PATIENT & CAREGIVER EDUCATION

Latanoprost

This information from UpToDate® Lexidrug™ explains what you need to know about this medication, including what it's used for, how to take it, its side effects, and when to call your healthcare provider.

Brand Names: US

Iyuzeh; Xalatan; Xelpros

Brand Names: Canada

AG-Latanoprost; APO-Latanoprost; JAMP Latanoprost; M-Latanoprost; MED-Latanoprost; Monoprost; MYLAN-Latanoprost; RIVA-Latanoprost; SANDOZ Latanoprost; TEVA-Latanoprost [DSC]; Xalatan

What is this drug used for?

- It is used to lower high eye pressure.
- This drug is not approved for use in children. However, the doctor may decide the benefits of taking this drug outweigh the risks. If your child has been given this drug, ask the doctor for information about the benefits and risks. Talk with the doctor if you have questions about giving this drug to your child.

What do I need to tell the doctor BEFORE my child takes this drug?

- If your child is allergic to this drug; any part of this drug; or any other drugs, foods, or substances. Tell the doctor about the allergy and what signs your child had.
- If your child has swelling in the eye.

- If your child has a herpes infection of the eye.
- If your child is using another drug like this one. If you are not sure, ask your child's doctor or pharmacist.

This is not a list of all drugs or health problems that interact with this drug.

Tell the doctor and pharmacist about all of your child's drugs (prescription or OTC, natural products, vitamins) and health problems. You must check to make sure that it is safe to give this drug with all of your child's other drugs and health problems. Do not start, stop, or change the dose of any drug your child takes without checking with the doctor.

What are some things I need to know or do while my child takes this drug?

- Tell all of your child's health care providers that your child is taking this drug. This includes your child's doctors, nurses, pharmacists, and dentists.
- Have your child use care when doing tasks that call for clear eyesight.
- Have your child's eye pressure and eyesight checked as you have been told by the doctor. Talk with the doctor.
- Tell the doctor if your child has an eye infection, eye injury, or will be having eye surgery.

If your child is pregnant or breast-feeding a baby:

- Talk with the doctor if your child is pregnant, becomes pregnant, or is breast-feeding a baby. You will need to talk about the benefits and risks to your child and the baby.

What are some side effects that I need to call my child's doctor about right away?

WARNING/CAUTION: Even though it may be rare, some people may have very bad and sometimes deadly side effects when taking a drug. Tell your child's doctor or get medical help right away if your child has any of the following signs

or symptoms that may be related to a very bad side effect:

- Signs of an allergic reaction, like rash; hives; itching; red, swollen, blistered, or peeling skin with or without fever; wheezing; tightness in the chest or throat; trouble breathing, swallowing, or talking; unusual hoarseness; or swelling of the mouth, face, lips, tongue, or throat.
- Change in eyesight, eye pain, or severe eye irritation.
- Eye discharge.
- Eye color may change to a brown color. This change may not go back to normal. Eye color changes may happen a few months to years after starting this drug. If eye color changes, call the doctor.

What are some other side effects of this drug?

All drugs may cause side effects. However, many people have no side effects or only have minor side effects. Call your child's doctor or get medical help if any of these side effects or any other side effects bother your child or do not go away:

- Eye irritation.
- Blurred eyesight.
- Burning or stinging.
- Eyelash growth.
- Feeling that something is in the eye.
- This drug may cause eyelash changes like dark eyelashes, thickness, or more eyelashes. Most of the time, these changes go back to normal after this drug is stopped.

These are not all of the side effects that may occur. If you have questions about side effects, call your child's doctor. Call your child's doctor for medical advice about side effects.

You may report side effects to your national health agency.

How is this drug best given?

Give this drug as ordered by your child's doctor. Read all information given to you. Follow all instructions closely.

- For the eye only.
- Give in the evening.
- Wash your hands before and after use.
- Have your child take out contact lenses before using this drug. Lenses may be put back in 15 minutes after this drug is given. Do not put lenses back in if your child's eyes are irritated or infected.
- Do not touch the container tip to the eye, lid, or other skin. This could lead to bacteria in the drug, which may cause severe eye problems or loss of eyesight.
- Tilt your child's head back and drop drug into the eye.
- After giving this drug, ask your child to keep eyes closed. Put light pressure on the inside corner of the eye. Do this for 1 to 2 minutes. This keeps the drug in your child's eye.
- Blot extra solution from the eyelid.
- If more than 1 drug is being used in the same eye, use each drug at least 5 minutes apart.

What do I do if my child misses a dose?

- Skip the missed dose and go back to your child's normal time.
- Do not give 2 doses at the same time or extra doses.

How do I store and/or throw out this drug?

Eye drops (solution):

- If you get this drug through mail order, it may be stored at temperatures up to 104°F (40°C) for up to 8 days during shipment. Put this drug in the refrigerator as soon as you receive it.

- Store unopened bottles in the refrigerator. Do not freeze.
- Store opened bottles in a refrigerator or at room temperature. Throw away any part not used after 6 weeks.

Eye drops (emulsion):

- If you get this drug through mail order, it may be stored at temperatures up to 104°F (40°C) for up to 8 days during shipment.
- Store at room temperature or in a refrigerator. Do not freeze.

All products:

- Store in a dry place. Do not store in a bathroom.
- Protect from light.
- Keep all drugs in a safe place. Keep all drugs out of the reach of children and pets.
- Throw away unused or expired drugs. Do not flush down a toilet or pour down a drain unless you are told to do so. Check with your pharmacist if you have questions about the best way to throw out drugs. There may be drug take-back programs in your area.

General drug facts

- If your child's symptoms or health problems do not get better or if they become worse, call your child's doctor.
- Do not share your child's drug with others and do not give anyone else's drug to your child.
- Some drugs may have another patient information leaflet. If you have any questions about this drug, please talk with your doctor, nurse, pharmacist, or other health care provider.
- If you think there has been an overdose, call your poison control center or get medical care right away. Be ready to tell or show what was taken, how much, and when it happened.

Consumer Information Use and Disclaimer

This generalized information is a limited summary of diagnosis, treatment, and/or medication information. It is not meant to be comprehensive and should be used as a tool to help the user understand and/or assess potential diagnostic and treatment options. It does NOT include all information about conditions, treatments, medications, side effects, or risks that may apply to a specific patient. It is not intended to be medical advice or a substitute for the medical advice, diagnosis, or treatment of a health care provider based on the health care provider's examination and assessment of a patient's specific and unique circumstances. Patients must speak with a health care provider for complete information about their health, medical questions, and treatment options, including any risks or benefits regarding use of medications. This information does not endorse any treatments or medications as safe, effective, or approved for treating a specific patient. UpToDate, Inc. and its affiliates disclaim any warranty or liability relating to this information or the use thereof. The use of this information is governed by the Terms of Use, available at https://www.wolterskluwer.com/en/know/clinical-effectiveness-terms.

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If you have questions or concerns, contact your healthcare provider. A member of your care team will answer Monday through Friday from 9 a.m. to 5 p.m. Outside those hours, you can leave a message or talk with another MSK provider. There is always a doctor or nurse on call. If you're not sure how to reach your healthcare provider, call 212-639-2000.

For more resources, visit www.mskcc.org/pe to search our virtual library.

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