

Information For the User
Ceftazidime (2gm) + Avibactam (0.5gm) Injection

Dimezeft AV 2.5 Injection

Brand Name: Dimezeft AV 2.5 Injection

Dosage Form: Injection

Composition:

- Ceftazidime I.P. 2 g
- Avibactam I.P. 0.5 g

Therapeutic Segment:
Antibiotic / Anti-Infective Segment

Therapeutic Indication:
Indicated for the treatment of serious **bacterial infections** such as:

- Complicated intra-abdominal infections
- Complicated urinary tract infections (including pyelonephritis)
- Hospital-acquired and ventilator-associated pneumonia
- Infections caused by multidrug-resistant Gram-negative bacteria

It helps in **managing severe and resistant infections** by combining a potent cephalosporin with a novel β -lactamase inhibitor.

Mechanism of Action:

- **Ceftazidime** is a third-generation cephalosporin antibiotic that inhibits bacterial cell wall synthesis, leading to cell death.
- **Avibactam** is a non- β -lactam β -lactamase inhibitor that protects ceftazidime from degradation by extended-spectrum and carbapenemase-producing organisms, **broadening its antibacterial activity**.

Dosage & Administration:

Administered via **intravenous (IV)** infusion over 2 hours, every 8 hours, or as directed by the physician.

Dosage adjustment may be required in renal impairment.

Contraindications:

- Known hypersensitivity to ceftazidime, avibactam, or other β -lactam antibiotics.

Warnings & Precautions:

- Use with caution in patients with renal dysfunction.

- Discontinue use if an allergic reaction occurs.
- Avoid unnecessary use to prevent antibiotic resistance.

Side Effects:

- Nausea, vomiting, or diarrhea
- Headache or dizziness
- Rash or injection site reactions
- Rarely, hypersensitivity reactions

Storage:

Store below 25°C in a cool, dry place.

Reconstituted solution should be used immediately and protected from light.

Packaging:

Supplied as a **vial with sterile diluent for IV use.**

Segment:

Antibiotic / Anti-Infective – Used in the **management of resistant bacterial infections** caused by Gram-negative pathogens.

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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