

Merotyle 125 Injection

Brand Name: Merotyle 125 Injection

Dosage Form: Injection

Composition:

- Meropenem I.P. 125 mg

Therapeutic Segment:
Antibiotic / Anti-Infective Segment

Therapeutic Indication:

Indicated for the treatment of a wide range of **severe bacterial infections**, including:

- Respiratory tract infections (pneumonia, bronchitis)
- Urinary tract infections
- Intra-abdominal infections
- Skin and soft tissue infections
- Meningitis
- Septicemia and other hospital-acquired infections

It helps in **treating infections caused by multidrug-resistant Gram-positive and Gram-negative bacteria.**

Mechanism of Action:

- **Meropenem** is a broad-spectrum carbapenem antibiotic that inhibits bacterial cell wall synthesis by binding to penicillin-binding proteins (PBPs), resulting in **bacterial cell death**.
- It is **resistant to most β -lactamases**, making it effective against many resistant strains.

Dosage & Administration:

Administered by **intravenous (IV) injection or infusion** as directed by the physician.

Dosage depends on the severity and site of infection.

Contraindications:

- Hypersensitivity to meropenem or any β -lactam antibiotics.

Warnings & Precautions:

- Use with caution in patients with renal impairment; dosage adjustment may be necessary.
- Monitor for allergic reactions, especially in patients with a history of penicillin allergy.

- Prolonged use may result in superinfection due to resistant organisms.

Side Effects:

- Local pain or inflammation at the injection site
- Diarrhea, nausea, vomiting
- Headache or rash (rare)
- Allergic reactions (in sensitive individuals)

Storage:

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

Reconstituted solution should be used immediately.

Packaging:

Available as a **vial for IV use** with sterile water for reconstitution.

Segment:

Antibiotic / Anti-Infective – Effective in the **management of severe and resistant bacterial infections**.

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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