

Information For the Use

Amoxicillin (200mg) + Clavulanic Acid (28.5mg)

# Moxyplit CV 228.5 Dry Syrup

**Amoxicillin (200mg) + Clavulanic Acid (28.5mg) Dry Syrup**

## Composition:

Each 5mL of reconstituted syrup contains:

- **Amoxicillin (as Amoxicillin Trihydrate) - 200mg**
- **Clavulanic Acid (as Potassium Clavulanate) - 28.5mg**

## Description:

Amoxicillin is a broad-spectrum antibiotic from the penicillin class, which works by inhibiting bacterial cell wall synthesis, leading to bacterial cell death.

**Indications:**  
This combination is indicated for the treatment of bacterial infections caused by susceptible organisms in both children and adults, including:

- **Respiratory Tract Infections:** Such as acute otitis media, pneumonia, bronchitis, and sinusitis.
- **Urinary Tract Infections:** Including cystitis, pyelonephritis, and other urinary tract infections.
- **Skin and Soft Tissue Infections:** Including cellulitis, impetigo, and infected wounds.
- **Intra-abdominal Infections:** Such as peritonitis and intra-abdominal abscesses.

## Dosage and Administration:

- **For Children (based on body weight):** The recommended dose is typically 20mg to 40mg per kilogram of body weight per day, divided into two doses (every 12

hours). The total daily dose should be adjusted based on the severity of the infection and the child's response to treatment.

- **Adults:** The dosage in adults is typically 500mg of amoxicillin and 125mg of clavulanic acid every 12 hours (twice a day), depending on the infection being treated.
- **Renal Impairment:** In patients with renal impairment, the dosage may need to be adjusted. A healthcare provider should be consulted for appropriate dosing adjustments.

## Preparation and Administration:

- To prepare the syrup, add the recommended amount of water to the dry syrup bottle and shake well until fully dissolved.
- After reconstitution, the syrup should be stored in the refrigerator (2°C to 8°C) and used within 7 days.
- Shake the bottle well before each dose to ensure even distribution of the medicine.
- Use the provided measuring spoon or oral syringe to administer the correct dose.

## Contraindications:

- **Hypersensitivity:** Known hypersensitivity to amoxicillin, clavulanic acid, other penicillins, or any component of the formulation.
- **History of Jaundice or Hepatic Dysfunction:** Associated with the use of amoxicillin/clavulanic acid.

## Precautions:

- **Hypersensitivity Reactions:** Use with caution in patients with a history of allergic reactions to penicillins or other beta-lactam antibiotics.
- **Renal and Hepatic Impairment:** Dose adjustments may be necessary for patients with renal or hepatic impairment.
- **Superinfection:** Prolonged use may result in the overgrowth of non-susceptible organisms, including fungi.

#### Side Effects:

Common side effects may include:

- **Gastrointestinal:** Nausea, vomiting, diarrhea, abdominal discomfort.
- **Dermatologic:** Rash, itching, or skin reactions.
- **Headache:** A mild, common side effect.

Serious side effects (rare but possible):

- **Severe Allergic Reactions:** Anaphylaxis, angioedema (swelling of the face, lips, tongue, or throat).
- **Liver Toxicity:** Hepatitis, jaundice, elevated liver enzymes.
- **Severe Diarrhea:** Clostridium difficile-associated diarrhea, requiring discontinuation of the antibiotic and appropriate management.

#### Drug Interactions:

- **Oral Contraceptives:** Amoxicillin may reduce the effectiveness of oral contraceptives, and additional contraceptive methods should be considered.
- **Probenecid:** May reduce the renal excretion of amoxicillin, leading to increased plasma concentrations.
- **Methotrexate:** Amoxicillin may reduce the clearance of methotrexate, increasing its toxicity.
- **Anticoagulants:** Use with caution when combined with anticoagulants (e.g., warfarin), as amoxicillin can enhance the

anticoagulant effect, increasing the risk of bleeding.

#### Storage:

- Store the dry syrup at room temperature (15°C to 30°C) until reconstitution.
- After reconstitution, store the syrup in the refrigerator (2°C to 8°C) and use within 7 days.
- Do not freeze.

#### Overdose:

In case of overdose, symptoms may include gastrointestinal distress (nausea, vomiting, diarrhea), and in severe cases, renal dysfunction or seizures. Treatment should be symptomatic, and supportive care, including gastric lavage or activated charcoal, may be considered. Renal dialysis may assist in removing amoxicillin and clavulanic acid from the bloodstream.

#### Packaging:

Amoxicillin (200mg) + Clavulanic Acid (28.5mg) dry syrup is available in bottles containing the appropriate amount of dry powder, with a measuring spoon or oral syringe for accurate dosing.

#### Note:

- Complete the full course of therapy as prescribed, even if symptoms improve before the medication is finished, to prevent the development of antibiotic resistance.
- Manufactured in India for:

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