

Virux[®]

Aciclovir BP

COMPOSITION

Virux[®] Cream: Each gram cream contains Aciclovir BP 50 mg.

PHARMACOLOGY

Aciclovir is a synthetic purine derivative. It exerts its antiviral effect on *Herpes simplex* virus (HSV) and *Varicella zoster* virus by interfering with DNA synthesis and inhibiting viral replication. In cells infected with herpes virus, the antiviral activity of Aciclovir appears to depend principally on the intracellular conversion of the drug to Aciclovir Triphosphate. Aciclovir is converted to Aciclovir Monophosphate principally via virus coded thymidine kinase; the monophosphate is phosphorylated to the diphosphate via cellular guanylate kinase and then via other cellular enzyme to the triphosphate, which is the pharmacologically active form of the drug. Percutaneous absorption of Aciclovir appears to be minimal following topical application of the drug to intact skin.

INDICATION

Virux[®] Cream is indicated for the treatment of initial and recurrent labial and genital *Herpes simplex* infections. Treatment should begin as early as possible.

DOSAGE AND ADMINISTRATION

Virux[®] Cream should be applied to lesions 5 times daily for 5-10 days. The affected area should be kept clean and dry; patients should be instructed to wear loose-fitting clothing to avoid irritation to the lesion.

USE IN PREGNANCY AND LACTATION

Pregnancy category B. Aciclovir should not be used during pregnancy unless the potential benefit justifies the potential risk to the fetus. Caution should be exercised when it is administered to a nursing mother.

PEDIATRIC USE

Safety and effectiveness in pediatric patients less than 12 years of age have not been established.

CONTRAINDICATION

Aciclovir is contraindicated in patients known to be hypersensitive to Aciclovir.

WARNING AND PRECAUTION

Virux[®] Cream is not recommended for application to buccal or vaginal mucous membrane. Care should be taken to avoid accidental introduction into the eye.

SIDE EFFECT

Transient burning or stinging following application of Aciclovir cream may occur. Erythema or mild drying and flaking of the skin have been reported.

STORAGE

Store below 25°C. Protected from light. Keep out of the reach of children.

HOW SUPPLIED

Virux[®] Cream: Each pack has a aluminium tube containing 10 gm cream.

Manufactured by



SQUARE
PHARMACEUTICALS LTD.
BANGLADESH