentially increasing its levels and risk of side effects.
- **Oral Anticoagulants (e.g., Warfarin):**

- Cefalexin may enhance the effects of anticoagulants, increasing the risk of bleeding.

Always inform your doctor of any other medications you are taking, including over-the-counter drugs, herbal supplements, and vitamins.

### Storage:

- Store in a cool, dry place away from direct light.
- After reconstitution, store the syrup in the refrigerator (2-8°C) and use within 7-14 days, depending on the manufacturer's guidelines.
- Keep the syrup tightly closed and out of reach of children.

### Note:

This medication is intended for use only in treating bacterial infections and should not be used for viral infections (such as the common cold or flu). It is essential to complete the entire course of the antibiotic even if you feel better to prevent antibiotic resistance. Always follow your healthcare provider's instructions regarding dosage and duration of treatment.

Manufactured in India for:



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