

Cefpodoxime Proxetil (100mg) + Clavulanic Acid (62.5mg)

Flickdox CV 100 Dry Syrup

Cefpodoxime Proxetil (100mg) + Clavulanic Acid (62.5mg) Dry Syrup

Composition:

Each 5 ml of reconstituted syrup contains:

- **Cefpodoxime Proxetil:** 100 mg
- **Clavulanic Acid:** 62.5 mg

Pharmacological Class:

- **Cephalosporin Antibiotic (Third Generation)**
- **Beta-lactamase Inhibitor**

Indications:

This combination of **Cefpodoxime Proxetil** and **Clavulanic Acid** is used to treat a variety of bacterial infections, especially those caused by beta-lactamase-producing bacteria, which can render many antibiotics ineffective. It is commonly prescribed for:

- **Upper Respiratory Tract Infections (URTI):** Such as sinusitis, tonsillitis, and pharyngitis.
- **Lower Respiratory Tract Infections (LRTI):** Including pneumonia and bronchitis.
- **Urinary Tract Infections (UTIs):** Such as cystitis and pyelonephritis.
- **Skin and Soft Tissue Infections:** Including cellulitis, infected wounds, and impetigo.
- **Acute Otitis Media:** Treatment for ear infections in children and adults.
- **Gonorrhea:** Treatment of uncomplicated gonococcal infections.

Mechanism of Action:

- **Cefpodoxime Proxetil** is a **third-generation cephalosporin** that works by inhibiting the bacterial cell wall synthesis, leading to bacterial cell death.
- **Clavulanic Acid** is a **beta-lactamase inhibitor**, which protects cefpodoxime from being broken down by beta-lactamase enzymes produced by some bacteria. This enhances the activity of cefpodoxime against resistant organisms.

The combination allows the antibiotic to work effectively against both **Gram-positive** and **Gram-**

negative bacteria, including those that are resistant to other antibiotics due to the production of beta-lactamase.

Dosage and Administration:

- **Adults and Children over 12 years:**
 - The usual dose is **100 mg of Cefpodoxime Proxetil and 62.5 mg of Clavulanic Acid** taken every **12 hours**. The duration of treatment typically lasts from **5 to 10 days**, depending on the infection severity and type.
 - For patients with renal impairment, dose adjustments may be necessary.
- **Children (6 months to 12 years):**
 - The recommended dose is generally based on the child's body weight:
 - **5 mg/kg** of cefpodoxime every **12 hours**, combined with the appropriate dose of clavulanic acid, depending on the weight.
 - The maximum recommended dose is **200 mg/day** of cefpodoxime.

To prepare the syrup, add the required amount of water to the dry syrup and shake well to ensure proper mixing. Administer with a full glass of water, and it can be taken with or without food.

Contraindications:

- **Hypersensitivity:** Contraindicated in patients with known allergy to **cephalosporins** or **beta-lactamase inhibitors** like clavulanic acid.
- **Severe Renal Impairment:** Use with caution, and dose adjustments may be needed.
- **History of Cholestatic Jaundice or Hepatic Dysfunction:** In patients who have experienced liver-related issues with amoxicillin-clavulanate combinations.

Warnings and Precautions:

- **Allergic Reactions:** Serious allergic reactions, including **anaphylaxis**, can occur. If you experience symptoms such as rash, difficulty breathing, or swelling of the face or throat, seek medical attention immediately.

- **Clostridium difficile-associated Diarrhea (CDAD):** Like other antibiotics, this combination may lead to a **Clostridium difficile** infection, which can cause severe diarrhea. If you experience severe diarrhea, especially watery or bloody, contact your doctor immediately.
- **Antibiotic Resistance:** Overuse or misuse of antibiotics can lead to resistance. Always complete the full prescribed course, even if you feel better.
- **Renal and Hepatic Function:** Monitor liver and kidney function, particularly in patients with pre-existing conditions.
- **Pregnancy and Lactation:** The medication is generally considered safe during pregnancy but should only be used when necessary. It is excreted in breast milk in small amounts, so caution is advised for breastfeeding mothers.

Side Effects:

- **Common Side Effects:**
 - Diarrhea
 - Nausea or vomiting
 - Abdominal pain or discomfort
 - Rash
 - Headache
- **Serious Side Effects:**
 - **Severe allergic reactions:** Difficulty breathing, swelling of the face, lips, or throat
 - **Severe diarrhea** (indicative of *Clostridium difficile* infection)
 - **Liver problems:** Yellowing of the skin or eyes, dark urine
 - **Kidney issues:** Reduced urine output, swelling of the feet or ankles
 - **Blood disorders:** Unexplained bruising, sore throat, fever

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

Drug Interactions:

- **Antacids:** Antacids containing aluminum or magnesium may reduce the absorption of cefpodoxime.
- **Probenecid:** Can increase the levels of cefpodoxime by inhibiting its excretion.
- **Other Antibiotics:** Cefpodoxime may interact with other antibiotics, so use with caution when combining with bacteriostatic antibiotics.

Storage:

- Store the dry syrup at **room temperature (20°C to 25°C)**.
- After reconstitution, store the syrup in the refrigerator and use within **14 days**.
- Keep the container tightly closed and out of reach of children.
- Protect from light and moisture.

Packaging:

- Available in bottles containing **30 ml, 60 ml, or 100 ml** of dry syrup, depending on the manufacturer.

Manufacturer:

- [Manufacturer Name]

Note:

- Do not take extra doses to make up for a missed dose. If you miss a dose, take it as soon as you remember, unless it is almost time for the next dose.
- This antibiotic is ineffective against viral infections such as the common cold or flu.
- Always follow your healthcare provider's instructions regarding dosage and treatment duration.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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