



## PATIENT & CAREGIVER EDUCATION

# Vemurafenib

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**

Zelboraf

### **Brand Names: Canada**

Zelboraf

### **What is this drug used for?**

- It is used to treat a type of skin cancer (melanoma).
- It is used to treat a type of blood cell cancer called Erdheim-Chester disease (ECD).
- It may be given to you for other reasons. Talk with the doctor.

### **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 have any of these health problems: Low calcium levels, low magnesium levels, or low potassium levels.
- If you have a long QT on ECG.
- If you are taking any drugs that can cause a certain type of heartbeat that is not normal (prolonged QT interval). There are many drugs that can do this. Ask your doctor or pharmacist if you are not sure.
- If you take any other drugs (prescription or OTC, natural products, vitamins). There are many drugs that interact with this drug, like certain drugs that are used for HIV, infections, or seizures.
- If you are breast-feeding. Do not breast-feed while you take this drug and for 2 weeks after your last dose.

This is not a list of all drugs or health problems that interact with this drug.

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 blood work checked as you have been told by the doctor. Talk with the doctor.
- This drug may add to the chance of getting some types of cancer. Talk with the doctor.
- You will need to have a skin exam before you start this drug and every 2 months while you take it. You will also need to do monthly skin checks as told by your doctor.
- You may get sunburned more easily. Avoid sun, sunlamps, and tanning beds. Use sunscreen and wear clothing and eyewear that protects you from the sun.
- Bright lights may bother you. Wear sunglasses.
- This drug may cause a type of abnormal heartbeat (prolonged QT interval). If this happens, the chance of other unsafe and sometimes deadly abnormal heartbeats may be raised.
- You will need an ECG before starting this drug and during treatment. Talk with your doctor.
- If you have had or will be having radiation treatment, talk with your doctor. Worse side effects from radiation treatment have happened with this drug. Sometimes this has been deadly.
- A severe and sometimes deadly reaction has happened. Most

of the time, this reaction has signs like fever, rash, or swollen glands with problems in body organs like the liver, kidney, blood, heart, muscles and joints, or lungs. If you have questions, talk with the doctor.

- Bending of the fingers inward has happened with this drug. Sometimes, this could be very bad or disabling. Call your doctor right away if this happens to you.
- If you are 65 or older, use this drug with care. You could have more side effects.
- This drug may cause harm to the unborn baby if you take it while you are pregnant.
- Women 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.

### **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 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.
- Dizziness or passing out.
- Fast or abnormal heartbeat.
- Swelling in the arms or legs.
- A skin lump or growth.
- Redness, irritation, pain, or thick skin on the palms of the hands or soles of the feet.
- Change in eyesight, eye pain, or very bad eye irritation.
- A burning, numbness, or tingling feeling that is not normal.
- Swollen gland.
- Have your skin checked. Tell your doctor if you have any skin changes like a new wart, skin sore or reddish bump that bleeds or does not heal, or a change in the color or size of a mole.
- A severe skin reaction (Stevens-Johnson syndrome/toxic epidermal necrolysis) may happen. It can cause severe health

problems that may not go away, and sometimes death. Get medical help right away if you have signs like red, swollen, blistered, or peeling skin (with or without fever); red or irritated eyes; or sores in your mouth, throat, nose, or eyes.

### **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:

- Hair loss.
- Back, muscle, or joint pain.
- Itching.
- Headache.
- Upset stomach or throwing up.
- Diarrhea or constipation.
- Change in taste.
- Feeling tired or weak.
- Not hungry.
- Cough.
- Dry skin.

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.

- Take with or without food.
- Swallow whole. Do not chew or crush.
- Take with a full glass of water.
- If you throw up after taking a dose, do not repeat the dose. Take your next dose at your normal time.
- Keep taking this drug as you have been told by your doctor or other health care provider, even if you feel well.

### **What do I do if I miss a dose?**

- Take a missed dose as soon as you think about it.
- If the next dose is less than 4 hours away, skip the missed dose and go back to your normal time.
- Do not take 2 doses at the same time or extra doses.

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

- Store in the original container at room temperature.
- Keep lid tightly closed.
- 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.
- 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 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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