Memorial Sloan Kettering Cancer Center

PATIENT & CAREGIVER EDUCATION

Baricitinib

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

Olumiant

Brand Names: Canada

Olumiant

Warning

- Severe infections like tuberculosis, shingles, fungal infections, and other bacterial or viral infections have happened in patients who take this drug. Sometimes, these have been deadly. The risk is greater if you also take drugs that suppress the immune system like methotrexate or corticosteroids. If you get a bad infection, your doctor may stop this drug until the infection is under control.
- TB (tuberculosis) has been seen in patients started on this drug. These patients were exposed to TB in the past, but never had signs of the infection. You may be tested to see if you have been exposed to TB before starting this drug. Do not take this drug if you have TB.
- Lymphoma, skin cancer, and other types of cancer have happened in people treated with this drug.
- Heart attack, stroke, and death may happen in patients treated with this drug. A study of a drug like this one in people with rheumatoid arthritis showed a higher risk of these effects than with certain other drugs. These people were at least 50 years of age with at least 1 heart disease risk factor.
- Blood clots have happened with this drug. Sometimes blood clots were severe or deadly. Studies of this drug and of another drug like it in people with rheumatoid arthritis showed a higher risk of blood clots than with certain other drugs. Talk with the doctor.
- Tell your doctor if you smoke, have smoked in the past, or have ever had a heart attack, other heart problems, stroke, or blood clot.

What is this drug used for?

- It is used to treat rheumatoid arthritis.
- It is used in certain people to treat COVID-19.
- It is used to treat a type of hair loss called alopecia areata.

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 an infection or a low white blood cell count.
- If you have any of these health problems: Anemia, kidney disease, or liver disease.
- If you are taking any of these drugs: Abatacept, adalimumab, anakinra, azathioprine, certolizumab, cyclosporine, etanercept, golimumab, infliximab, probenecid, rituximab, ruxolitinib, sarilumab, tofacitinib, or tocilizumab.
- If you are taking any drugs that suppress your immune system. There are many drugs that can do this. Ask your doctor or pharmacist if you are not sure.
- If you are breast-feeding. Do not breast-feed for at least 4 days after using this drug.

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 your blood work and other lab tests checked as you have been told by your doctor.

- If you have high blood sugar (diabetes), you will need to watch your blood sugar closely.
- High cholesterol and triglyceride levels have happened with this drug. If you have high cholesterol or triglycerides, talk with your doctor.
- Some viral infections like herpes zoster (shingles) have become active again with this drug. Tell your doctor if you have ever had a viral infection like herpes zoster. Talk with your doctor.
- Hepatitis B or C testing may be done. A hepatitis B or C infection may get worse while taking this drug.
- You may need to have your skin checked while you take this drug. Talk with your doctor.
- Make sure you are up to date with all your vaccines before treatment with this drug.
- 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.
- You may have more chance of getting an infection. Wash hands often. Stay away from people with infections, colds, or flu.
- This drug may cause harm to the unborn baby if you take it while you are pregnant. If you are pregnant or you get pregnant while taking this drug, call your doctor right away.
- You may need to use birth control to prevent pregnancy while taking this drug. Talk with your doctor.

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, or sweating; cough; muscle aches; shortness of breath; more sputum or change in color of sputum; red, warm, swollen, painful, or blistered skin; weight loss; stomach pain; diarrhea; pain with passing urine; or passing urine more often.
- Signs of shingles like pain, itching, or tingling; fever; muscle aches; or rash (with or without blisters).
- Signs of low blood sugar like dizziness, headache, feeling sleepy, feeling weak, shaking, a fast heartbeat, confusion, hunger, or sweating.
- Change in color or size of a mole.
- A skin lump or growth.
- Feeling very tired or weak.
- Dizziness or passing out.
- Vaginal yeast infection. Report itching, bad odor, or discharge.
- Call your doctor right away if you have a swollen gland, night sweats, shortness of breath, or weight loss without trying.
- Tears in the stomach or bowel wall have happened in some people taking this drug. Call your doctor right away if you have swelling or pain in your stomach that is severe, gets worse, or does not go away. Call your doctor right away if you vomit blood or have a fever, vomit that looks like coffee grounds; upset stomach or vomiting that does not go away; black, tarry, or bloody stools; or a change in bowel habits.
- Blood clots may happen with this drug. These may include heart attack, stroke, and clots in the legs or lungs. Call your doctor right away if you have chest, arm, back, neck, or jaw pain or pressure. Call your doctor if you cough up blood or have dizziness; cold sweats; numbness or weakness on 1 side of your body; drooping on 1 side of the face; trouble speaking or thinking; change in balance; change in eyesight; shortness of breath; or swelling, warmth, or pain in the leg or arm.

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:

For all uses of this drug:

- Signs of a common cold.
- Upset stomach.
- Cold sores.

For alopecia areata:

- Headache.
- Pimples (acne).
- Feeling tired or weak.
- Stomach pain.
- Weight gain.
- Raised bumps where the hair comes out of the 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.

- Keep taking this drug as you have been told by your doctor or other health care provider, even if you feel well.
- If you cannot swallow this drug whole, you may place the dose in about 10 mL of room temperature water. Swirl gently and drink right away. Rinse cup with about 10 mL of room temperature water and drink again.
- Those who have feeding tubes may use this drug. Use as you have been told. Flush the feeding tube after this drug is given.

What do I do if I miss a dose?

- Take a missed dose as soon as you think about it.
- If it is close to the time for your next dose, 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 at room temperature 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.

Additional Information

When used for COVID-19, fact sheets for patients, parents, and caregivers are available to give information to properly inform the adult receiving the drug or, in the case of a minor, the child's parent or legal representative about the risks and benefits of the drug. The provider is required to give a copy of the fact sheet.

https://www.fda.gov/media/143824/download?attachment

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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