



PATIENT & CAREGIVER EDUCATION

Atropine (Ophthalmic)

This information from Lexicomp® 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

Isopto Atropine

Brand Names: Canada

Isopto Atropine; Minims Atropine Sulfate; Odan-Atropine

What is this drug used for?

- It is used to widen the pupil before an eye exam or eye surgery.
- It is used to treat eye swelling.
- It is used to treat lazy eye (amblyopia).

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 glaucoma.

- If your child has had a bad reaction to this drug in the past.

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 for your child to take this drug with all of his/her 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?

All eye products:

- 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 avoid tasks or actions that call for clear eyesight while your child's pupils are dilated.
- Bright lights may bother your child for some time after using this drug. Have your child wear sunglasses for as long as you were told by your child's doctor.
- This drug may cause harm if swallowed. If this drug is swallowed, call a doctor or poison control center right away.
- Use with care in children. Talk with the doctor.

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.

Eye drops:

- Do not give this drug to a child younger than 3 months of age.

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.
- Signs of high blood pressure like very bad headache or dizziness, passing out, or change in eyesight.
- A fast heartbeat.
- A heartbeat that does not feel normal.
- Flushing.
- Restlessness.

- Feeling irritable.
- Dry mouth.
- Dry skin.
- Change in eyesight, eye pain, or very bad eye irritation.

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:

- Blurred eyesight.
- Stinging.
- Eye irritation.
- Feeling sleepy.

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.

All eye products:

- For the eye only.

- Wash hands before and after use.
- Do not touch the container tip to your child's eye, lid, or other skin.

Eye drops:

- 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.
- Have your child take out contact lenses before using this drug. Talk with the doctor to see when lenses may be put back in after this drug is given. Do not put lenses back in if your child's eyes are irritated or infected.

Eye ointment:

- Gently pull down the lower lid and squeeze in how much the doctor told you to use.
- Let go of the lower eyelid and have your child keep eyes closed for 1 to 2 minutes.

What do I do if my child misses a dose?

- Give a missed dose as soon as you think about it.
- If it is close to the time for your child's next 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?

- Store at room temperature.
- Protect from heat.
- 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 child's 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 information should not be used to decide whether or not to take this medicine or any other medicine. Only the healthcare provider has the knowledge and training to decide which medicines are right for a specific patient. This information does not endorse any medicine as safe, effective, or approved for treating any patient or health condition. This is only a brief summary of general information about this medicine. It does NOT include all information about the possible uses, directions, warnings, precautions, interactions, adverse effects, or risks that may apply to this medicine. This information is not specific medical advice and does not replace information you receive from the healthcare provider. You must talk with the healthcare provider for complete information about the risks and benefits of using this medicine.

Last Reviewed Date

2017-02-10

Copyright

© 2019 Wolters Kluwer Clinical Drug Information, Inc. and its affiliates and/or licensors. All rights reserved.

If you have any questions, contact a member of your healthcare team directly. If you're a patient at MSK and you need to reach a provider after 5:00 PM, during the weekend, or on a holiday, call 212-639-2000.

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

Atropine (Ophthalmic) - Last updated on November 18, 2019
©2019 Memorial Sloan Kettering Cancer Center