

STERILE

POLYGRAS (USP)

(Polymyxin B sulphate BP 10,000IU/gm.)
(Bacitracin Zinc BP 500IU/gm.)

COMPOSITION:

Polygras dressing is gauze of leno BP, weave evenly impregnated with paraffin containing polymyxin B sulphate 100,000 iu/gm. plus Bacitracin Zinc 500 iu/gm.

DESCRIPTION:

Polymyxin B sulphate is an antibacterial polypeptide whereas Bacitracin is cyclic polypeptide effective against gram positive and gram negative bacteria by interrupting cell wall of the microorganism.

PHARMACOKINETIC PROPERTIES:

MECHANISM OF ACTION:

Polymyxin B and bacitracin work by killing the bacteria that are causing the infection. They attack the bacteria in different ways. Polymyxin B binds to the cell membranes of the bacteria, while bacitracin interferes with the formation of their cell walls

PHARMACOKINETICS:

In topical applications, the product is shown to have the unique ability to bind to the proteins present in human tissues such as skin and mucous membranes with limited systemic or bodily absorption.

THERAPEUTIC INDICATIONS:

Polygras BP is effective against a wide range of vegetative gram-positive and gram-negative bacteria & also used in

- Minor burns & scalds
- Laceration, abrasion and other skin lose wound.
- Donor and recipient graft site.
- Leg ulcer.

INSTRUCTION FOR USE:

- Clean the wound using stand. Techniques.
- Select the size of dressing and peel off the pouch.
- By using gloves and forceps, remove protector paper.

- Gently apply single layer of impregnated gauze on wound.
- Apply a secondary absorbent dressing as required and secure the affected spot.
- If the dressing stick, soak it gently with normal saline (0.9%).

PRECAUTIONS FOR USE:

- Not for intravenous or oral route of administration.
- Prolonged use may result in overgrowth of no susceptible organisms, including fungi.
- If any signs or symptoms of a suspected hypersensitivity reaction develop, immediately stop use and contact to the physician.

DRUG INTERACTIONS:

The activity of the drug is reduced or neutralized by an alkaline pH, the presence of organic matter, anionic detergents, and tannins.

CONTRAINDICATIONS:

This product is contraindicated in those individuals who have shown hypersensitivity to any of its components and also contraindicated in fungal, or viral lesions of the skin.

STORAGE INSTRUCTION:

- Storage temperature should not exceed 25°C.
- Protect from direct sunlight.

PRESENTATION:

10CMX10CM (BOX of 10 Dressings)



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