

**STERILE**<sup>Rx</sup> Aciclovir Eye Ointment BP

**Eyevir**<sup>TM</sup> Eye Ointment

आयविर

**DESCRIPTION:**

Eyevir Eye Ointment is an antiviral agent that is highly active against Herpes simplex virus (HSV) types 1 and 2, with low toxicity to mammalian cells.

**COMPOSITION:**

Aciclovir IP .....3.00% w/w  
Benzalkonium Chloride  
Solution IP ..... 0.02% w/w

**PHARMACOLOGY:**

Aciclovir in Eyevir Eye Ointment is a synthetic purine analogue with activity against HSV. Aciclovir is phosphorylated to the active compound aciclovir triphosphate after entry into a herpes infected cell. The first step in this process requires the presence of the viral-coded thymidine kinase. Aciclovir triphosphate acts as an inhibitor of and substrate for the herpes specified DNA polymerase preventing further viral DNA synthesis without affecting normal cellular processes.

Aciclovir is absorbed following application of a 3% ointment to the eye giving a relatively high concentration of 1.7 ug/ml. in the aqueous humour but negligible amounts in the blood.

**INDICATION:**

Eyevir Eye Ointment is indicated for the treatment of Herpes simplex keratitis.

**DOSAGE & ADMINISTRATION:**

The dosage of ointment for all age group is the same. A 10 mm ribbon of the Eyevir Eye Ointment should be placed inside the lower conjunctival sac five times a day at approximately four hourly intervals. Treatment should continue for least 3 days after healing.

**DIRECTION FOR USE:**

Follow these steps to use the eye ointment:

1. Wash your hands thoroughly with soap and water.
2. Remove the cap from the tube. Using your forefinger, gently pull your lower eyelid down to form a pouch. (see Diagram 1).



Diagram 1



Diagram 2

3. Using your other hand, carefully squeeze a small ribbon (about 1-1 1/2 cm) of ointment into the pouch. (see Diagram 2).

4. Making sure that the ointment remains within the eye, slowly close your eye without blinking (see *Diagram 3 and 4*). Keep your eye closed for 1 to 2 minutes.



*Diagram 3*



*Diagram 4*

5. If necessary, repeat the above steps 1-4 for your other eye.
6. Place the cap on the tube and close it tightly.
7. Wash your hands again with soap and water to remove any residue.

Be careful not to touch the tip of the tube against your fingers or the eye, or anything else.

This will help prevent the ointment becoming dirty or contaminated.

#### **CONTRAINDICATION:**

This preparation is contraindicated in patients known to be hypersensitive to aciclovir or valaciclovir.

#### **PRECAUTION:**

Patients should avoid wearing contact lenses when using this preparation.

This preparation is to be used within one month of opening the tube.

**Centaur**

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#### **WARNING:**

**FOR OPHTHALMIC USE ONLY.**

Patient should be informed that transient mild stinging may occur immediately following application.

#### **PREGNANCY & LACTATION:**

A post-marketing aciclovir pregnancy registry has documented pregnancy outcomes in women exposed to any formulation of aciclovir. The registry findings have not shown an increase in the number of birth defects amongst aciclovir exposed subjects compared with the general population. Nevertheless the use of Eyevir Eye Ointment should be considered only when the potential benefits outweigh the possibility of unknown risks.

Limited human data shown that aciclovir is secreted in breast milk following systemic administration. However, the dosage received by a nursing infant following maternal use of eye ointment would be insignificant.

#### **DRUG INTERACTION:**

No clinically significant interactions have been reported.

#### **PRESENTATION:**

Tube of 5g.

#### **STORAGE:**

Store below 25°C in a dry and dark place. Keep ointment out of the reach of children.