

Biopen VK

Phenoxymethylpenicillin

Composition

Biopen VK 250 mg Tablet : Each tablet contains Phenoxymethylpenicillin (Penicillin V) Potassium BP equivalent to 250 mg Phenoxymethylpenicillin (Penicillin V) BP.

Biopen VK 100 ml PFS : Each 5 ml reconstituted suspension contains Phenoxymethylpenicillin (Penicillin V) Potassium BP equivalent to 125 mg Phenoxymethylpenicillin (Penicillin V) BP

Description

Biopen VK (Phenoxymethylpenicillin) is acidstable and is an orally active member of penicillin family. Biopen VK offers a very convenient means of treating Gram positive infections but is not indicated for Gram negative infections involving the respiratory and urinary tracts. Biopen VK has the distinct advantage over penicillin G in resistance to inactivation by gastric acid.

Mode of action

It acts by inhibiting the cell wall synthesis of susceptible bacteria.

Pharmacokinetics

Oral absorption of the drug is 40% with no presystemic metabolism. Peak serum concentration occurs within 45 minutes and the plasma half-life is about 30 minutes. Plasma protein binding of the drug is 80% and volume of distribution is 0.2L/kg.

Indications

- Mild to moderate URTI
- Tonsillitis
- Prophylaxis of rheumatic fever and pneumococcal infection
- Otitis media
- Erysipelas

Dosage and Administration

Adult : 500 mg every 6 hours increased to 750 mg every 6 hours in severe infections, Child : up to 1 year 62.5 mg 1- 5 years 125 mg, 6-12 years 250 mg every 6 hours.

The dose should be given 1 h before meals.

Use in pregnancy and lactation

The drug is safe in pregnancy. Penicillin excreted into human breast milk may lead to allergic reaction in the infant.

Contraindication

Biopen VK is contraindicated in patients known to hypersensitive to penicillin.

Side-effects

Common encountered untoward effects include nausea, vomiting, epigastric distress & diarrhoea. The hypersensitivity reactions reported are skin eruptions, urticaria and other serum sickness reactions, laryngeal oedema and anaphylaxis.

Precautions

A modest dose reduction may be appropriate in patients with severe renal failure.

Drug interaction

Neomycin reduces absorption and probenecid reduces excretion of penicillin V.

Storage condition

Store in a dry place below 30°C. Keep away from light.

Commercial pack

Biopen VK 250 mg Tablet: Each box contains 10 x 10 tablets in alu-alu blister strip.

Biopen VK 100 ml PFS: Each amber color glass bottle contains powder for the preparation of 100 ml suspension.

Manufactured by
Apex Pharma Ltd. for



For further query on the use of this medicine, consult to a registered Doctor or Pharmacist.