Bactropen

Mupirocin USP 2% w/w Ointment

COMPOSITION

Each gram of ointment contains Mupirocin USP 20 mg.

PHARMACOLOGY

Mupirocin is a naturally occurring antibiotic. This antibacterial agent is produced by fermentation using the organism *Pseudomonas fluorescens*. It is active against a wide range of bacteria (e.g. *Staphylococcus aureus* including methicillin-resistant strains and *Streptococcus pyogenes*) those responsible for the majority of skin infections. It is also active against gram-negative pathogens, such as *Escherichia coli* and *Haemophilus influenzae*. Mupirocin inhibits bacterial protein synthesis by reversibly and specifically binding to bacterial isoleucyl transfer-RNA synthetase.

INDICATION

Bactropen ointment is indicated for the topical treatment of impetigo (skin diseases) due to *Staphylococcus aureus* and *Streptococcus pyogenes*. It is also indicated in folliculitis, furunculosis.

DOSAGE AND ADMINISTRATION

A small amount of **Bactropen** ointment should be applied to the affected area 3 times daily for up to 10 days.

CONTRAINDICATION

The drug is contraindicated in individuals with a history of hypersensitivity reactions to Mupirocin or any of the components of the preparation.

WARNING AND PRECAUTION

Bactropen ointment is not for ophthalmic or intra-nasal use. As with other antibacterial products, prolonged use may result in overgrowth of non-susceptible organisms, including fungi. When Bactropen is used on the face care should be taken to avoid the eyes. This is not suitable in conjunction with cannulae and at the site of central venous cannulation. In the event of a sensitization or severe local irritation from Bactropen ointment, usage should be discontinued and appropriate alternative therapy for the infection instituted. Mixing of Mupirocin ointment with other preparations causes risk of dilution, resulting in a reduction of the antibacterial activity and potential loss of stability of the Mupirocin in the ointment.

SIDE EFFECTS

Reported side effects are burning, stinging or pain, itching and some patient may be suffered rash, nausea, erythema, dry skin, tenderness, swelling, contact dermatitis and increased exudate.

USE IN PREGNANCY AND LACTATION

Reproduction studies on Mupirocin ointment in animals have revealed no evidence of harm to the foetus. As there is no clinical experience on it's use during pregnancy, Mupirocin ointment should only be used in pregnancy when the potential benefits outweigh the possible risks of treatment.

It is unknown whether this drug is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when Mupirocin ointment is administered to a nursing woman.

USE IN CHILDREN & ADOLESCENTS

The safety and effectiveness of Mupirocin ointment have been established in the age range of 2 months to 16 years.

DRUG INTERACTION

No drug interaction has been identified with Mupirocin ointment.

OVERDOSE

There is currently limited data with overdose of Mupirocin ointment. In the event of overdose, the patient should be treated supportively with appropriate monitoring as necessary.

STORAGE

Keep below 25°C temperature, protected from light and moisture. Do not keep in freeze. Keep out of the reach of children.

HOW SUPPLIED

Each box contains a tube of 10 gm **Bactropen** ointment.

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NIPRO JMI Pharma

Manufactured by:
NIPRO JMI Pharma Ltd.
Chauddagram, Comilla, Bangladesh.