

# Sterile powder for solution for I.V. injection or infusion

Composition

Each per admission Meropenem trillydrate equilibrium per admission of meropenem contains 208 mg at Indications
Aropem is indicated for treatment, in adults a meropenem.

Juliary tract infractions
- Uniary tract infractions
- Maningalia
- Exprise instruction infections is
- Maningalia
- Exprise treatment, for presumed infections is
- Aropem has provide efficiacious allotre or in combina
- There is no experience in paediatric patients with no
Dosage and administration
- Adults:

The dosage and duration of therapy shall be establish
- The dosage and duration of therapy shall be establish

The recommended daily dosage is as follows:

Output

The recommended daily dosage is as follows:

Structure infections

The recommended daily dosage is as follows: ections, gynaecological infections such as endometritis, skin and skir

\$\overline{3} of Usery 8 hours in the seatment of nosocomial pneumonias, peritors in cystic florosis, doese up to 2 glevey 9 hours have been used, most pain (nystic florosis, doese up to 2 glevey 9 hours have been used, most pain As with other antibiotics, particular caution is recommended in using suspected Pseudomosa sensignosa other respiratory trust intelligent. Regular sensitivity testing is recommended when treating Pseudomonas "and the sensitivity testing is recommended when treating Pseudomonas "and the sensitivity testing is recommended when treating Pseudomonas "and the sensitivity testing is recommended when treating Pseudomonas "and the sensitivity testing is recommended when treating Pseudomonas "and the sensitivity testing is recommended when treating Pseudomonas "and the sensitivity testing is recommended when treating Pseudomonas "and the sensitivity testing is recommended when treating Pseudomonas "and the sensitivity testing is recommended when treating Pseudomonas "and the sensitivity testing is recommended when the sensitivity t

- 1	Creatinine Clearance (ml/min)	Dose (based on unit doses of 0.5 g,	Frequency			
		1 g, 2 g)				
	26-50	one unit dose	every 12 hours			
	10-25	one-half unit dose	every 12 hours			
	<10	one-half unit dose	every 24 hours			

nent is required for the elderly with normal renal function or creatinine of

No dosigns adjustment in required for the elderly with normal renat sunction or creatment occasion—evenue—evenue—evenue—evenue—for childrien:

For childrien:

For childrien over 3 months and up to 12 years of age the recommended dose is 10 - 20 mg/kg every 8 hours depending on type and severity of relaction, succeptability of the pathogen and the condition of the patient. In children over 50 kg weight, adult dosage about be used. Of relactions of chronic lower respiratory tract infections.

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provides an approximate obtainment on or on right. Com-patibility of the companies of the

nia. Rare: leucop

yoc anemia.

The common memory of the common memory

neropenem for active tubular secretion and thus inhibits the renal excretion, with the effect of increasing the acconcentration of meropenem. As the potency and duration of action of Aropem dosed without probenection on the profits indiagn of other drugs or metabolism has not been studied. The protein binding of Aropem is herefore, no interactions with other compounds based on displacement from plasma proteins would be expected, reprincipated with the process of the process of

in the company is a party in the force on interactions with other compounds based on displacement from plasma profesis would be expected. 
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penem susceptibility criteria are recommended based on pharmacokinetics an
a diameter and minimum inhibitory concentrations (MIC) of the infecting organ

Categorisation	Method of assessment	
	Zone diameter (mm)	MIC breakpoints (mg/L)
Susceptible	≥14	≤4
Intermediate	12 to 13	8
Decistors		540

Pharmacokinetics

3.30 minute introvenous indusion of a single dose of meropenem in healthy volunteers results in peak planma level of approximate II juginif of the 0.5 go dose, 20 juginif for the 0.5 go dose and the juginif for the 1.0 juginif for the 0.5 go dose, 20 juginif for the 0.5 go dose and the juginif for the 1.0 j

administration of a 0.5 g dose. No accumulation of meropenem in plasma or urine was observed with regimens using 0.5 g administered every 8 hours or 1 g administered every 6 hours in volunteers with normal renal function.

The only metabolite of meropenen is microbiologically inactive. Meropenen penetrates well into most body fluids and issues including cerebrospinal fluid of patients with bacterial meningitis, achieving concentrations in excess of those required to inhibit most bacteria. Studies in chifferth have shown that the charmacokinetics of meropenen in children are similar to those in adults. The elimination half-life

for meropenem was approximately 1.5 to 2.3 hours in children under the age of 2 years and the pharmacokinetics are linear over the dose range of 10 to 40 mg/kg.

The pharmacokinetic studies in patients with renal insufficiency have shown that the plasma clearance of meropenem correlates with creatinine

clearance. Dosage adjustments are necessary in subjects with renal impairment.

Pharmacokinetic studies in the elderly have shown a reduction in plasma clearance of meropenem, which correlated with age-associated reduction in creating clearance.

Promascokinetic studies in patients with liver disease have shown no effects of liver disease on the pharmacokinetics of meropenem.

Expiry date and storage conditions

## See the expiry date printed on the outer carton.

This date refers to the product correctly stored in unopened package.

Reware not to use **Aronem** after this date.

Store below 30°C. Do not freeze.

Keep all medicines out of reach of children.

It is recommended to use freshly prepared solutions of **Aropem** for I.V. injection or infusion. Reconstituted product may be stored for up to 2 hours at controlled room temperature (15-25°C) or for up to 12 hours if kept in a refrigerator (4°C).

	Stability (hours)		
Diluents	At temperatures between 15-25°C	At 4°C	
Solutions (1 to 20 mg/ml) prepared with:			
0.9% sodium chloride	4	24	
5% glucose	1	4	
5% glucose and 0.225% sodium chloride	1	4	
5% glucose and 0.9% sodium chloride	1	2	
5% glucose and 0.15% potassium chloride	1	6	
2.5% or 10% mannitol intravenous infusion	2	16	
10% glucose	1	2	
5% glucose and 0.02% sodium bicarbonate intravenous infusion	1	6	

### Presentation

Aropem sterile powder for solution for I.V. injection or infusion is available in packs of 1 vial containing 0.5 g/1 g of meropenem with sodium carbonate.

Manufactured by: Zambon Switzerland Ltd

Cadempino, Switzerland
For: ARWAN Pharmaceutical Industries Lebanon s.a.l.

### THIS IS A MEDICAMENT

- Medicament is a product which affects your health, and its consumption contrary to instructions is dangerous for you.
- Follow strictly the doctor's prescription, the method of use and the instructions of the pharmacist who sold the medicament.
   The doctor and the pharmacist are experts in medicines, their henefits and risks.
- Do not by yourself interrupt the period of treatment prescribed for you.
- Do not repeat the same prescription without consulting your doctor.
- Keep all medicaments out of the reach of children.

  Council of Arab Health Ministers. Union of Arab Pharmacists