Ropenem

Injection (IV)

Composition : Meropenem 500mg & 1gm injection.

Indications : Meropenem IV is indicated for the treatment, in adults and children, of the following infections caused by single or multiple bacteria sensitive to Meropenem. These are as follows: Pneumonias and nosocomial pneumonias, Urinary tract infections, Intra-abdominal infections, Gynaecological Infections, such as endometritis Skin and Skin structure infections, Meningitis, septicaemia, Empiric treatment, including monotherapy, for presumed infections in adult patient with febrile neutropenia.

Dosage and administration : Adults: The dosage and duration of therapy shall be established depending on type and severity of infection and condition of the patient. The recommended daily dosage is as fallow. 500mg IV every 8 hours in the treatment of pneumonia, UTI, Gynaecological infections such as endometritis, skin and skin structure infections. 1g IV every 8 hours in the treatment of nosocomial pneumonias, peritonitis, presumed infections in neutropenic patients, Septicaemia. In cystic fibrosis, doses up to 2g every 8 hours have been used. In meningitis the recommended dosage is 2g every 8 hours.

Method of Administration: Ropenem to be used for bolus intravenous injection should be constituted with sterile water for injection (5ml per 250mg meropenem). This provides an approximate available concentration of 50mg/ml. Constituted solutions are clear or pale yellow.

Contraindication : Meropenem is contraindicated in patients who have demonstrated hypersensitivity to this product.

Side effects : Serious adverse effects are rare. During the clinical trials the following adverse events have been reported: inflammation, thrombophlebitis, pain at the site of injection, rash, pruritus, urticaria, Rarely severe skin reactions.

Precautions : Use of Meropenem in patients with hepatic disease should be made with careful monitoring of transaminase and bilirubin levels.

Use in pregnancy and lactation : Meropenem has been assigned to pregnancy category B by the FDA.

Dosage Schedule for Adults with impaired renal function :

Creatinine Clearance (ml/min)	Dose (Based on unit doses of 500mg, 1g, 2g)	Frequency
26 to 50	one unit dose	every 12 hours
10 to 25	one-half unit dose	every 12 hours
<10	one-half unit dose	every 24 hours

Children: For children over 3 months and up to 12 years of age, the recommended dose is 10 to 20 mg/kg every 8 hours depending on type and severity of infection, susceptibility of the pathogen and the condition of the patient. In children over 50 kg weight, adult dosage should be used. In meningitis the recommended dose is 40 mg/kg every 8 hours. Or, as directed by registered physician.

Drug interactions : The co-administration of Meropenem with probenecid is not recommended. Meropenem has been administered concomitantly with other medications without adverse pharmacological interactions.

Packing : 1 Combipack.