

Cefuzrom 750 Injection

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Composition:

Each vial contains:

- **Cefuroxime Sodium IP** equivalent to **Cefuroxime** ... 750 mg
- **Excipients** ... q.s.

Dosage Form:

Injection (for IM/IV use)

Therapeutic Category:

Second-Generation Cephalosporin Antibiotic

Pharmacology & Mechanism of Action:

Cefuroxime is a broad-spectrum β -lactam antibiotic belonging to the second-generation cephalosporins. It acts by inhibiting bacterial cell wall synthesis through binding to penicillin-binding proteins (PBPs), leading to cell lysis and death. It is bactericidal in action and stable against many β -lactamases produced by Gram-negative organisms.

Indications:

- Respiratory tract infections (e.g., bronchitis, pneumonia)
- Urinary tract infections
- Skin and soft tissue infections
- Bone and joint infections
- Gynecological infections
- Septicemia
- Meningitis
- Surgical prophylaxis

Dosage & Administration:

- **Adults:** 750 mg every 8 hours IM or IV; dose may be increased in severe infections
- **Children:** Dosage should be adjusted by weight and severity of infection
- For IV use, reconstitute with sterile water and administer slowly
- Always follow physician's instructions regarding dose and duration

Contraindications:

- Hypersensitivity to cephalosporins or β -lactam antibiotics
- Caution in patients with history of penicillin allergy

Warnings & Precautions:

- Use cautiously in patients with renal impairment — dose adjustment required
- Prolonged use may result in superinfection with non-susceptible organisms
- Monitor for signs of anaphylaxis in hypersensitive individuals
- Periodic assessment of renal, hepatic, and hematologic function during prolonged therapy is recommended

Adverse Effects:

- Common: Diarrhea, nausea, injection site pain or inflammation
- Rare: Rash, urticaria, eosinophilia, transient liver enzyme elevation
- Serious: Hypersensitivity reactions, Clostridium difficile–associated diarrhea

Drug Interactions:

- Concomitant use with aminoglycosides may increase nephrotoxicity risk
- May interfere with certain glucose urine tests (false positives)
- Probenecid increases serum concentration of cefuroxime

Overdose:

- Symptoms: Seizures (especially in renal impairment), GI disturbances
- Management: Symptomatic and supportive treatment; hemodialysis may aid removal in severe overdose

Storage:

Store below 25°C in a dry place
Protect from light and moisture
Keep out of reach of children
Use immediately after reconstitution

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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