

Information For the User  
Amoxicillin 400mg + Clavulanic Acid 57mg Dry Syrup

# Moxyplant CV 457 dry syrup

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## Composition (per 5 ml of reconstituted suspension)

- Amoxicillin IP ... 400 mg (as Amoxicillin Trihydrate)
- Clavulanic Acid IP ... 57 mg (as Potassium Clavulanate)
- Excipients ... q.s.
- Colour: Approved colour used

## Dosage Form

Dry syrup for oral suspension.

## Therapeutic Category

Broad-spectrum Penicillin Antibiotic + Beta-lactamase Inhibitor.

## Pharmacology & Mechanism of Action

- **Amoxicillin** is a broad-spectrum  $\beta$ -lactam antibiotic that inhibits bacterial cell wall synthesis, leading to cell lysis and death.
- **Clavulanic Acid** is a  $\beta$ -lactamase inhibitor that protects Amoxicillin from degradation by  $\beta$ -lactamase enzymes produced by resistant bacteria, thereby extending its antibacterial spectrum.

## Indications

Moxyplant CV 457 Dry Syrup is indicated for:

- Lower and upper respiratory tract infections
- Otitis media
- Sinusitis
- Urinary tract infections
- Skin and soft tissue infections
- Dental infections
- Bone and joint infections caused by  $\beta$ -lactamase-producing bacteria

## Dosage & Administration

- **Children (based on body weight):** 25–45 mg/kg/day of Amoxicillin component in divided doses, as directed by the physician
- Shake the bottle well and add boiled and cooled water up to the mark. Shake again until a uniform suspension is formed.
- Use within 7 days of reconstitution.
- Administer after meals to enhance absorption and reduce gastrointestinal discomfort.

## Contraindications

- Hypersensitivity to penicillins, cephalosporins, or any component of the formulation
- History of cholestatic jaundice or hepatic dysfunction associated with previous use of Amoxicillin–Clavulanate combinations

### **Warnings & Precautions**

- Use cautiously in patients with hepatic or renal impairment
- Monitor liver function during prolonged therapy
- Complete the full course of therapy even if symptoms resolve early
- May cause Clostridium difficile-associated diarrhea (CDAD); monitor for signs

### **Adverse Effects**

- Common: Diarrhea, nausea, vomiting, skin rash
- Rare: Hepatic dysfunction, cholestatic jaundice, hypersensitivity reactions including anaphylaxis
- Very rare: Stevens-Johnson syndrome, toxic epidermal necrolysis

### **Drug Interactions**

- May reduce the efficacy of oral contraceptives
- Probenecid may increase serum levels of Amoxicillin
- Concurrent use with allopurinol may increase risk of rash

### **Overdose**

- Symptoms: GI upset, fluid and electrolyte imbalance, crystalluria
- Treatment: Symptomatic and supportive care; adequate hydration encouraged

### **Storage**

- Store the dry powder below 25°C, protected from moisture
- After reconstitution, store in a refrigerator (2–8°C)

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

**(An ISO 9001: 2015 Certified Co.)**

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