



PATIENT & CAREGIVER EDUCATION

Pegzilarginase

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

Loargys

Warning

- Severe allergic reactions have happened with this drug. Some of these have been life-threatening. This has happened early in treatment and after being on treatment for a long time. This drug will be started in a health care setting where you will be watched closely. Other drugs may be given to prevent an allergic reaction. Tell your doctor right away if you have a rash, flushing, shortness of breath, swelling of the face, or any other bad effects.

What is this drug used for?

- It is used to treat hyperargininemia in people with arginase 1 deficiency (ARG1-D).

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.

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.
- Have your blood work and other lab tests checked as you have been told by your doctor.
- This drug may affect certain lab tests that measure

arginine levels in the blood. Tell all of your health care providers and lab workers that you take this drug.

- Follow the diet plan that your doctor told you about.
- Tell your doctor if you are pregnant, plan on getting pregnant, or are breast-feeding. You will need to talk about the benefits and risks to you and the baby.

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.

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:

- Pain, redness, or other reaction where this drug was given.
- Throwing up.
- Mild fever.
- Constipation.
- Dizziness.
- Nose or throat irritation.

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.

How is this drug best taken?

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

Injection (I.V.):

- It is given as an infusion into a vein over a period of time.

Injection (subcutaneous):

- It is given as a shot into the fatty part of the skin on the top of the thigh, belly area, or upper arm.

- If you will be giving yourself the shot, your doctor or nurse will teach you how to give the shot.
- Wash your hands before use.
- If stored in a refrigerator, let this drug come to room temperature before using it. Do not heat this drug.
- Move the site where you give the shot with each shot.
- Do not give into skin that is red, swollen, scarred, or irritated.
- Do not give into skin right around the belly button.
- This drug is colorless to slightly yellow or slightly pink. This drug may also be clear to slightly pearly. Do not use if the solution changes color or is cloudy, leaking, or has particles.
- If your dose has more than 1 injection, give the injections into 2 different places at least 1 inch apart.
- Each vial is for one use only. Throw away any part not used after the dose is given.
- Throw away needles in a needle/sharp disposal box. Do not reuse needles or other items. When the box is full, follow all local rules for getting rid of it. Talk with a doctor or pharmacist if you have any questions.

What do I do if I miss a dose?

- Call your doctor to find out what to do.

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

Injection (I.V.):

- If you need to store this drug at home, talk with your doctor, nurse, or pharmacist about how to store it.

Injection (subcutaneous):

- Store in a refrigerator. Do not freeze.
- Store in the outer carton to protect from light.
- If needed, this drug can be left out at room temperature for up to 2 hours before use. Throw away any part not used after 2 hours.

For all uses of this drug:

- 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 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>.

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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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