Memorial Sloan Kettering Cancer Center

PATIENT & CAREGIVER EDUCATION

Minoxidil (Topical

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

Gainextra Hair Regrowth [OTC] [DSC]; Gainextra Mens [DSC]; Hair Regrowth Treatment Men [OTC]; Minoxidil for Men [OTC]; Minoxidil for Women [OTC]; Rogaine Mens Extra Strength [OTC]; Rogaine Mens [OTC]; Rogaine Womens [OTC]

Brand Names: Canada

Apo-Gain; Hair Regrowth Formula; Minox; Rogaine

What is this drug used for?

- It is used to help regrow hair in some people.

What do I need to tell my doctor BEFORE I take this drug?

- If you are allergic to this drug; any part of this drug; or any other drugs, foods, or substances. Tell your doctor about the allergy and what signs you had.
- If you do not have a family member who has had hair loss.
- If your hair loss is sudden or patchy, or if you do not know why you have hair loss.
- If you are able to get pregnant, plan on getting pregnant, or are breast-feeding. Not all products are approved for use in these patients. If you are not sure about your product, talk with your doctor.

- If the patient is a child. Do not give this drug to a child.
- If your hair loss was caused by childbirth. Do not use this drug for hair loss caused by childbirth.

This drug may interact with other drugs or health problems.

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

What are some things I need to know or do while I take this drug?

- Tell all of your health care providers that you take this drug. This includes your doctors, nurses, pharmacists, and dentists.
- Do not put on red, swollen, infected, irritated, or painful skin.
- Do not use other scalp drugs or hair care products while using this drug.
- It may take several months to see full effect.
- This drug may not work for all people who use it. Talk with the doctor.
- Call your doctor if you have unwanted facial hair growth.
- This drug may catch on fire. Do not use near an open flame or while smoking.
- This drug may cause harm if swallowed. If this drug is swallowed, call a doctor or poison control center right away.

What are some side effects that I need to call my 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 doctor or get medical help right away if you have 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.
- Chest pain or pressure or a fast heartbeat.
- Dizziness or passing out.
- A big weight gain.
- Swelling in the arms or legs.
- Scalp 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 doctor or get medical help if any of these side effects or any other side effects bother you or do not go away:

- Change in color of hair.
- Change in hair texture.

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

You may report side effects to your national health agency.

You may report side effects to the FDA at 1-800-332-1088. You may also report side effects at https://www.fda.gov/medwatch.

How is this drug best taken?

Use this drug as ordered by your doctor. Read all information given to you. Follow all instructions closely.

All products:

- Do not take this drug by mouth. Use on your scalp only. Keep out of your mouth, nose, and eyes (may burn).
- If this drug gets in the eyes, rinse with cool water.
- Wash your hands before and after use.

Foam:

- Turn the can upside down to use. Put foam onto a cold surface like a dish. If putting into your hands, rinse your fingers in cold water and dry them before use.

What do I do if I miss a dose?

- Skip the missed dose and go back to your normal time.
- Do not put on 2 doses at the same time or extra doses.

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

All products:

- Store at room temperature.
- 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.

Foam:

- Protect from heat and sunlight. Do not puncture or burn even if it seems empty.

General drug facts

- If your symptoms or health problems do not get better or if they become worse, call your doctor.
- Do not share your drugs with others and do not take anyone else's drugs.
- 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.
- Some drugs may have another patient information leaflet. Check with your pharmacist. 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.

Last Reviewed Date

2026-01-26

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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.

Minoxidil (Topical - Last updated on December 12, 2022
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