

# Cefzlan CV Dry Syrup

## Cefixime (50mg/5ml) + Clavulanic Acid (31.25mg/5ml) Dry Syrup

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Cefixime is a third-generation cephalosporin antibiotic, and Clavulanic Acid is a beta-lactamase inhibitor. This combination is used to treat a wide range of bacterial infections by enhancing the activity of Cefixime against resistant bacteria.

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### Composition (per 5ml after reconstitution):

- Cefixime (50mg)
  - Clavulanic Acid (31.25mg)
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### Indications:

This combination of Cefixime and Clavulanic Acid is used to treat various bacterial infections, including:

1. **Respiratory Tract Infections:**
  - Acute and chronic bronchitis
  - Pneumonia
  - Sinusitis
  - Pharyngitis (throat infections)
2. **Urinary Tract Infections (UTIs):**
  - Cystitis
  - Pyelonephritis
  - Urethritis
3. **Ear Infections (Otitis Media):**
  - Middle ear infections
4. **Skin and Soft Tissue Infections:**
  - Cellulitis
  - Abscesses
5. **Gastrointestinal Infections:**
  - Diarrhea caused by bacterial pathogens
6. **Sexually Transmitted Infections (STIs):**
  - Gonorrhoea

### Mechanism of Action:

- **Cefixime (50mg/5ml):**
  - Cefixime works by inhibiting bacterial cell wall synthesis. It binds to penicillin-binding proteins (PBPs) and disrupts bacterial cell wall formation, causing bacterial cell death.
- **Clavulanic Acid (31.25mg/5ml):**
  - Clavulanic acid is a beta-lactamase inhibitor. It inhibits the action of beta-lactamase enzymes produced by certain bacteria, which would normally degrade and inactivate antibiotics like Cefixime.

The combination of Cefixime and Clavulanic Acid allows for a broader range of antibacterial activity and is particularly useful against resistant bacteria.

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### Dosage & Administration:

- **For Adults:**
  - **Typical Dose:** 5 ml of the suspension (containing 50mg of Cefixime and 31.25mg of Clavulanic Acid) once or twice daily, depending on the severity of the infection and the physician's recommendation.
  - **Severe Infections:** In cases of more serious infections, a healthcare provider may adjust the dose.
- **For Children:**
  - Dosage for children is based on their weight, typically around

8mg/kg body weight per day in two divided doses, but the exact dose should be determined by a healthcare provider.

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### Side Effects:

- **Common Side Effects:**
  - **Gastrointestinal symptoms:** nausea, diarrhea, abdominal pain, or dyspepsia.
- **Serious (Rare) Side Effects:**
  - **Allergic reactions:** swelling of the face, lips, tongue, or throat, difficulty breathing.

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

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### Precautions:

1. **Allergy to Cephalosporins or Beta-lactams:**
  - If you are allergic to cephalosporins or penicillin, you should not take this combination. Inform your healthcare provider about any prior allergic reactions.
2. **Renal Impairment:**
  - Since Cefixime is eliminated by the kidneys, dosage adjustments may be necessary for patients with kidney impairment.
3. **Pregnancy and Breastfeeding:**
  - **Pregnancy:** Cefixime is generally considered safe during pregnancy (Category B). However, Clavulanic acid's safety during pregnancy has not been fully established.

### Drug Interactions:

- **Antacids and Antihistamines:**

- **Antacids containing aluminum or magnesium, or antihistamines,** may reduce the absorption of Cefixime. Separate these medications by at least 2 hours.
  - **Anticoagulants (e.g., Warfarin):**
    - Cefixime may enhance the effects of blood-thinning medications like warfarin, increasing the risk of bleeding.
  - **Probenecid:**
    - Probenecid can interfere with the renal excretion of Cefixime, leading to higher blood levels.
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### Storage:

- Store the reconstituted suspension at room temperature (15-25°C) for up to 14 days. Do not refrigerate.
  - Keep the bottle tightly closed, and out of reach of children.
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### Note:

- Complete the full course of antibiotics as prescribed by your healthcare provider, even if you start feeling better before the course is finished.
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This combination of Cefixime (50mg/5ml) and Clavulanic Acid (31.25mg/5ml) offers broad-spectrum coverage against various bacterial infections, improving treatment outcomes, especially in resistant infections.

Manufactured in India for:

**Cafoli**<sup>TM</sup>  
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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