

NEPUSOLONE 1%

(Prednisolone Sodium Phosphate BP)

Sterile Solution for Ophthalmic Use

Composition

Prednisolone Sodium Phosphate BP 1% m/v



Pharmacodynamic properties

The actions of corticosteroids are mediated by the binding of the corticosteroid molecules to receptor molecules located within sensitive cells. Prednisolone Sodium Phosphate, in common with other corticosteroids, will inhibit phospholipase A2 and thus decrease prostaglandin formation. The activation and migration of leucocytes will be affected by Prednisolone Sodium Phosphate. A 1% solution of Nepusolone has been demonstrated to cause a 5.1% reduction in polymorph nuclear leucocytes mobilisation to an inflamed cornea. Corticosteroids will also lyse and destroy lymphocytes. These actions of Prednisolone Sodium Phosphate all contribute to its anti-inflammatory effect.



NEPUNTOLATE

Cyclopentolate Hcl Bp

Sterile Solution For Ophthalmic Use

Composition

Cyclopentolate Hydrochloride BP 1% m/v

Pharmacology

Cyclopentolate is a medication commonly used during pediatric eye examinations that dilates the eye (mydriasis), prevents accommodation of the eye to different distances (cycloplegic), and blocks specific receptors called muscarinic receptors (muscarinic antagonist).[1] Cyclopentolate is also administered as an atropine substitute to reverse muscarinic and central nervous system effects of indirect cholinomimetic (anti-A Chase) administration.

NOTE:

Use the solution within one month after opening the container

Warning

To avoid contamination, do not touch tip of the container or any surface.

If irritation persists or increases, discontinue use and consult physician.

For Ophthalmic use only

Dose

As directed by the physician.

Instructions

- Store in a cool and dry place.
- Shake well before use
- Replace cap securely after use.
- Keep out of the reach of children.

Manufactured by:

KSB NATIONAL EYE DROP PRODUCTION UNIT

Contact:

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Established By An Act Of Parliament Act cap 251

THE KENYA SOCIETY FOR THE BLIND (KSB)

KSB Exists to:

- 1- To promote education of Visually impaired
- 2- To promote treatment and prevention of avoidable blindness
- 3- To Promote rehabilitation of the irreversibly blind
- 4- To raise awareness on the plight of PWVI in Kenya

Other KSB's Services:

- 1- Orientation and Mobility Training
- 2- Adaptive Computer Training (CAT)
- 3- Transcription services
- 4- Disability mainstreaming
- 5- Assistive devices for the Visually Impaired
- 6- Affordable Eye Clinic & Optical Services

White Cane



NEPUSOLONE - G

Prednisolone Sodium Phosphate with Gentamicin Sulphate

Sterile Ophthalmic Solution

Composition

Prednisolone Sodium Phosphate B.P. 0.5% w/v
Gentamicin Sulphate B.P. 0.3% w/v



Pharmacology

Microbiology: Gentmycin sulfate in Nepusolone -G is active in vitro against many strains of the following microorganisms: Staphylococcus aureus, Staphylococcus epidermidis, Streptococcus pyogenes, Streptococcus pneumoniae, Enterobacter aerogenes, Escherichia coli, Haemophilus influenzae, Klebsiella pneumoniae, Neisseria gonorrhoeae, Pseudomonas aeruginosa, and Serratia marcescens. An action of prednisolone contributes to its anti-inflammatory effect.

NEPUSOLONE

Prednisolone Sodium Phosphate B.P.

0.5%

Sterile Ophthalmic Solution

Composition

Prednisolone Sodium Phosphate B.P. 0.5% w/v
Cetrimide 0.5% v/v



Pharmacodynamic properties

The actions of corticosteroids are mediated by the binding of the corticosteroid molecules to receptor molecules located within sensitive cells. Prednisolone Sodium Phosphate 0.5%, in common with other corticosteroids, will inhibit phospholipase A2 and thus decrease prostaglandin formation. The activation and migration of leucocytes will be affected by Prednisolone Sodium Phosphate A 0.5%. Solution of prednisolone has been demonstrated to cause a 5.1% reduction in polymorph nuclear leucocytes mobilisation to an inflamed cornea. Corticosteroids will also lyse and destroy lymphocytes. These actions of prednisolone all contribute to its anti-inflammatory effect.

NEPUCROMO

Sodium Cromoglycate B.P.

2%

Sterile Ophthalmic Solution

Composition

Sodium Cromoglycate B.P. 2% w/v
Benzalkonium Chloride 0.02% v/v



Pharmacology

Sodium Cromoglycate is a mast cell stabilizer that acts by inhibiting the degranulation of sensitized mast cells which usually occurs after exposure to allergens and there by prevents the release of allergic mediators such as histamine.

NEPUZINC

Zinc Sulphate

0.25%

Sterile Ophthalmic Solution

Composition

Zinc Sulphate B.P. 0.25% w/v
PMN 0.004% v/v



Pharmacology

Zinc sulfate ophthalmic solution has a mild astringent effect (that is, it causes tissues to contract when applied topically), which can help to shrink the tiny blood vessels in the whites of the eye (sclera) and so relieve redness and irritation.

NEPUCELLULOSE

Methylcellulose B.P.

2%

Sterile Ophthalmic Solution

Composition

Methylcellulose B.P. 2% w/v
Centrimide 0.5% v/v



Pharmacology

Methylcellulose is used as Ocular lubricant in a dry eye syndrome and not absorption into the cornea.



NEPUCAINE

(Amethocaine HCL BP)

Sterile Solution for Ophthalmic Use

Composition

Amethocaine Base BP 0.5% M/V

Pharmacodynamic Properties

Nepucaine eye drop is used as a local anesthetic which acts by reversibly blocking the propagation and conduction of nerve impulses along nerve axons. Nepucaine stabilizes the nerve membrane, preventing the increase in sodium permeability necessary for the production of an action potential.