

GENACYN[®]

Gentamicin BP 0.1% as Sulphate
Topical Ointment

GENACYN[®] topical ointment contains Gentamicin Sulphate which is aminoglycoside group of antibiotic. Aminoglycoside actively transported across the bacterial cell membrane, binds to a specific receptor protein on the 30S subunit of bacterial ribosomes, and interferes with an initiation complex between mRNA and the 30S subunit, inhibiting protein synthesis. DNA may be misread, thus producing non-functional proteins; polyribosomes are split apart and are unable to synthesize protein.

It is active against both gram positive & gram-negative organism.

Although **GENACYN[®]** is not absorbed through intact skin, topical **GENACYN[®]** is readily absorbed from large denuded, burned or granulating areas.

COMPOSITION

Each gram of **GENACYN[®]** topical ointment contains 1 mg of Gentamicin BP as Sulphate.

INDICATION

Burns, 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

Apply 3 times daily.

Before application the area should be washed with soap and water and dried thoroughly. The treated area may be covered with a gauze dressing if desired.

If crusts present, it should be removed before application of ointment to provide maximum contact with the infecting organisms.

PRECAUTION

It should not be used to patients hypersensitive to Gentamicin.

ADVERSE EFFECT

Itching, redness, swelling or other signs of irritation develops.

STORAGE

Store at room temperature. Do not freeze.

HOW SUPPLIED

Tube containing 10 gm topical ointment