SINACLOX

CLOXACILLIN SODIUM BP

Compositions:
Sinaclox Capsule: Each Sinaclox capsule contains Cloxacillin 500 mg as Cloxacillin Sodium BP. Sinaclox Suspension: After reconstitution each 5 ml of oral suspension contains Cloxacillin 125 mg as Cloxacillin Sodium BP.

Pharmacology:
Sinaclox (Cloxacillin) is a beta-lactamase resistant semisynthetic antibiotic having bactericidal activity against most gram-positive organisms and Neisseria species. It is also effective against beta lactamase producing gram negative organisms when given with Ampicillin. Cloxacillin resists the action of beta-lactamase by its possession of an acyl side chain, which protects beta-lactam bond by preventing the enzyme getting access to it.

Dosage And Administration:
Adult: Usual dose is 500 mg 4 times daily. Children (2-10 years): 250 mg 4 times daily. Children (up to 2 years): 125 mg 4 times daily. Dose may be doubled in severe infection and should be taken at least 30 minutes before food.

Contraindications:
Cloxacillin is contraindicated to the patients hypersensitive to penicillin.

Warning And Precaution:
Cloxacillin should be given with caution to patients with known history of allergic reaction.

Side Effects:
Side effects are same as with other penicillins. Such as: Nausea, diarrhoea, loss of appetite, abdominal discomfort, skin rash, disturbance of blood electrolytes etc.

Drug Interaction:
Some products that may interact with this drug are: fusidic acid, methotrexate, tetracyclines, warfarin, khat, guar gum. Cloxacillin may cause false positive results with certain diabetic urine testing products (cupric sulfate-type). This drug may also affect the results of certain lab tests

Overdosage:
When penicillin reaches a certain (as yet undetermined) concentration in the cerebrospinal fluid, neurotoxic symptoms may occur consisting of myoclonia, convulsive seizures, and depressed consciousness. Unless administration of the drug is stopped or its dosage reduced, the syndrome may progress to coma and death. Penicillin does not normally cross the blood-brain barrier to any substantial extent, but when massive doses are used (several grams a day) in the presence of inflamed meninges and/or impaired renal function, or in elderly patients, the drug may cause the above- mentioned toxic reactions. No antidote is required. Treatment of overdose: Stop administration temporarily - promote excretion (dialysis, etc.).

Storage:
All dosage forms of cloxacillin should be kept in a cool, dry place. Store Cloxacillin injection vial at a temperature not exceeding 25 C.

Packing:
Sinaclox Capsule: Box contains 48 (12 x 4's) Capsules in Aluminium strip. Sinaclox Suspension: Bottle contains dry powder for 100 ml oral suspension.

Manufactured By:
The IBN SINA Pharmaceutical Industry PLC.
Shafipur, Gazipur, Bangladesh.