

Cefuzrom S 2.5 Injection

Information for the Use

Cefuroxime (1500 mg) + Sulbactam (750 mg) Injection

Composition:

Each vial contains:

- Cefuroxime Sodium: 1500 mg
 - Sulbactam Sodium: 750 mg
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Description:

This combination injection includes Cefuroxime, a second-generation cephalosporin antibiotic, and Sulbactam, a beta-lactamase inhibitor. Cefuroxime works by inhibiting bacterial cell wall synthesis, leading to bacterial death, while Sulbactam enhances its efficacy by preventing bacterial resistance due to beta-lactamase enzymes. This combination is effective against a wide range of gram-positive and gram-negative bacteria.

Indications:

Cefuroxime (1500 mg) + Sulbactam (750 mg) Injection is indicated for the treatment of the following infections caused by susceptible microorganisms:

- Lower respiratory tract infections, including pneumonia and bronchitis.
- Upper respiratory tract infections such as sinusitis, pharyngitis, and tonsillitis.
- Urinary tract infections (UTIs).
- Skin and soft tissue infections.
- Bone and joint infections.
- Intra-abdominal infections, including peritonitis.

- Post-operative infections.
 - Septicemia and bacteremia.
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Dosage and Administration:

Adult Dosage:

- The typical dose is 1.5 g (Cefuroxime 1500 mg + Sulbactam 750 mg) administered intravenously or intramuscularly every 12 hours or as prescribed by the healthcare provider.

Pediatric Dosage:

- The dose depends on the child's weight and clinical condition. Use under medical supervision.

- Renal Impairment: Dose adjustment may be required based on kidney function.

Method of Administration:

- Intravenous (IV): Reconstitute the vial with sterile water for injection or appropriate IV fluid, and administer as directed.
 - Intramuscular (IM): Reconstitute with sterile water for injection and administer deep into a large muscle mass.
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Contraindications:

- Hypersensitivity to Cefuroxime, Sulbactam, or other cephalosporins.
 - History of severe allergic reactions (e.g., anaphylaxis) to penicillins or beta-lactam antibiotics.
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Precautions:

- **Allergic Reactions:** Use with caution in patients with a history of penicillin allergy. Cross-sensitivity may occur.
 - **Renal Impairment:** Monitor kidney function and adjust the dose as needed.
 - **Superinfection:** Prolonged use may lead to secondary infections such as fungal overgrowth.
 - **Pregnancy and Lactation:**
 - **Pregnancy:** Use only if clearly needed and under medical advice.
 - **Lactation:** Exercise caution, as the drug may pass into breast milk.
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Possible Side Effects:

Common side effects:

- Pain or swelling at the injection site.
- Nausea, vomiting, or diarrhea.
- Rash or itching.

Serious side effects (seek immediate medical attention):

- **Severe allergic reactions:** Difficulty breathing, swelling of the face or throat.
 - **Clostridium difficile-associated diarrhea.**
 - **Severe skin reactions** such as Stevens-Johnson Syndrome (rare).
 - **Signs of kidney dysfunction:** Reduced urine output or swelling in the legs.
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Drug Interactions:

- **Aminoglycosides:** Concurrent use may increase the risk of nephrotoxicity.
 - **Anticoagulants:** May increase the risk of bleeding; monitor INR levels if used with warfarin.
 - **Probenecid:** May increase the blood levels of Cefuroxime, enhancing its effects and side effects.
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Storage:

- Store the vial below 25°C (77°F) in a cool, dry place.
 - Protect from light and moisture.
 - Use immediately after reconstitution. Discard any unused solution.
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Special Instructions:

- Administer only under the supervision of a qualified healthcare professional.
 - Ensure compatibility with the diluent or IV fluids before administration.
 - Regularly monitor for signs of allergic reactions or adverse effects.
 - Complete the full course of treatment as prescribed, even if symptoms improve.
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Note: This medication is for parenteral use only and should be used strictly under medical supervision. Always consult your doctor for further guidance on the use of Cefuroxime (1500 mg) + Sulbactam (750 mg) Injection.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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