

# Moxyplit 250 Capsule

## Amoxycillin (250mg) Capsule

Amoxycillin is a broad-spectrum penicillin-class antibiotic used to treat a variety of bacterial infections. It works by inhibiting the growth of bacteria, making it effective against many types of infections caused by susceptible organisms.

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## Composition:

- **Amoxycillin (250mg):** A semisynthetic antibiotic belonging to the beta-lactam class.
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## Uses:

- **Bacterial Infections:**
    - Respiratory tract infections (e.g., bronchitis, sinusitis)
    - Ear infections (otitis media)
    - Skin and soft tissue infections
    - Urinary tract infections (UTIs)
    - Dental abscesses
    - Gastrointestinal infections caused by *Helicobacter pylori* (as part of combination therapy)
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## Mechanism of Action:

Amoxycillin inhibits bacterial cell wall synthesis by binding to penicillin-binding proteins (PBPs). This causes weakening of the bacterial cell wall, leading to cell lysis and death.

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## Dosage & Administration:

- **Recommended Dose:**
    - Adults and children over 12 years: 250mg to 500mg every 8 hours.
    - Dose adjustments may be required for children, elderly patients, or those with kidney impairment.
  - **Route of Administration:** Oral, with or without food.
  - **Duration:** Complete the full course as prescribed, even if symptoms improve earlier.
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## Contraindications:

- Hypersensitivity to Amoxycillin, penicillins, or other beta-lactam antibiotics.
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## Side Effects:

- **Common:**
    - Nausea, vomiting, or diarrhea
    - Skin rash or mild allergic reaction
  - **Rare:**
    - Severe allergic reactions (anaphylaxis)
    - Liver dysfunction (cholestatic jaundice)
    - Clostridioides difficile-associated diarrhea
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## Precautions:

- Inform your doctor if you have a history of allergies to antibiotics.
- Use with caution in individuals with renal impairment or a history of liver disease.

- **Prolonged use may lead to secondary infections (e.g., fungal overgrowth).**
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### **Drug Interactions:**

- **May interact with:**
    - **Anticoagulants (e.g., warfarin) – increased risk of bleeding.**
    - **Allopurinol – may increase the risk of skin rash.**
    - **Oral contraceptives – may reduce their efficacy.**
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### **Storage:**

- **Store below 25°C in a cool, dry place.**
  - **Keep out of reach of children.**
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**Note: Amoxycillin is not effective against viral infections like the common cold or flu. Always take this medication under the supervision of a healthcare professional. If side effects persist or worsen, consult your doctor immediately.**

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

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

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