

Cefuzrom CV Dry Syrup

Cefuroxime (125mg) + Clavulanic Acid (31.25mg) Dry Syrup

This dry syrup contains Cefuroxime, a broad-spectrum cephalosporin antibiotic, and Clavulanic Acid, a beta-lactamase inhibitor. This combination is effective against a variety of bacterial infections, particularly in pediatric patients.

Composition (per 5ml after reconstitution):

- Cefuroxime (as Cefuroxime Axetil): 125mg
- Clavulanic Acid (as Potassium Clavulanate): 31.25mg

Indications:

This combination is indicated for treating bacterial infections such as:

1. Upper and Lower Respiratory Tract Infections:
 - Tonsillitis
 - Pharyngitis
 - Sinusitis
 - Bronchitis
 - Community-acquired pneumonia
2. Ear Infections:
 - Acute otitis media
3. Urinary Tract Infections (UTIs):
 - Cystitis
 - Pyelonephritis
4. Skin and Soft Tissue Infections:
 - Impetigo
 - Cellulitis
5. Bone and Joint Infections:
 - Osteomyelitis

Mechanism of Action:

1. Cefuroxime: Inhibits bacterial cell wall synthesis by binding to penicillin-binding proteins (PBPs), leading to bacterial death.
2. Clavulanic Acid: Blocks beta-lactamase enzymes, which are produced by certain bacteria to resist antibiotics, enhancing the efficacy of Cefuroxime.

Dosage & Administration:

- Usual Pediatric Dose:
 - Recommended Dose: 10–15 mg/kg/day divided into two doses every 12 hours.
 - Dosage and duration depend on the type and severity of the infection.
- Preparation Instructions:
 1. Shake the bottle to loosen the dry powder.
 2. Add the specified amount of boiled and cooled water as indicated on the label.
 3. Shake well until the powder is fully dissolved.
 4. Store the reconstituted suspension in the refrigerator and use within 7–10 days.

Side Effects:

- Common Side Effects:
 - Diarrhea
 - Nausea and vomiting
 - Abdominal pain
 - Rash or itching
- Serious Side Effects (Rare):

- Severe allergic reactions (anaphylaxis)
- Clostridium difficile-associated diarrhea (CDAD)
- Blood disorders like thrombocytopenia or leukopenia

- After reconstitution, store in the refrigerator (2–8°C) and discard any unused portion after 7–10 days.

Precautions:

1. Allergy:
 - Contraindicated in patients allergic to cephalosporins, penicillins, or beta-lactam antibiotics.
2. Renal Impairment:
 - Dose adjustments may be required for patients with kidney dysfunction.
3. Superinfection:
 - Prolonged use may result in secondary infections caused by resistant organisms.
4. Pregnancy and Lactation:
 - Pregnancy: Generally safe but should be used only if clearly needed.
 - Lactation: Small amounts may be excreted in breast milk; consult a physician if used while breastfeeding.

Key Counseling Points:

1. Administer after meals to enhance absorption and reduce gastrointestinal discomfort.
2. Shake the bottle well before each use.
3. Complete the full course of treatment, even if symptoms improve, to avoid resistance.
4. Report any serious side effects, such as persistent diarrhea or allergic reactions, to a doctor immediately.

This Cefuroxime (125mg) + Clavulanic Acid (31.25mg) Dry Syrup is a reliable option for pediatric bacterial infections, providing a broad-spectrum antibiotic effect when used as directed.

Manufactured in India for:

CafeliTM
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

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Drug Interactions:

- **Antacids and H2 Blockers:** May reduce the absorption of Cefuroxime.
- **Probenecid:** Inhibits renal excretion, increasing blood levels of Cefuroxime.
- **Oral Anticoagulants:** May increase the risk of bleeding.

Storage:

- Store the unopened bottle at room temperature (15–25°C).