

Luspatercept-aamt (Reblozyl)

About This Medicine

LUSPATERCEPT (lus PAT er sept) treats low levels of red blood cells (anemia) in the body in people with beta thalassemia or myelodysplastic syndromes. It works by helping the body make more red blood cells. It is given as an injection under your skin (subcutaneously).

This medicine may be used for other purposes; ask your care team if you have questions.

Possible Side Effects

- Nausea
- Pain in your abdomen
- Diarrhea (loose bowel movements)
- Tiredness
- Swelling in your legs, ankles, and/or feet
- Allergic reactions, including anaphylaxis, are rare but may happen in some people. Signs of allergic reaction to this medicine may be swelling of the face, feeling like your tongue or throat are swelling, trouble breathing, rash, itching, fever, chills, feeling dizzy, and/or feeling that your heart is beating in a fast or not normal way. **If this happens, do not take another dose of this medicine. You should get urgent medical treatment.**
- Feeling dizzy or a feeling that your environment is spinning
- Bone, muscle and/or joint pain
- Headache
- Cough
- Trouble breathing
- COVID-19 infection
- High blood pressure

Note: Each of the side effects above was reported in greater than 10% of people treated with luspatercept-aamt. All possible side effects are not included. Your side effects may be different depending on your cancer diagnosis, condition, or if you are receiving other medicines in combination. Please discuss any concerns or questions with your care team.

Warnings and Precautions

- Blood clots and events such as stroke and heart attack. A blood clot in your leg may cause your leg to swell, appear red and warm, and/or cause pain. A blood clot in your lungs may cause trouble breathing, pain when breathing, and/or chest pain.
- Severe high blood pressure
- Extramedullary hematopoietic (EMH) masses can happen in patients with beta thalassemia. A mass near your spinal cord could cause severe back pain, numbness, weakness, and/or loss of voluntary movements of your hands, arms, legs, or feet, and/or loss of bowel or bladder control.

Note: Some of the side effects above are very rare. If you have concerns and/or questions, please discuss them with your care team.

Treating Side Effects

- Drink enough fluids to keep your urine pale yellow.
- If you throw up or have diarrhea, you should drink more fluids so that you do not become dehydrated (lack of water in the body from losing too much fluid). Eat low-fiber foods that are high in protein and calories and avoid foods that can irritate your digestive tracts or lead to cramping.
- Ask your care team about medicine that can lessen or stop your diarrhea.
- To help with nausea, eat small, frequent meals instead of three large meals a day. Choose foods and drinks that are at room temperature. Ask your care team about other helpful tips and medicine that is available to help stop or lessen these symptoms.
- Manage tiredness by pacing your activities for the day. Be sure to include periods of rest between energy-draining activities.
- If you are dizzy, get up slowly after sitting or lying.
- Get regular exercise, with your care team's approval. If you feel too tired to exercise vigorously, try taking a short walk.
- Keeping your pain under control is important to your well-being. Please tell your care team if you are experiencing pain.

Food and Medicine Interactions

- There are no known interactions of luspatercept-aamt with food.
- This medicine may interact with other medicines. Tell your care team about all the prescription and over-the-counter medicines and dietary supplements (vitamins, minerals, herbs, and others) that you are taking at this time. Also, check with your care team before starting any new prescription or over-the-counter medicines, or dietary supplements to make sure that there are no interactions.

When to Call Your Care Team

Call your care team if you have any of these symptoms and/or any new or unusual symptoms:

- Fever of 100.4° F (38° C) or higher
- Chills



- New loss of taste or smell
- Headache that does not go away
- Blurry vision or other changes in eyesight
- Tiredness and/or weakness that interferes with your daily activities
- Feeling dizzy or lightheaded
- Cough that is bothersome
- Wheezing and/or trouble breathing
- Your leg is swollen, red, warm and/or painful
- Chest pain or symptoms of a heart attack. Most heart attacks involve pain in the center of the chest that lasts more than a few minutes. The pain may go away and come back, or it can be constant. It can feel like pressure, squeezing, fullness, or pain. Sometimes pain is felt in one or both arms, the back, neck, jaw, or stomach. **If any of these symptoms last 2 minutes, call 911.**
- Symptoms of a stroke such as sudden numbness or weakness of your face, arm, or leg, mostly on one side of your body; sudden confusion, trouble speaking or understanding; sudden trouble seeing in one or both eyes; sudden trouble walking, feeling dizzy, loss of balance or coordination; or sudden, bad headache with no known cause. **If you have any of these symptoms for 2 minutes, call 911.**
- Nausea that stops you from eating or drinking and/or is not relieved by prescribed medicines
- Throwing up more than 3 times a day
- Pain in your abdomen that does not go away
- Diarrhea, 4 times in one day or diarrhea with lack of strength or a feeling of being dizzy
- Weight gain of 5 pounds in one week (fluid retention)
- Swelling in your legs, ankles, and/or feet
- Loss of control of bowel or bladder
- Severe back pain
- Numbness, weakness and/or loss of voluntary movements of your hands, arms, legs, or feet
- Pain that does not go away, or is not relieved by prescribed medicines
- Signs of allergic reaction: swelling of the face, feeling like your tongue or throat are swelling, trouble breathing, rash, itching, fever, chills, feeling dizzy, and/or feeling that your heart is beating in a fast or not normal way. **If this happens, call 911 for emergency care.**

Reproduction Warnings

- **Pregnancy warning:** This medicine can cause serious birth defects. If you can become pregnant, use birth control while taking this medicine and for at least 3 months after the last dose. Tell your care team right away if you think you might be pregnant.
- **Breastfeeding warning:** Do not breastfeed while taking this medicine and for 3 months after the last dose.
- **Fertility warning:** This medicine may affect your ability to have children in the future. If you plan to have children, talk with your care team.

Revised August 2025

