PATIENT & CAREGIVER EDUCATION

Gliclazide

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: Canada

AG-Gliclazide MR; APO-Gliclazide; APO-Gliclazide MR; Diamicron MR; JAMP-Gliclazide MR; JAMP-Gliclazide-MR; MINT-Gliclazide MR; MYLAN-Gliclazide MR; SANDOZ Gliclazide MR [DSC]; TARO-Gliclazide MR; TEVA-Gliclazide

What is this drug used for?

- It is used to help control blood sugar in people with type 2 diabetes.

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 a sulfa allergy.
- If you have any of these health problems: Acidic blood problem, kidney disease, or liver disease.
- If you have type 1 diabetes. Do not use this drug to treat type 1 diabetes.
- If you are under stress like when you have an infection, injury, or surgery.
- If you have been told that your body has problems with certain sugars (lactose, glucose, galactose). Some products have lactose.
- If you are taking oral miconazole.
- If you are taking any of these drugs: Danazol or phenylbutazone.

- If you are pregnant or may be pregnant. Do not take this drug if you are pregnant.
- If you are breast-feeding. Do not breast-feed while you take this drug.
- If the patient is a child. Do not give this drug to a child.

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.
- Follow the diet and exercise plan that your doctor told you about.
- Be careful if you have low levels of an enzyme called G6PD. Anemia may happen. Low levels of G6PD may be more likely in patients of African, South Asian, Middle Eastern, and Mediterranean descent.
- If you have porphyria, talk with your doctor.
- Check your blood sugar as you have been told by your doctor.
- Have blood work checked as you have been told by the doctor. Talk with the doctor.
- Avoid driving and doing other tasks or actions that call for you to be alert until you see how this drug affects you.
- Do not drive if your blood sugar has been low. There is a greater chance of you having a crash.
- Have your eye pressure and eyesight checked as you have been told by the doctor.

- Avoid alcohol and drugs with alcohol in them.
- It may be harder to control blood sugar during times of stress such as fever, infection, injury, or surgery. A change in physical activity, exercise, diet, or weight may also affect blood sugar.
- Low blood sugar may happen with this drug. Very low blood sugar can lead to seizures, passing out, long lasting brain damage, and sometimes death. Talk with the doctor.
- Liver problems have happened with this drug. Sometimes, these have been life-threatening. Call your doctor right away if you have signs of liver problems like dark urine, tiredness, decreased appetite, upset stomach or stomach pain, light-colored stools, throwing up, or yellow skin or eyes.
- Rarely, low blood cell counts have happened with this drug. Call your doctor right away if you have any unexplained bruising or bleeding; signs of infection like fever, chills, or sore throat; or feel very tired or weak.
- If you are 65 or older, use this drug with care. You could have more side effects.

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 low sodium levels like headache, trouble focusing, memory problems, feeling confused, weakness, seizures, or change in balance.
- 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.

- Chest pain or pressure, a fast heartbeat, or an abnormal heartbeat.
- Shortness of breath, a big weight gain, or swelling in the arms or legs.
- Severe dizziness or passing out.
- Depression.
- Low blood sugar can happen. The chance may be raised when this drug is used with other drugs for diabetes. Signs may be dizziness, headache, feeling sleepy or weak, shaking, fast heartbeat, confusion, hunger, or sweating. Call your doctor right away if you have any of these signs. Follow what you have been told to do for low blood sugar. This may include taking glucose tablets, liquid glucose, or some fruit juices.
- Severe skin reactions may happen with this drug. These include Stevens-Johnson syndrome (SJS), toxic epidermal necrolysis (TEN), and bullous pemphigoid. Sometimes, body organs may also be affected. Get medical help right away if you have signs like red, swollen, blistered, or peeling skin; skin breakdown; red or irritated eyes; sores in your mouth, throat, nose, eyes, genitals, or any areas of skin; fever; chills; headache; cough; body aches or joint pain; shortness of breath; or swollen glands.

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:

- Stomach pain or heartburn.
- Constipation, diarrhea, throwing up, or upset stomach.
- Back pain.
- Feeling full.

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.

Regular-release tablets:

- Take with meals.

Modified-release tablets:

- Take with breakfast.
- Swallow whole. Do not chew or crush.
- Some products may be broken in half. If you are not sure if you can break this product in half, talk with the doctor.

All products:

- Be sure you know what to do if you do not eat as much as normal or if you skip a meal.
- Take this drug at the same time of day.

What do I do if I miss a dose?

Regular-release tablets:

- 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.

Modified-release tablets:

- 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.
- Some drugs may have another patient information leaflet. Check with your pharmacist. If you have any questions about this drug, please talk with your doctor, nurse, 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.

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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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