

# Fritcet 1g Injection

## Ceftriaxone (1000 mg) Injection

### Description:

Ceftriaxone is a third-generation cephalosporin antibiotic with a broad spectrum of activity against gram-positive and gram-negative bacteria. It is widely used to treat severe bacterial infections and is effective against resistant strains. Ceftriaxone is known for its long half-life, allowing once-daily dosing in most cases.

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### Composition:

#### Each vial contains:

- **Ceftriaxone Sodium: Equivalent to 1000 mg of Ceftriaxone**

**Reconstitution solvent: (If provided, sterile water for injection)**

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### Indications:

Ceftriaxone injection is indicated for the treatment of:

- Lower respiratory tract infections (e.g., pneumonia, bronchitis)
  - Urinary tract infections (UTIs)
  - Skin and soft tissue infections
  - Bone and joint infections
  - Intra-abdominal infections
  - Bacterial septicemia
  - Meningitis
  - Gonorrhea
  - Typhoid fever
  - Surgical prophylaxis
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### Dosage and Administration:

**Adults and children over 12 years (or  $\geq 50$  kg):**

- Usual dose: 1-2 g once daily.
- Severe infections: Up to 4 g per day, divided into 1 or 2 doses.

**Children under 12 years (or  $< 50$  kg):**

- 20–80 mg/kg/day as a single dose or divided into two doses, based on infection severity.

**Neonates ( $\leq 14$  days):**

- 20–50 mg/kg/day as a single dose.

### Reconstitution:

1. Reconstitute with sterile water for injection or as directed by the manufacturer.
  - For IM injection: Reconstitute with lidocaine solution (if permitted and recommended).
2. Shake gently until the powder dissolves completely.

### Route of Administration:

- IM injection: Inject deep into a large muscle (e.g., gluteus).
  - IV injection: Administer slowly over 2-4 minutes.
  - IV infusion: Administer over 30 minutes for higher doses.
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### Contraindications:

- Hypersensitivity to Ceftriaxone, cephalosporins, or any formulation components.
  - Neonates with hyperbilirubinemia or those receiving calcium-containing IV solutions.
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### Warnings and Precautions:

- Allergic reactions: Cross-sensitivity can occur in patients allergic to penicillins.

- **Monitor for secondary infections during prolonged use.**
  - **Avoid mixing or simultaneous administration with calcium-containing solutions to prevent precipitation.**
  - **Discontinue if severe diarrhea occurs (possible Clostridioides difficile-associated diarrhea).**
  - **Use cautiously in patients with renal or hepatic impairment; adjust dose if necessary.**
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#### **Side Effects:**

- **Common: Pain at the injection site, rash, diarrhea, or nausea.**
  - **Less common: Vomiting, dizziness, or increased liver enzymes.**
  - **Rare: Severe allergic reactions, thrombocytopenia, pseudomembranous colitis, or gallbladder sludge.**
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#### **Storage:**

- **Store the vials at a temperature below 25°C.**
  - **Use the reconstituted solution immediately or within the time frame specified by the manufacturer.**
  - **Protect from light and moisture.**
  - **Keep out of reach of children.**
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#### **Note:**

**Ceftriaxone is a prescription-only medication and should be administered by a qualified healthcare professional. Complete the full course of therapy as prescribed to ensure effective treatment and prevent resistance.**

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

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