

# Fixolexin 125 DT Tablet

## Fixolexin 125 DT Tablet

### Composition:

Each dispersible tablet contains:

- **Cephalexin IP** ... 125 mg
- **Excipients** ... q.s.
- **Colour:** Approved colour used

### Dosage Form:

Dispersible Tablet

### Therapeutic Category:

First-generation Cephalosporin Antibiotic

### Pharmacology & Mechanism of Action:

Cephalexin is a beta-lactam antibiotic belonging to the first-generation cephalosporins. It acts by inhibiting bacterial cell wall synthesis. Cephalexin binds to penicillin-binding proteins (PBPs) located inside the bacterial cell wall, thereby preventing the final transpeptidation step of peptidoglycan synthesis in bacterial cell walls. This leads to cell lysis and death in susceptible bacteria. It is bactericidal in action and effective against a wide range of gram-positive organisms and some gram-negative organisms.

### Indications:

- Respiratory tract infections
- Otitis media
- Skin and soft tissue infections
- Bone and joint infections
- Urinary tract infections
- Dental infections
- Pharyngitis and tonsillitis

### Dosage & Administration:

- **Children:** 25–50 mg/kg/day in divided doses every 6–12 hours as prescribed by the physician
- Can be dispersed in a teaspoon of water before administration
- To be taken with or without food
- Duration of therapy and dosage should be determined by the treating physician based on the severity and site of infection

### Contraindications:

- Known hypersensitivity to cephalosporins or beta-lactam antibiotics
- History of anaphylactic reaction to penicillins

### **Warnings & Precautions:**

- Use with caution in patients with a history of penicillin allergy
- Adjust dosage in patients with renal impairment
- Prolonged use may lead to overgrowth of non-susceptible organisms
- Discontinue if signs of pseudomembranous colitis or allergic reaction occur

### **Adverse Effects:**

- Gastrointestinal: Nausea, vomiting, abdominal pain, diarrhea
- Hypersensitivity: Rash, urticaria, pruritus
- Rare: Anaphylaxis, Stevens-Johnson syndrome, eosinophilia

### **Drug Interactions:**

- May interfere with the effectiveness of oral contraceptives
- Use caution with nephrotoxic drugs (e.g., aminoglycosides)
- Probenecid may increase serum concentrations of cephalexin

### **Overdose:**

Symptoms may include nausea, vomiting, epigastric pain, and diarrhea  
Treatment is supportive and symptomatic. Hemodialysis may be helpful in severe cases

### **Storage:**

Store in a cool, dry place below 25°C.  
Protect from light and moisture  
Keep out of reach of children

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

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

Plot no.: 367-FF, Industrial Area Phase-I,  
Panchkula-134113

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