

Nebactil®

Suspension

Description

Nebactil contains Nalidixic acid BP. Nebactil is available in suspension form. It is a bactericidal DNA gyrase inhibitor.

Indications

Nalidixic acid is indicated in :

- ♦ Urinary tract infections caused by susceptible Gram-negative microorganisms, including the majority of *Proteus* strains, *Klebsiella*, *Enterobacter spp.* and *E. coli*.
- ♦ Gastrointestinal infections caused by *Salmonella* and *Shigella*.

Dosage and Administration

Adult : Initial therapy - 1 g 4 times/day (Total dose 4 g/day) for 1 or 2 weeks. Prolonged therapy - May be reduced to 2 g/day after the initial treatment period.

Children : 3 months to 12 years of age : Initial therapy : 55 mg/kg/day in 4 equally divided doses. Prolonged therapy : May be reduced to 33 mg/kg/day.

Contraindications

Nebactil is contraindicated to known hypersensitivity to Nalidixic acid, history of convulsive disorders and patients with porphyria. Should be used with caution in patients with liver and renal disease. Also in glucose 6 - phosphate dehydrogenase deficiency.

Precautions

General : Should be used with caution in liver disease, epilepsy or severe cerebral arteriosclerosis patients. Periodic blood counts and renal and liver function tests should be performed if treatment is continued for more than 2 weeks. If bacterial resistance emerges, rapid change of drug should be made.

Children : Should not be used to infants less than 3 months of age.

Side Effects

Central nervous system : Drowsiness, weakness, headache, dizziness, vertigo, toxic psychosis, brief convulsion (rare). *Ophthalmic* : Reversible subjective visual disturbances occur infrequently (generally with each dose during the first few days) and over brightness of lights, change in colour perception, focusing difficulty, decrease in visual acuity and double vision. *Gastrointestinal* : Abdominal pain, nausea, vomiting, diarrhoea. *Hypersensitivity* : Rash, pruritus, urticaria, angio-oedema, arthralgia with joint stiffness and swelling, anaphylactoid reaction (rare). *Haematologic* : Thrombocytopenia, leucopenia or haemolytic anaemia, sometimes associated with glucose-6-phosphate dehydrogenase deficiency (GGPD) (rare). *Miscellaneous* : Cholestatic jaundice, cholestasis, paraesthesia, metabolic acidosis (rare), photosensitivity reactions (e.g., erythema and painful bullae on exposed skin surfaces).

Use in Special Population

Pregnancy : Nalidixic acid is DNA-gyrase inhibitor which is capable of causing DNA damage, and there is possibility that it may cause cartilage damage. Thus, it is best to avoid using it in pregnancy.

Commercial Pack

Nebactil® Suspension : Bottle contains 50 ml of oral suspension. Each 5 ml contains 300 mg of Nalidixic acid BP.