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V

res have infrequently been reported during treatment with carbapenems, including Meropenem. tic function moi
tic function should be closely monitored during treatment with Meropenem due to the risk of hepatic toxicity (hepatic dysfunction ytolysis).
 patients with liver disease: patients with pre-existing liver disorders should have liver function monitored during treatment with to is no dose adjustment necessary. t anticipobulin test (Coombs test) seroconversion
itive direct or indirect Coombs test may develop during treatment with Meropenem. omitant use with Valproic Acid/Sodium Valproate/Valpromide
oncomitant use of Meropenem and Valproic Acid/Sodium Valproate/Valpromide is not recommended. penem containssodium penem 1000 mm: This medicinal product contains 90.2 mg sodium per 1000 mg vial equivalent to 4.51% of the WHO recomme
num daily intake of 2 g sodium for an adult. penem to be used for bolus intravenous injection should be constituted with sterile water for injection.
travenous infusion Meropenem vials may be directly constituted with 0.9% sodium chloride or 5% dextrose solutions for infusion. and aseptic techniques should be used for solution preparation and administration.
INIERACTION vecific medicinal product interaction studies other than probenecid were conducted. enecid
tees with Meropenem for active tubular secretion and thus inhibits the renal excretion of Meropenem with the effect of increasing fe and plasma concentration of Meropenem. Caution is required if probenecid is co-administered with Meropenem.
otential effect of Meropenem on the protein binding of other medicinal products or metabolism has not been studied. However, the ow that no interactions with other compounds would be expected on the basis of this mechanism.
or acro sases in blood levels of valproic acid have been reported when it is co-administered with carbapenem agents resulting in a 60-10 is acid levels in about two days. Due to the rapid onset and the extent of the decrease, co-administration of valor
anti-coagulants
taneous administration of antibiotics with warfarin may augment its anti-coagulant effects. There have been many reports of incre Jant effects of orally administered anti-coagulant agents, including warfarin in patients who are concomitantly receiving antibacte
hay vary with the indentifying metalon, age and general status of the patient so that the comboulon of the antibiotic of the national normalised ratio) is difficult to assess. It is recommended that the INR should be monitored frequently during and s istration of antibiotics with an oral anti-coaculant agent.
IN SPECIAL POPULATION nancy
3 or limited amount of data from the use of Meropenem in pregnant women. Animal studies do not indicate direct or indirect harmf ct to reproductive toxicity. As a precautionary measure, it is preferable to avoid the use of Meropenem during pregnancy. ttion
amounts of Meropenem have been reported to be excreted in human milk. Meropenem should not be used in breast-feeding we tial benefit for the mother justifies the potential risk to the baby.
CTS ON ABILITY TO DRIVE AND USE MACHINES udies on the effect on the ability to drive and use machines have been performed. However, when driving or operating machines, it is executed by the declarks as executively and the performance of the Machinese mathematical sectors and the sector
Sourin man nearadathe, paraesinesia and convasions have been reported to interopenent. SIRABLE EFFECTS / ADVERSE DRUG REACTION kalemia
kalemia as an Adverse drug reaction has been reported with the use of Meropenem. review of 4,872 patients with 5,026 Meropenem treatment exposures, Meropenem-related adverse reactions most frequently
toea (2.3 %), Rash (1.4 %), Nausea/Vomiting (1.4 %) and injection site inflammation (1.1 %). The most commonly reported Mer atory adverse events were thrombocytosis (1.6 %) and increased hepatic enzymes (1.5-4.3 %).
in adverse reactions, below an adverse reactions are inset of y system organicass and inequency, very common (\geq 1/10), common (\geq 1/100); rare (\geq 1/10,000 to <1/10,000
isions and infestations: Uncommon: oral and vaginal candidiasis. 1 and lymphatic system disorders: Common: Thrombocythaemia. Uncommon: Eosinophilia, Thrombocytopenia, Leucopenia, 1
iulocytosis, Haemolytic Anaemia. I ne system disorders: Uncommon: Angioedema, Anaphylaxis.
Jus system disorders: Common: Headache. Uncommon: Paraesthesiae. Rare: Convulsions. vointestinal disorders: Common: Diarrhoea, Vomiting, Nausea, Abdominal pain. Uncommon: Antibiotic-Associated colitis. tobiliary disorders: Common: Transaminases increased. Riond Alkaline Phosphatase increased. Biond lactate Dehydrogenas.
and subcutaneous tissue disorders: Common: Rash, Pruritis. Uncommon: Urticaria, Toxic Epidermal Necrolysis, Stevens Joh
ema Multiforme. Not Known: Drug Reactions with Eosinophilia and Systemic Symptoms (DRESS Syndrome). I and urinary disorders: Uncommon: Blood Creatinine increased, Blood Urea increased and the detection and the second
ta disorders and administration site conditions: common: milammation, Pain, oricommon, rinomoppineous, Pain at the nijet 2DOSE vie overdose may be possible in patients with renal impairment if the dose is not adjusted. Limited postmarketing experience
se reactions occur following overdose, they are consistent with the adverse reaction profile described above, are generally mild e on withdrawal or dose reduction. Symptomatic treatments should be considered.
ividuals with normal renal function, rapid renal elimination will occur. iodialysis will remove Meropenem and its metabolit MACOLOCICAL PROPERTIES
macotherapeutic group: Antibacterials for systemic use, Carbapenems. penem is a broad-spectrum carbapenem antibiotic. It is active against Gram-positive and Gram-negative bacteria. Meropenem ex-
rating bacterial cells readily and interfering with the synthesis of vital cell wall components, which leads to cell death. The bacte penem results from the inhibition of cell wall synthesis. Meropenem readily penetrates the cell wall of most Gram-positive and the transfer and the preside and the synthesis. In the transfer of the transfer and the formation and the formation and the transfer and the synthesis.
ina to feach pencimin-binning-protein (PDP) targets, its strongest annities are toward PDP's 2, 3 and 4 or <i>Escherichia con</i> and inosa; and PBPs 1, 2 and 4 of Staphylococcus aureus. RMACOKINETIC PROPERTIES
rption end of a 30-minute intravenous infusion of a single dose in healthy volunteers, mean peak plasma concentrations of Meropener
ximately 23 mcg/mL bution varaa plaama protain hinding of Maronanam was approximately 2 % and was independent of concentration. After rapid administry
verage plasma protein binding or wereperient was approximately 2 % and was independent or concentration. After tapid doministra s) the pharmacokinetics are biexponential but this is much less evident after 30 minutes infusion. bollsm
penem is metabolised by hydrolysis of the beta-lactam ring generating a microbiologically inactive metabolite. nation
Jenem is primarily excreted unchanged by the kidneys; approximately 70 % (50 –75 %) of the dose is excreted unchanged within 12 MPATIBILITY feropenem injection must not be mixed with other medicinal products.
nical and physical in-use stability for a prepared solution for infusion using 0.9% sodium chloride solution has been demonstrated olled room temperature (15-25°C).
ituted solution of Meropenem in 5% glucose (dextrose) solution should be used immediately, i.e. within 30 minutes following Cor at freeze the Constituted solution. in: Meropenem to be used for bolue intravenous injection should be constituted with Sterile Water for Injections IP.
on: For intravenous infusion Meropenem vial may be directly constituted with 0.9% sodium chloride or 5% glucose (dextrose) sol on.
lard aseptic techniques should be used for solution preparation and administration. vial is for single use only.
AGE INSTRUCTIONS · below 30°C. Protect from moisture & light. Do not freeze. medicine out of reach of children
ENTATION Imero Injection 1g is available in a vial & packed in mono carton with two ampoules of Sterile Water for Injections IP.
lactured by: Akums Drugs & Pharmaceuticals Ltd. & 5. Sector-6B. I.I.E., SIDCUL, Raniour, Haridwar-249 403. INDIA.
eted by :
ngen Lifesciences Pvt Ltd
Cross Street, 9th Main Road,
deeswaram Nagar, Velachery, nnai-600042.

nitoring with choles

Meropener

ended

Probenecid the elimination e protein binding

00 % decrease in oic acid/sodium

eases in the anti-erial agents. The increase in INR shortly after co-

There ful effects with

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should be taken

reported were openem-related

on (≥ 1/100 to available data)

Neutropenia,

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indicates that if d in severity and

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m are

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hours.

d for 6 hours at

nstitution.

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