

Genacyn®

Gentamicin

COMPOSITION

Genacyn® 20 injection: Each 2 ml ampoule contains Gentamicin 20 mg as Gentamicin Sulphate BP.

Genacyn® 80 injection: Each 2 ml ampoule contains Gentamicin 80 mg as Gentamicin Sulphate BP.

Genacyn® Ointment: Each gram of Genacyn® topical ointment contains Gentamicin 1 mg as Gentamicin Sulphate BP.

PHARMACOLOGY

Genacyn® contains Gentamicin Sulphate which is an aminoglycoside antibiotic. It is a proven bactericidal antibiotic active against Gram-positive & Gram-negative pathogens including E. coli, Klebsiella, Proteus, Pseudomonas aeruginosa and penicillin resistant strains of Staph. aureus. In common with other aminoglycoside antibiotics it appears to interfere with protein synthesis of bacterial cell.

INDICATION

Genacyn® injection: Indicated for septicaemia and neonatal sepsis, meningitis and other CNS infection, biliary tract infection, acute pyelonephritis of prostatitis, endocarditis caused by Strep. viridans of faecalis and Gentamicin sensitive other organisms.

Genacyn® Ointment: Indicated for Burn, Eczema, Seborrhetic dermatitis, Ecthyma, Excoriation, Folliculitis, Furunculosis, Insect bites and stings, Lacerations and abrasions, Paronychia, Pyoderma gangrenosum, Skin cysts and abscesses, Stasis ulcers and infected skin ulcers, Bacterial, fungal or viral superinfection, Sycosis barbae, minor surgical wounds, infected contact dermatitis caused by susceptible organisms.

DOSAGE AND ADMINISTRATION

Genacyn® injection:

Usually given intramuscularly. But it may be given intravenously, if required.

Adult: 3-5 mg/kg body wt. every 8 hours. Neonate up to 2 weeks: 3 mg/kg body wt. every 12 hours. Child 2 weeks-12 years: 2 mg/kg body wt. every 8 hours.

Genacyn® Ointment:

Apply 3 times daily. Before application the area should be washed with soap and water and dried thoroughly. If crusts present, it should be removed before application of ointment to provide maximum contact with the infecting organisms.

CONTRAINDICATION

Gentamicin injection and Gentamicin ointment are contraindicated to patients hypersensitive to Gentamicin. It is contraindicated in pregnancy and myasthenia gravis.

SIDE EFFECTS

Gentamicin injection: Vestibular damage, reversible nephrotoxicity, auditory ototoxicity may occur. Gentamicin ointment: Itching, redness, swelling or other signs of irritation.

PRECAUTION

Gentamicin injection should not be mixed with any other drug prior to administration. Gentamicin Ointment should not be applied to patients hypersensitive to Gentamicin.

USE IN PREGNANCY AND LACTATION

Pregnancy Category D. Small amounts of Gentamicin have been detected in breast milk. So, it is recommended that breastfeeding should be discontinued during treatment.

STORAGE CONDITION

Store below 30°C and protected from light.

HOW SUPPLIED

Genacyn® 20 injection: Box containing 10 ampoules in a blister pack.

Genacyn® 80 injection: Box containing 10 ampoules in a blister pack.

Genacyn® Ointment: Each pack has a laminated tube containing 10 gm ointment

Manufactured by



SQUARE
PHARMACEUTICALS LTD.
BANGLADESH