

PRODUCT MONOGRAPH

Pr PATANOL[®]

Olopatadine Hydrochloride Ophthalmic Solution,
0.1% w/v (as olopatadine)

Therapeutic Classification:
Anti-allergy Agent

Novartis Pharmaceuticals Canada Inc.
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PATANOL[®]
Olopatadine Hydrochloride Ophthalmic Solution,
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PART I: HEALTH PROFESSIONAL INFORMATION

SUMMARY PRODUCT INFORMATION

Route of Administration	Dosage Form / Strength	Clinically Relevant Nonmedicinal Ingredients
Topical Ophthalmic	Solution 0.1% (w/v)	Preservative: benzalkonium chloride Inactive Ingredients: purified water, sodium chloride, dibasic sodium phosphate, hydrochloric acid and/or sodium hydroxide (to adjust pH)

INDICATIONS AND CLINICAL USE

PATANOL[®] (olopatadine hydrochloride) ophthalmic solution is indicated for the treatment of allergic conjunctivitis.

Geriatrics: No overall difference in safety has been observed between elderly and younger patients.

Pediatrics (3 – 16 years of age): PATANOL[®] solution administered three times a day for six weeks was shown to be safe and well-tolerated in subjects who were ages 3 years and older.

CONTRAINDICATIONS

Patients who are hypersensitive to this drug or to any ingredient in the formulation or component of the container. For a complete listing, see DOSAGE FORMS, Composition and Packaging section of the product monograph.

WARNINGS AND PRECAUTIONS

General

For topical use only. Not for injection. Patients should be instructed not to instill PATANOL[®] (olopatadine hydrochloride) ophthalmic solution while wearing contact lenses, but to wait for 10

minutes after instillation before inserting contact lenses.

To prevent contaminating the dropper tip and solution, care should be taken not to touch the eyelids or surrounding areas with the dropper tip of the bottle. Keep bottle tightly closed when not in use.

Carcinogenesis and Mutagenesis

Please refer to animal data in TOXICOLOGY section.

Sexual Function/Reproduction

Fertility: Olopatadine administered to male and female rats at oral doses of 62,500 times the maximum recommended ocular human use level resulted in a slight decrease in the fertility index and reduced implantation rate; no effects on reproductive function were observed at doses of 7,800 times the maximum recommended ocular human use level.

Special Populations

Pregnant Women:

Olopatadine was found not to be teratogenic in rats and rabbits at oral doses >90,000 and >60,000 times the maximum recommended ocular human use level, respectively. There are, however, no adequate and well controlled studies in pregnant women. Because animal studies are not always predictive of human responses, this drug should be used in pregnant women only if the potential benefit to the mother justifies the potential risk to the embryo or fetus.

Nursing Women:

Olopatadine has been identified in the milk of nursing rats following oral administration. Rat pups of mothers administered olopatadine orally at greater than 625 times (but not at 312 times) the maximum recommended ocular human use level demonstrated reduced body weight gain during the nursing period. It is not known whether topical ocular administration could result in sufficient systemic absorption to produce detectable quantities in human breast milk. Nevertheless, caution should be exercised when PATANOL[®] solution is administered to a nursing mother.

Geriatrics: No overall difference in safety has been observed between elderly and younger patients.

Pediatrics (3 – 16 years of age): Safety and Effectiveness in pediatric patients between the ages of 3 and 16 have been established.

ADVERSE REACTIONS

Adverse Drug Reaction Overview

In clinical studies of PATANOL[®] (olopatadine hydrochloride) ophthalmic solution, ocular and

nonocular adverse reactions related to therapy were reported at an incidence below 1%.

Clinical Trial Adverse Drug Reactions

Because clinical trials are conducted under very specific conditions the adverse reaction rates observed in the clinical trials may not reflect the rates observed in practice and should not be compared to the rates in the clinical trials of another drug. Adverse drug reaction information from clinical trials is useful for identifying drug-related adverse events and for approximating rates.

Less Common Clinical Trial Adverse Drug Reactions

Ocular: mild transient burning or stinging, pruritis, hyperemia, foreign body sensation, superficial keratitis, lid edema, dry eye, lid dryness, lid spasm, photophobia.

Nonocular: asthenia, headache, taste perversion.

Abnormal Hematologic and Clinical Chemistry Findings

No hematologic or clinical chemistry findings have been observed.

Post-Market Adverse Drug Reactions

Approximately 30.5 million units of PATANOL[®] solution have been sold in 69 countries. The reporting rate of all reaction terms reported between 01 January 1997 and 31 December 2004 was 0.004%, and no single reaction term occurred with a reporting rate greater than 0.0007%.

There were no new major findings bearing on the established overall safety profile of PATANOL[®] solution.

DRUG INTERACTIONS

Overview

No clinical interaction studies have been conducted with PATANOL[®] (olopatadine hydrochloride) ophthalmic solution. *In vitro* studies have shown that olopatadine does not inhibit metabolic reactions which involve cytochrome P-450 isoenzymes 1A2, 2C8, 2C9, 2C19, 2D6, 2E1 and 3A4. Olopatadine is moderately bound to plasma proteins (approximately 55%). These results indicate that olopatadine is unlikely to result in interactions with other concomitantly administered medications. Due to the low systemic exposure following topical ocular dosing, it is unlikely that PATANOL[®] solution would interfere with immediate hypersensitivity skin testing.

Drug-Drug Interactions

Interactions with other drugs have not been established.

Drug-Food Interactions

Interactions with food have not been established.

Drug-Herb Interactions

Interactions with herbal products have not been established.

Drug-Laboratory Test Interactions

Interactions with laboratory tests have not been established.

DOSAGE AND ADMINISTRATION

Recommended Dose and Dosage Adjustment

The recommended dose is one to two drops in each affected eye twice daily.

No dosage adjustment is required in hepatic or renal impairment.

Missed Dose

If a dose is missed, a single drop should be taken as soon as possible before reverting to regular routine. Do not use a double dose to make up for the one missed.

OVERDOSAGE

A topical overdosage may be flushed from the eye(s) with warm tap water.

ACTION AND CLINICAL PHARMACOLOGY

Mechanism of Action

Olopatadine, a structural analog of doxepin, is a non-steroidal, non-sedating, topically effective anti-allergic molecule that exerts its effects through multiple distinct mechanisms of action. Olopatadine is a mast cell stabilizer and a potent, selective histamine H₁ antagonist (9, 11) that inhibits the *in vivo* type 1 immediate hypersensitivity reaction (12). Olopatadine inhibits the release of mast cell inflammatory mediators [i.e., histamine, tryptase, prostaglandin D₂ and TNF α (4,9,11,12)] as demonstrated in *in vitro* studies and confirmed in patients (7). Olopatadine is also an inhibitor of pro-inflammatory cytokine secretion from human conjunctival epithelial cells (13).

Pharmacodynamics

Effects on cardiac repolarization (QTc):

In two placebo-controlled, two-way crossover cardiac repolarization studies, no signal of QT interval prolongation was observed relative to placebo following twice daily 5 mg oral doses for 2.5 days in 102 healthy volunteers, or following twice daily 20 mg oral doses for 13.5 days in 32 healthy volunteers. In addition, no evidence of QT interval prolongation was observed, relative

to placebo, in 429 perennial allergic rhinitis patients given PATANOL[®] (olopatadine hydrochloride) Nasal Spray, 665 micrograms twice daily for up to 1 year.

Pharmacokinetics

Following topical ocular administration in man, olopatadine was shown to have low systemic exposure. Two studies in normal volunteers (totalling 24 subjects) dosed bilaterally with Olopatadine 0.15% ophthalmic solution once every 12 hours for 2 weeks demonstrated plasma concentrations to be generally below the quantitation limit of the assay (<0.5 ng/mL). The half-life in plasma was 7-14 hours, and elimination was predominantly through renal excretion. Approximately 60-70% of the dose was recovered in the urine as parent drug.

Special Populations and Conditions:

Pediatrics: PATANOL[®] (olopatadine hydrochloride) ophthalmic solution administered three times a day for six weeks was shown to be safe and well tolerated in subjects who were 3 years and older.

Geriatrics: No overall differences in safety and effectiveness have been observed between elderly and younger patients.

Gender: No specific pharmacokinetic study examining the effect of gender was conducted.

Race: No specific pharmacokinetic study examining the effect of race was conducted.

Hepatic Insufficiency: No specific pharmacokinetic study examining the effect of hepatic impairment was conducted. Since metabolism of olopatadine is a minor route of elimination, no adjustment of the dosing regimen of Olopatadine Hydrochloride Ophthalmic Solution, 0.1% is warranted in patients with hepatic impairment.

Renal Insufficiency:

The mean plasma C_{max} values for olopatadine following single intranasal doses of olopatadine HCl nasal spray 0.6% (665 µg/spray) were not markedly different between healthy subjects (18.1 ng/mL) and patients with mild, moderate and severe renal impairment (range 15.5 to 21.6 ng/mL). Plasma AUC was 2.5-fold higher in patients with severe impairment (creatinine clearance <30 mL/min/1.73m²). Predicted peak steady-state plasma concentrations of olopatadine in patients with renal impairment following administration of Olopatadine Hydrochloride Ophthalmic Solution, 0.1% are at least 10-fold lower than those observed following administration of olopatadine nasal spray 0.6%, and approximately 300-fold lower than those observed following the safe and well-tolerated administration of 20 mg oral doses for 13.5 days. These findings indicate that no adjustment of the dosing regimen of Olopatadine Hydrochloride Ophthalmic Solution, 0.1% is warranted in patients with renal impairment.

STORAGE AND STABILITY

Store at 4° - 30°C. Discard the container at the end of treatment.

SPECIAL HANDLING INSTRUCTIONS

None.

DOSAGE FORMS, COMPOSITION AND PACKAGING

PATANOL[®] (olopatadine hydrochloride) ophthalmic solution is available in plastic DROP-TAINER[®] dispensers containing 5 mL, 10 mL or 15mL.

Each mL of PATANOL[®] solution contains: **Active:** 1.11 mg olopatadine hydrochloride equivalent to 1 mg olopatadine. **Preservative:** benzalkonium chloride 0.01%. **Inactives:** sodium chloride, dibasic sodium phosphate, hydrochloric acid/sodium hydroxide (adjust pH), and purified water.

PATANOL[®] solution has a pH of approximately 7 and an osmolality of approximately 300 mOsm/kg.

PART II: SCIENTIFIC INFORMATION

PHARMACEUTICAL INFORMATION

Drug Substance

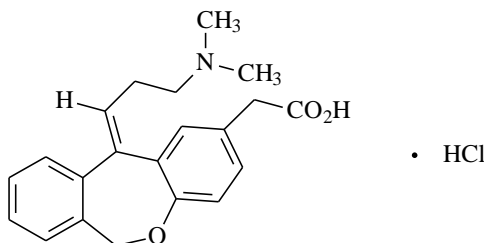
Proper name: Olopatadine hydrochloride

Chemical name:

- (1) Dibenz[*b,e*]oxepin-2-acetic acid, 11-[3-(dimethylamino)propylidene]-6,11-dihydro-, hydrochloride, (*Z*)-
- (2) 11-[(*Z*)-3-(Dimethylamino)propylidene]-6,11-dihydrodibenz[*b,e*]oxepin-2-acetic acid, hydrochloride

Molecular formula and molecular mass: $C_{21}H_{23}NO_3 \cdot HCl$; 373.88

Structural formula:



Description: White, crystalline powder

Solubility: Sparingly soluble in methanol and water. Insoluble in chloroform.

pH (1% aqueous solution): 2.5

CLINICAL TRIALS

Study demographics and trial design

Table 1: Summary of trial design and patient demographics for clinical trials.

Study #	Trial design	Dosage, route of administration and duration	Study subjects (n=number)	Mean age (Range)	Gender
C-94-10	Randomized, double masked, placebo controlled, parallel group	Placebo, 0.01%, 0.05%, 0.1% and 0.15%; one ophthalmic drop 27 min., 6h and 8h prior to allergen challenge; 5 weeks.	98	37 years (18 – 64 yrs)	49 M 49 F
C-94-58	Triple masked, placebo controlled, randomized, contralateral eye comparison study.	Placebo, 0.05% and 0.1%; topical ocular administration; 4 weeks	60	46 years (18 – 72 yrs)	29 M 31 F
C-94-39	Triple masked, placebo controlled, randomized, contralateral eye comparison study.	Placebo, 0.05% and 0.1%; topical ocular administration; 4 weeks	120	39 years (18 – 80 yrs)	40 M 80 F

Study results**Table 2: Clinical trial study results.**

Primary Endpoints	Associated value and statistical significance for Placebo or active control
<p>C-94-10</p> <p>Onset of action and duration of action for itching and redness.</p>	<p>Comparison between the four (4) olopatadine concentrations revealed a non linear dose relationship. All four (4) concentrations were statistically significant from placebo, however results showed the 0.1% olopatadine concentration to be most effective in reducing ocular itching and redness.</p> <p>At 3, 10 and 20 minutes, Olopatadine 0.1% showed a mean point score reduction (range 0-4) in ocular itching compared to placebo of -1.72, -1.68 and -1.28 ($P \leq 0.05$), and a -2.72, -3.48 and -2.78 point score reduction (range 0-12) in ocular redness* compared to placebo ($P \leq 0.05$) when instilled 27 minutes prior to the conjunctival allergen challenge.</p> <p>Olopatadine 0.1% demonstrated a 6 hour duration of action when instilled 6 hours before the conjunctival allergen challenge. Results show a mean point score reduction (range 0-4) of -1.46, -1.70 and -1.07 in ocular itching compared to placebo ($P \leq 0.05$) at 3, 10 and 20 minutes following the allergen challenge. Similarly ocular redness* scores showed a mean -1.52, -1.76 and -1.33 point score reduction (range 0-12) compared to placebo ($P \leq 0.05$) at 3, 10 and 20 minutes following the allergen challenge.</p> <p>Olopatadine 0.1% when instilled 8 hours before the conjunctival allergen challenge show a mean point score reduction (range 0-4) of -1.48, -1.62 and -0.92 in ocular itching compared to placebo ($P \leq 0.05$) at 3, 10 and 20 minutes following the onset-of-action challenge. Similarly ocular redness* scores showed a mean -1.58, -1.78 and -1.42 point score reduction (range 0-12) compared to placebo ($P \leq 0.05$) at 3, 10 and 20 minutes following the onset-of-action challenge.</p>
<p>C-94-58</p> <p>Onset of action and duration of action for itching and redness.</p>	<p>Olopatadine 0.1% was statistically superior to placebo in preventing ocular itching and redness with 3 minutes of the onset of action challenge. This difference from placebo persisted at the 8 hour duration of action challenge.</p> <p>At 3, 10 and 20 minutes post challenge, Olopatadine 0.1% showed a mean point score reduction (range 0-4) in ocular itching compared to placebo of -0.88, -1.19 and -1.07 ($P \leq 0.05$), and a -1.60, -1.69 and -1.38 point score reduction (range 0-12) in ocular redness* compared to placebo ($P \leq 0.05$), when one drop was instilled 27 minutes prior to the conjunctival allergen challenge.</p> <p>Olopatadine 0.1% when instilled 8 hours before the conjunctival allergen challenge show a mean point score reduction (range 0-4) of -0.37, -0.58 and -0.75 in ocular itching compared to placebo ($P \leq 0.05$) at 3, 10 and 20 minutes following the conjunctival allergen challenge. Ocular redness* scores showed a mean -0.13, -0.52 and -0.45 point score reduction (range 0-12) compared to placebo at 3, 10 and 20 minutes following the conjunctival allergen challenge.</p>

<p>C-94-39</p> <p>Onset of action and duration of action for itching and redness.</p>	<p>Olopatadine 0.1% was statistically superior to placebo in preventing ocular itching and redness with 3 minutes of the onset of action challenge. This difference from placebo persisted at the 8 hour duration of action challenge.</p> <p>At 3, 10 and 20 minutes post challenge, Olopatadine 0.1% showed a mean point score reduction (range 0-4) in ocular itching compared to placebo of -1.25, -1.77 and -1.24 ($P \leq 0.05$), and a -2.18, -2.62 and -1.90 point score reduction (range 0-12) in ocular redness* compared to placebo ($P \leq 0.05$), when one drop was instilled 27 minutes prior to the conjunctival allergen challenge.</p> <p>Olopatadine 0.1% when instilled 8 hours before the conjunctival allergen challenge show a mean point score reduction (range 0-4) of -1.14, -1.29 and -1.06 in ocular itching compared to placebo ($P \leq 0.05$) at 3, 10 and 20 minutes following the onset-of-action challenge. Ocular redness* scores showed a mean -1.47, -1.23 and -0.87 point score reduction (range 0-12) compared to placebo ($P \leq 0.05$) at 3, 10 and 20 minutes following the conjunctival allergen challenge.</p>
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- Ocular redness is calculated as the sum of the ciliary redness (range 0-4), conjunctival redness (range 0-4) and episcleral redness (range 0-4) scores.

In well controlled clinical studies, PATANOL[®] (olopatadine hydrochloride) ophthalmic solution produced significantly less ocular discomfort (burning and stinging) compared to Acular[®] (ketorolac tromethamine) 0.5% Sterile Ophthalmic Solution and Livostin[™] 0.05% (levocabastine hydrochloride ophthalmic suspension). PATANOL[®] solution also had significantly less effects on visual clarity relative to both Acular[®] (ketorolac tromethamine) 0.5% Sterile Ophthalmic Solution and Livostin[™] 0.05% (levocabastine hydrochloride ophthalmic suspension).

DETAILED PHARMACOLOGY

Olopatadine is an anti-allergic agent that exerts its effects through multiple distinct mechanisms of action. Olopatadine is a mast cell stabilizer and a potent, selective histamine H₁ antagonist (10) that inhibits the *in vivo* type 1 immediate hypersensitivity reaction. *In vitro* studies have demonstrated the ability of olopatadine to stabilize human conjunctival mast cells and inhibit immunologically-stimulated release of histamine. In addition, olopatadine inhibits the release of other mast cell inflammatory mediators [i.e., histamine, tryptase, prostaglandin D₂ and TNF α (4,9,11,12)] as demonstrated in *in vitro* studies. Olopatadine is a selective histamine H₁ receptor antagonist *in vitro* and *in vivo* as demonstrated by its ability to inhibit histamine binding and histamine-stimulated vascular permeability in the conjunctiva following topical ocular administration (11). Olopatadine is also an inhibitor of pro-inflammatory cytokine secretion from human conjunctival epithelial cells (13). Decreased chemotaxis and inhibition of eosinophil activation has also been reported (6,8). Olopatadine is devoid of effects on alpha-adrenergic, dopamine, muscarinic type 1 and 2, and serotonin receptors.

Human Pharmacodynamics

Olopatadine had no observed effect on heart rate, cardiac conduction (PR and QRS interval duration), cardiac repolarization (QT duration) or wave form morphology relative to placebo in 2 double-masked, placebo controlled, 2-way crossover studies of 102 subjects given 5-mg oral doses of olopatadine every 12 hours for 2.5 days and 32 subjects given 20-mg oral doses twice-

daily for 13.5 days [C-00-23 and C-02-54]. No clinically relevant or statistically significant changes in mean QTcF (determined to be the most appropriate heart correction formula for both study populations) at steady-state from baseline were observed in either study. A categorical analysis of QTc (< 30 ms, 30 ms-60 ms, or > 60 ms) showed no statistically significant differences between olopatadine and placebo in both studies. An analysis of the maximal change from baseline in QTcF showed the difference was higher for placebo than for olopatadine.

Human Pharmacokinetics

Following topical ocular administration in man, olopatadine was shown to have low systemic exposure. Two studies in normal volunteers (totalling 24 subjects) dosed bilaterally with Olopatadine 0.15% ophthalmic solution once every 12 hours for 2 weeks demonstrated plasma concentrations to be generally below the quantitation limit of the assay (<0.5 ng/mL). Samples in which olopatadine was quantifiable were typically found within 2 hours of dosing and ranged from 0.5 to 1.3 ng/mL. These plasma concentrations were greater than 300 fold below those observed with a well-tolerated 20 mg oral multiple-dose regimen. In oral studies, olopatadine was found to be well absorbed. The half-life in plasma was 7-14 hours, and elimination was predominantly through renal excretion. Approximately 60-70% of the dose was recovered in the urine as parent drug. Two metabolites, the mono-desmethyl and the N-oxide, were detected at low concentrations in the urine.

MICROBIOLOGY

Not applicable.

TOXICOLOGY

The acute toxicity of olopatadine hydrochloride has been investigated in mice, rats and dogs. Mice and rats demonstrated that olopatadine hydrochloride was not an acute toxicity hazard with oral LD50 values greater than 1150 mg/kg and 3870 mg/kg for mice and rats, respectively.

Subchronic and chronic oral toxicity studies in rats and dogs demonstrated that the liver and kidney were target organs for olopatadine hydrochloride toxicity. In rats, ophthalmology and hematology parameters were unaffected following chronic administration of olopatadine hydrochloride. In chronic dog studies, ophthalmology, hematology, blood chemistry and organ weight parameters were unaffected by olopatadine hydrochloride administration.

A one-month topical ocular study was conducted with 0.1% (4 times a day) or 0.2% Olopatadine hydrochloride (4 and 5 times a day) Ophthalmic Solution in New Zealand White (NZW) rabbits. No signs of pharmacotoxicity were observed. Slit-lamp and indirect ocular evaluations and pachymetry revealed no treatment-related findings. Clinical pathology data and histopathology were unremarkable.

Chronic topical ocular studies were conducted with olopatadine hydrochloride in rabbits and

monkeys. Administration of olopatadine hydrochloride at concentrations of 0.1, 0.5 and 1.0% QID to NZW rabbits elicited no signs of pharmacotoxicity. No treatment-related findings were observed during slit-lamp and indirect ocular evaluations and pachymetry measurements. Clinical pathology data and histopathology were unremarkable. Similar findings were observed following six months of topical ocular administration of olopatadine hydrochloride at concentrations of 0.1, 0.2 and 0.5% QID to cynomolgus monkeys.

Antigenicity: Olopatadine hydrochloride was demonstrated to have a low potential for antigenicity when tested in mice and guinea pigs or in an *in vitro* passive hemagglutination test.

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PART III: CONSUMER INFORMATION

Pr PATANOL[®]
olopatadine hydrochloride ophthalmic solution,
0.1% w/v (as olopatadine)

This leaflet is part III of a three-part "Product Monograph" and is designed specifically for Consumers. This leaflet is a summary and will not tell you everything about PATANOL[®] solution. Contact your doctor or pharmacist if you have any questions about the drug.

ABOUT THIS MEDICATION**What the medication is used for:**

PATANOL[®] solution is used for the prevention and treatment of signs and symptoms of allergic conjunctivitis.

Allergic conjunctivitis: Some materials (allergens) like pollens, house dust or animal fur may cause allergic reactions resulting in itching, redness as well as swelling of the surface of your eye.

What it does:

PATANOL[®] solution is a medicine for treatment and control of allergic conditions of the eye. It works in two different ways by reducing and controlling the intensity of the allergic reaction.

When it should not be used:

PATANOL[®] solution will not be used if you are allergic (*hypersensitive*) to olopatadine HCl or any of the other ingredients which are listed below.

Tell your doctor if you have allergies.

Do not use PATANOL[®] solution in children under the age of three years.

What the medicinal ingredient is:

olopatadine hydrochloride

What the important nonmedicinal ingredients are:

Other ingredients include: benzalkonium chloride, sodium chloride, dibasic sodium phosphate and purified water. Tiny amounts of hydrochloric acid or sodium hydroxide are sometimes added to maintain proper pH balance.

What dosage forms it comes in:

PATANOL[®] solution is a clear liquid (a solution) supplied in a plastic (DROPTAINER[®]) bottle with a screw cap containing 5 mL, 10 mL or 15mL.

WARNINGS AND PRECAUTIONS

This medicine must not be taken by mouth.

BEFORE you use PATANOL[®] solution talk to your doctor if:

You have any allergies to PATANOL[®] solution or any of its ingredients or components of the container.

If you wear contact lenses

Do not use the drops while your contact lenses are in your eyes. Wait at least ten minutes after using the eye drops before putting your lenses back into your eyes. A preservative in PATANOL[®] solution (benzalkonium chloride) can affect soft lenses.

Pregnancy or breast-feeding

If you are pregnant, or might get pregnant, talk to your doctor before you use PATANOL[®] solution. If you are breast - feeding, do not use PATANOL[®] solution; it may get into your milk.

Driving and using machines

You may find that your vision is blurred for a time just after you use PATANOL[®] solution. Do not drive or use machines until your vision is clear.

INTERACTIONS WITH THIS MEDICATION

Please tell your doctor if you are taking or have recently taken any other medicines, even products you have bought yourself without prescription.

PROPER USE OF THIS MEDICATION**Usual dose:**

The recommended dose is one to two drops in each affected eye twice daily.

Directions for Use:

1. Get the bottle of PATANOL[®] solution ready, along with a mirror, if needed.
2. Wash your hands.
3. Take the bottle and twist off the cap, being careful not to touch the dropper tip. After cap is removed: if tamper evident snap collar is loose, remove before using product.
4. Hold the bottle, pointing it down, between your thumb and middle finger.
5. Tilt your head back and look at the ceiling. Pull down your eyelid with a clean finger, until there is a 'pocket' between the eyelid and your eye. The drop will go in there.
6. Bring the bottle tip close to the eye. Use the mirror if it helps.
7. Gently press the bottom of the bottle with your forefinger to release one drop at a time. Don't touch your eye or eyelid, surrounding areas or other surfaces with the dropper. It could infect the drops left in the bottle. Don't squeeze the bottle: it is designed so that just a gentle press on the bottom is needed.
8. If you use drops in both eyes, repeat the steps for the other eye.
9. Put the bottle cap firmly back on immediately after use.

Overdose:

If you get too much in your eyes, rinse it all out with warm water. Don't put in any more drops until it's time for your next regular dose.

Missed Dose:

If you forget to use PATANOL[®] solution, use a single drop as soon as you remember, and then go back to your regular routine.

Do not use a double dose to make up for the one missed.

If you are using other eye drops, wait at least five to ten minutes between putting in PATANOL[®] solution and the other drops.

SIDE EFFECTS AND WHAT TO DO ABOUT THEM

A small number of people who use PATANOL[®] solution may get side effects. They can be unpleasant, but most of them disappear rapidly.

You can usually continue using the drops, unless the effects are serious. If you're worried, talk to a doctor or pharmacist.

The most frequent side effect is discomfort in the eye such as burning and stinging. This has been reported by less than one (1) in 100 people.

If you notice any side effects, other than discomfort, please inform your doctor or pharmacist.

HOW TO STORE IT

Store at room temperature or between 4-30°C.
Keep out of the reach of children.

REPORTING SUSPECTED SIDE EFFECTS

To monitor drug safety, Health Canada collects information on serious and unexpected effects of drugs . If you suspect you have had a serious or unexpected reaction to this drug you may notify Health Canada by:

toll-free telephone: 866-234-2345

toll-free fax: 866-678-6789

By email: cadtmp@hc-sc.gc.ca

**By regular mail:
National AR Centre
Marketed Health Products Safety and Effectiveness
Information Division
Marketed Health Products Directorate
Tunney's Pasture, AL 0701C
Ottawa ON K1A 0K9**

NOTE: Before contacting Health Canada, you should contact your physician or pharmacist.

MORE INFORMATION

This document plus the full product monograph, prepared for health professionals can be obtained by contacting the sponsor, Novartis Pharmaceuticals Canada Inc. at 1-800-363-8883.

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