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PATIENT & CAREGIVER EDUCATION

# Lomustine

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

Gleostine

## Brand Names: Canada

CeeNU

## Warning

- This drug may lower the ability of your bone marrow to make blood cells that your body needs. This can lead to needing a blood transfusion and very bad and sometimes deadly bleeding problems or infections. Tell your doctor right away if you have signs of infection like fever, chills, or sore throat; any bruising or bleeding; or if you feel very tired or weak.
- Most of the time, this drug is to be taken as 1 dose every 6 weeks. Taking more often than you are told may raise your chance of very bad and sometimes deadly side effects. Do not take a dose of this drug more than 1 time within a 6 week period without talking with your doctor.
- Have your blood work checked often for at least 6 weeks after a dose. Talk with your doctor.

## What is this drug used for?

- It is used to treat a type of brain tumor.
- It is used to treat a type of lymphoma.

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

- If you have an allergy to lomustine or any other part of 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 are breast-feeding. Do not breast-feed while you take this drug and for 2 weeks after your last dose.

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 lung function checked as you have been told by your doctor. Talk with your doctor.
- You may have more chance of getting an infection. Wash hands often. Stay away from people with infections, colds, or flu.
- You may bleed more easily. Be careful and avoid injury. Use a soft toothbrush and an electric razor.
- Long-term use may raise the chance of getting other cancers. If you have questions, talk with the doctor.
- If you have upset stomach, throwing up, diarrhea, or are not hungry, talk with your doctor. There may be ways to lower these side effects.

- Talk with your doctor before getting any vaccines. Use of some vaccines with this drug may either raise the chance of an infection or make the vaccine not work as well.
- Use with care in children. Talk with the doctor.
- This drug may affect fertility. Fertility problems may lead to not being able to get pregnant or father a child.
- If you are a man and have sex with a female who could get pregnant, protect her from pregnancy during treatment and for at least 4 months after your last dose.
- If you are a man and your sex partner gets pregnant while you take this drug or within 4 months after your last dose, call your doctor right away.
- This drug may cause harm to the unborn baby if you take it while you are pregnant.
- Use birth control that you can trust to prevent pregnancy while taking this drug and for at least 2 weeks after stopping the drug.
- If you get pregnant while taking this drug or within 2 weeks after your last dose, call your doctor 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.
- Signs of infection like fever, chills, very bad sore throat, ear or sinus pain, cough, more sputum or change in color of sputum, pain with passing urine, mouth sores, or wound that will not heal.

- Signs of bleeding like throwing up or coughing up blood; vomit that looks like coffee grounds; blood in the urine; black, red, or tarry stools; bleeding from the gums; abnormal vaginal bleeding; bruises without a cause or that get bigger; or bleeding you cannot stop.
- Signs of liver problems like dark urine, feeling tired, not hungry, upset stomach or stomach pain, light-colored stools, throwing up, or yellow skin or eyes.
- Signs of kidney problems like unable to pass urine, change in how much urine is passed, blood in the urine, or a big weight gain.
- Signs of lung or breathing problems like shortness of breath or other trouble breathing, cough, or fever.
- Chest pain.
- Feeling confused.
- Feeling very tired or weak.
- Change in balance.
- Trouble speaking.
- Mouth irritation or mouth sores.
- Change in eyesight.
- Loss of eyesight.

## **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:

- Upset stomach or throwing up.
- Hair loss.

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.

- The dose you get may be made up of 2 or more different strengths and colors of capsules.
- Taking this drug on an empty stomach may help prevent upset stomach or throwing up. Talk with the doctor.
- You will need to take special care when handling this drug. Check with the doctor or pharmacist to see how to handle this drug.
- Wear gloves when touching this drug.
- If you touch a broken capsule, or the drug inside the capsule, wash the area with soap and water.

## 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?

- Store at room temperature.
- Protect from heat.
- Store in a dry place. Do not store in a bathroom.
- 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 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.

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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](http://www.mskcc.org/pe) to search our virtual library.

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