Memorial Sloan Kettering Cancer Center

PATIENT & CAREGIVER EDUCATION

Brexucabtagene Autoleucel

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

Tecartus

Brand Names: Canada

Tecartus

Warning

- A severe health problem called cytokine release syndrome (CRS) has happened with this drug. Sometimes, this has been life-threatening or deadly. Get medical help right away if you have signs like chills; confusion; dizziness; fast or abnormal heartbeat; chest pain; change in how much urine is passed; feeling tired or weak; fever; headache; passing out; rash; swelling; trouble breathing; severe muscle or joint pain; severe upset stomach, throwing up, or diarrhea; or wheezing.
- Do not take this drug if you have an infection or any inflammation.
- Nervous system problems have happened after treatment with this drug. Sometimes, these have been severe and life-threatening or deadly. Call your doctor right away if you feel agitated, confused, nervous, sluggish, or restless. Call your doctor right away if you have anxiety, change in balance, change in eyesight, dizziness or passing out, hallucinations (seeing or hearing things that are not there), headaches, seizures, shakiness, trouble speaking, trouble reading or writing, or new or worse behavior or mood changes.
- You will be watched for signs of these effects for at least 4 weeks after getting this drug.

What is this drug used for?

- It is used to treat types of leukemia and lymphoma.
- This drug may be used with other drugs to treat your health condition. If you are also taking other drugs, talk with your doctor about the risks and side effects that may happen.

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 are pregnant or may be pregnant. Do not take this drug if you are pregnant.

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.
- Avoid driving and doing other tasks or actions that call for you to be alert for at least 8 weeks after getting this drug. If you have any questions, call your doctor or pharmacist.
- Have blood work checked as you have been told by the doctor. Talk with the doctor.
- Low blood cell counts have happened with this drug. This may last for at least 2 months after taking this drug. If blood cell counts get very low, this can lead to bleeding problems, infections, or anemia. Some severe infections have led to death. If you have questions, talk with the doctor.
- Wash hands often. Stay away from people with infections, colds, or flu.
- Call your doctor right away if you have any signs of infection like fever, chills, flu-like signs, very bad sore throat, ear or sinus pain, cough, more

sputum or change in color of sputum, pain with passing urine, mouth sores, or a wound that will not heal.

- A severe brain problem called progressive multifocal leukoencephalopathy (PML) has happened with this drug. It may cause disability or can be deadly. Tell your doctor right away if you have signs like confusion, memory problems, depression, change in the way you act, change in strength on 1 side is greater than the other, trouble speaking or thinking, change in balance, or change in eyesight.
- You may bleed more easily. Be careful and avoid injury. Use a soft toothbrush and an electric razor.
- If you have had hepatitis B before or carry the virus, talk with your doctor. Drugs like this one can cause the virus to become active. This can lead to very bad and sometimes deadly liver problems.
- Hepatitis and HIV testing will be done before taking this drug.
- Talk with your doctor before getting any vaccines. Some types of vaccines must not be given for at least 6 weeks before starting this drug, during treatment, and for some time after your last dose.
- New types of cancer have happened in people taking this drug. If you have questions, talk with the doctor.
- Do not donate blood, organs, tissues, or cells. Talk with your doctor to see when you can do these things after getting this drug.
- Call your doctor right away if you have signs of a blood clot like chest pain or pressure; coughing up blood; shortness of breath; swelling, warmth, numbness, change of color, or pain in a leg or arm; or trouble speaking or swallowing.
- This drug may cause harm to an unborn baby. A pregnancy test will be done before you start this drug to show that you are NOT pregnant.
- If you may become pregnant, you must use birth control while taking this drug and for some time after the last dose. Ask your doctor how long to use birth control. If you get pregnant, call your doctor right away.
- Tell your doctor if you are breast-feeding. You will need to talk about any

risks to your 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.
- 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 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 high or low blood pressure like very bad headache or dizziness, passing out, or change in eyesight.
- Signs of fluid and electrolyte problems like mood changes, confusion, muscle pain or weakness, fast or abnormal heartbeat, severe dizziness or passing out, increased thirst, seizures, feeling very tired or weak, decreased appetite, unable to pass urine or change in the amount of urine produced, dry mouth, dry eyes, or severe upset stomach or throwing up.
- Fast, slow, or abnormal heartbeat.
- Trouble sleeping.
- Feeling very sleepy.
- Not able to focus.
- Memory problems or loss.

- Swelling.
- Trouble moving around.
- A burning, numbness, or tingling feeling that is not normal.
- An immune system problem called hemophagocytic lymphohistiocytosis/macrophage activation syndrome (HLH/MAS) has happened with this drug. Sometimes, this has been life-threatening and even deadly. Call your doctor right away if you feel confused or not alert or have fever, swollen gland, rash, seizures, change in balance, or trouble walking that is new or worse.

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:

- Headache.
- Constipation, diarrhea, stomach pain, upset stomach, throwing up, or decreased appetite.
- Mouth or throat pain or irritation.
- Feeling dizzy, tired, or weak.
- Pain in arms or legs.
- Back, muscle, or joint pain.
- Muscle spasm.
- Muscle weakness.

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.

- It is given as an infusion into a vein over a period of time.
- Other drugs may be given before this drug to help avoid side effects.

What do I do if I miss a dose?

- This drug will be given in a health care setting.

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

- This drug will be given in a hospital or doctor’s office. You will not store it at home.

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.
- 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.
- 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.
- This drug comes with an extra patient fact sheet called a Medication Guide. Read it with care. Read it again each time this drug is refilled. If you have any questions about this drug, please talk with the doctor,

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

2024-01-24

Copyright

© 2024 UpToDate, Inc. and its affiliates and/or licensors. All rights reserved.

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

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

Brexucabtagene Autoleucel - Last updated on December 12, 2022
All rights owned and reserved by Memorial Sloan Kettering Cancer Center