Bendamustine

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**
Belrapzo; Bendeka; Treanda

**Brand Names: Canada**
NAT-Bendamustine; Treanda

**What is this drug used for?**
- It is used to treat types of leukemia and lymphoma.
- 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: Kidney disease or liver disease.
- If your sex partner may get pregnant. 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 your partner gets pregnant, call the doctor right away.
- If you are pregnant or may be pregnant. 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.

- If you are breast-feeding. Do not breast-feed while you take this drug and for 1
week 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.
- Avoid driving and doing other tasks or actions that call for you to be alert until
you see how this drug affects you.
- If you smoke, talk with your doctor.
- You may have more of a chance of getting an infection. Wash hands often. Stay
away from people with infections, colds, or flu. Some infections have been very
bad and even deadly.
- You may bleed more easily. Be careful and avoid injury. Use a soft toothbrush
and an electric razor. Rarely, some bleeding problems have been deadly.
- Some patients have very bad side effects during the infusion. Tell your doctor if
you have any bad effects during the infusion.
- Bone marrow problems like myelodysplastic syndrome (MDS) have happened
in people who were treated with this drug. Some cancers like leukemia have
also happened. It is not known if this drug caused this effect. If you have
questions, talk with the doctor.
• 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.

• Very bad and sometimes deadly liver problems have happened with this drug. Call your doctor right away if you have 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.

• Heart problems like heart failure have happened in people taking this drug. Sometimes, this has been deadly. Call your doctor right away if you have chest pain or pressure, a heartbeat that does not feel normal, shortness of breath, a big weight gain, or swelling in the arms or legs.

• 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.

• 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.

• A severe and sometimes deadly brain problem (progressive multifocal leukoencephalopathy or PML) has happened. Most of the time, this happened when this drug was used with rituximab or obinutuzumab. Tell your doctor right away if you have signs like confusion, memory problems, depression, change in behavior, weakness on 1 side of the body, trouble speaking or thinking, change in balance, or change in eyesight.

• This drug may affect being able to father a child. In some people, this may go back to normal but may take some time. Talk with the 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, 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 fluid and electrolyte problems like mood changes, confusion, muscle pain or weakness, a heartbeat that does not feel normal, very bad dizziness or passing out, fast heartbeat, more thirst, seizures, feeling very tired or weak, not hungry, unable to pass urine or change in the amount of urine produced, dry mouth, dry eyes, or very bad upset stomach or throwing up.

- Patients with cancer who take this drug may be at a greater risk of getting a severe health problem called tumor lysis syndrome (TLS). This may lead to death. Call your doctor right away if you have a fast or abnormal heartbeat; any passing out; trouble passing urine; muscle weakness or cramps; upset stomach, throwing up, diarrhea, or not able to eat; or feel sluggish.

- This drug may cause tissue damage if the drug leaks from the vein. Tell your nurse if you have any redness, burning, pain, swelling, blisters, skin sores, or leaking of fluid where the drug is going into your body.
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:

- Feeling dizzy, sleepy, tired, or weak.
- Constipation, diarrhea, stomach pain, upset stomach, throwing up, or feeling less hungry.
- Heartburn.
- Back pain.
- Bone or joint pain.
- Headache.
- Trouble sleeping.
- Weight loss.
- Mouth irritation or mouth sores.
- Nose or throat irritation.
- Change in taste.
- Anxiety.
- Night sweats.
- Sweating a lot.

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 to help with infusion side effects.
- Have blood work checked as you have been told by the doctor. 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.

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?

- If you need to store this drug at home, talk with your doctor, nurse, or pharmacist about how to store it.

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.

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- 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.

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