

Information For the Use Amoxycillin  
(125mg) + Clavulanic Acid (25mg)

## Moxyplit 150 Injection

### Amoxicillin (125mg) + Clavulanic Acid (25mg) Injection

#### Composition:

#### Each vial contains:

- Amoxicillin (as Amoxicillin Trihydrate) - 125mg
- Clavulanic Acid (as Potassium Clavulanate) - 25mg

#### Description:

Amoxicillin is a broad-spectrum antibiotic belonging to the penicillin group of beta-lactam antibiotics. It works by inhibiting bacterial cell wall synthesis. Clavulanic acid is a betalactamase inhibitor that helps to overcome bacterial resistance to amoxicillin, enhancing its effectiveness against certain beta-lactamaseproducing organisms.

#### Indications:

This combination is indicated for the treatment of bacterial infections caused by susceptible organisms, including:

- Respiratory tract infections (e.g., pneumonia, bronchitis)
- Urinary tract infections
- Skin and soft tissue infections
- Intra-abdominal infections
- Bone and joint infections
- Gynecological infections

#### Administration:

- Adults: The usual dose is 1 vial (125mg/25mg) every 8 hours, or as directed by the physician, depending on the severity of the infection.

- Children: The dosage for children is based on weight. It should be determined by a healthcare provider.
- Administer by slow intravenous infusion over 30-60 minutes.
- Dosage may be adjusted based on the patient's renal function and the severity of the infection.

#### Contraindications:

- Hypersensitivity to amoxicillin, clavulanic acid, or other penicillins.
- History of jaundice or hepatic dysfunction related to the use of amoxicillin/clavulanic acid.

#### Precautions:

- Use with caution in patients with renal impairment, liver disease, or a history of gastrointestinal diseases.
- Monitor for allergic reactions, particularly if the patient has a history of hypersensitivity to beta-lactams.
- Prolonged use may result in overgrowth of non-susceptible organisms, including fungi.

#### Side Effects:

##### Common side effects include:

- Gastrointestinal disturbances (nausea, vomiting, diarrhea)
- Rash
- Fever
- Injection site reactions (pain, swelling, or redness)
- Liver enzyme abnormalities

##### Serious side effects (rare but possible):

- Severe allergic reactions (anaphylaxis)
- Clostridium difficile-associated diarrhea
- Liver dysfunction or jaundice



#### **Drug Interactions:**

- Probenecid may increase amoxicillin levels by reducing renal excretion.
- May reduce the effectiveness of oral contraceptives.
- May interact with anticoagulants (e.g., warfarin) increasing the risk of bleeding.

#### **Storage:**

- Store in a cool, dry place, protected from light.
- Do not freeze.
- Once reconstituted, the solution should be used within 24 hours if stored at 2°C to 8°C.

#### **Overdose:**

In case of overdose, supportive treatment should be initiated. Symptoms may include gastrointestinal disturbances (nausea, vomiting), and renal dysfunction may occur. Hemodialysis can help remove amoxicillin and clavulanic acid from the bloodstream.

#### **Packaging:**

Available in vials of 125mg Amoxicillin and 25mg Clavulanic Acid.

#### **Note:**

This product is for intravenous use only and should be administered by a healthcare professional. Always follow the dosing instructions provided by your doctor or healthcare provider.

Manufactured in India for: