

DIAMICRON[®] MR modified release tablet

Gliclazide 30mg

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What DIAMICRON MR 30mg is used for

DIAMICRON MR 30 mg is used in a certain form of diabetes (type 2 diabetes mellitus) in adults, when diet, exercise and weight loss alone are not sufficient to obtain normal blood glucose levels (level of sugar in the blood).

How DIAMICRON MR 30mg works

DIAMICRON MR 30 mg is a medicine that reduces blood sugar levels (oral antidiabetic medicine belonging to the sulfonylurea group).

Before you use DIAMICRON MR 30 mg

- When you must not use it

Do not take DIAMICRON MR 30 mg:

- if you are allergic (hypersensitive) to gliclazide or any of the other ingredients of DIAMICRON MR 30 mg, or to other medicines of the same group (sulfonylurea), or to other related medicines (hypoglycaemic sulfonamides);

- if you have insulin-dependent diabetes (type 1);
 - if you have ketone bodies and sugar in your urine (this may mean you have diabetic keto-acidosis), a diabetic pre-coma or coma;
 - if you have severe kidney or liver disease;
 - if you are taking medicines to treat fungal infections (miconazole, see Section "Taking other medicines");
 - if you are breastfeeding (see Section "Pregnancy and breastfeeding").
- Before you start to use it

Take special care with DIAMICRON MR 30 mg

Talk to your doctor before taking Diamicon MR 30 mg.

You should observe the treatment plan prescribed by your doctor to achieve proper blood sugar levels. This means, apart from regular tablet intake, to observe the dietary regimen, have physical exercise and, where necessary, reduce weight.

During gliclazide treatment regular monitoring of your blood (and possibly urine) sugar level and also your glycated haemoglobin (HbA1c) is necessary.

In the first few weeks of treatment the risk of having reduced blood sugar levels (hypoglycaemia) may be increased. So particularly close medical monitoring is necessary.

Low blood sugar (Hypoglycaemia) may occur:

- if you take meals irregularly or skip meals altogether,
- if you are fasting,
- if you are malnourished,
- if you change your diet,
- if you increase your physical activity and carbohydrate

intake does not match this increase,

- if you drink alcohol, especially in combination with skipped meals,
- if you take other medicines or natural remedies at the same time,
- if you take too high doses of gliclazide,
- if you suffer from particular hormone-induced disorders (functional disorders of the thyroid gland, of the pituitary gland or adrenal cortex),
- if your kidney function or liver function is severely decreased.

If you have low blood sugar you may have the following symptoms: headache, intense hunger, nausea, vomiting, weariness, sleep disorders, restlessness, aggressiveness, poor concentration, reduced alertness and reaction time, depression, confusion, speech or visual disorders, tremor, sensory disturbances, dizziness, and helplessness.

The following signs and symptoms may also occur:

sweating, clammy skin, anxiety, fast or irregular heart beat, high blood pressure, sudden strong pain in the chest that may radiate into nearby areas (angina pectoris).

If blood sugar levels continue to drop you may suffer from considerable confusion (delirium), develop convulsions, lose self control, your breathing may be shallow and your heart beat slowed down, you may become unconscious.

In most cases the symptoms of low blood sugar vanish very quickly when you consume some form of sugar, for instance glucose tablets, sugar cubes, sweet juice, sweetened tea.

You should therefore always carry some form of sugar with you (glucose tablets, sugar cubes). Remember that artificial sweeteners are not effective. Please contact your doctor or the nearest hospital if taking sugar does not help or if the symptoms recur.

Symptoms of low blood sugar may be absent, less obvious or develop very slowly or you are not aware in time that your blood sugar level has dropped. This may happen if you are an elderly patient taking certain medicines (for instance those acting on the central nervous system and beta blockers).

If you are in stress-situations (e.g. accidents, surgical operations, fever etc.) your doctor may temporarily switch you to insulin therapy.

Symptoms of high blood sugar (hyperglycaemia) may occur when gliclazide has not yet sufficiently reduced the blood sugar, when you have not complied with the treatment plan prescribed by your doctor if you take St John's Wort (*Hypericum perforatum*) preparations (see section "Other medicines and Diamicron 30 mg"), or in special stress situations). These may include thirst, frequent urination, dry mouth, dry itchy skin, skin infections and reduced performance.

If these symptoms occur, you must contact your doctor or pharmacist.

Blood glucose disturbance (low blood sugar and high blood sugar) can occur when gliclazide is prescribed at the same time than medicines belonging to a class of antibiotics called fluoroquinolones, especially in elderly patients. In this case, your doctor will remind you the importance of monitoring your blood glucose.

If you have a family history of or know you have the hereditary

condition glucose-6-phosphate dehydrogenase (G6PD) deficiency (abnormality of red blood cells), lowering of the haemoglobin level and breakdown of red blood cells (haemolytic anaemia) can occur. Contact your doctor before taking this medicinal product.

Children and adolescents

DIAMICRON MR 30 mg is not recommended for use in children due to a lack of data.

- Taking other medicines

Tell your doctor or pharmacist if you are taking, have recently taken or might take any other medicines. The blood sugar lowering effect of gliclazide may be strengthened and signs of low blood sugar levels may occur when one of the following medicines is taken:

- other medicines used to treat high blood sugar (oral antidiabetics or insulin),
- antibiotics (sulphonamides, clarithromycin),
- medicines to treat high blood pressure or heart failure (beta blockers, ACE-inhibitors such as captopril, or enalapril),
- medicines to treat fungal infections (miconazole, fluconazole),
- medicines to treat ulcers in the stomach or duodenum (H₂ receptor antagonists),
- medicines to treat depression (monoamine oxidase inhibitors),
- painkiller or antirheumatics (phenylbutazone, ibuprofen),
- medicines containing alcohol.

The blood glucose lowering effect of gliclazide may be weakened and raised blood sugar levels may occur when one of the following medicines is taken:

- medicines to treat disorders of the central nervous system (chlorpromazine),
- medicines reducing inflammation corticosteroids),
- medicines to treat asthma or used during labour

(intravenous salbutamol, ritodrine and terbutaline),

- medicines to treat breast disorders, heavy menstrual bleeding and endometriosis (danazol).
- St John's Wort -*Hypericum perforatum*-preparations.

Blood glucose disturbance (low blood sugar and high blood sugar) can occur when a medicine belonging to a class of antibiotics called fluoroquinolones is taken at the same time than DIAMICRON MR 30mg, especially in elderly patients.

DIAMICRON MR 30 mg may increase the effects of medicines which reduce blood clotting (e.g. warfarin).

Consult your doctor before you start taking another medicinal product. If you go into hospital tell the medical staff you are taking DIAMICRON MR 30 mg.

How to use DIAMICRON MR 30 mg

- How much to use

Always take DIAMICRON MR 30 mg exactly as your doctor has told you. Check with your doctor or pharmacist if you are not sure.

The dose is determined by the doctor, depending on your blood and possibly urine sugar levels.

Change in external factors (e.g. weight reduction, change in life style, stress) or improvements in the blood sugar control may require changed gliclazide doses.

The recommended daily dose is one to four tablets (maximum 120 mg) in a single intake at breakfast time. This depends on the response to treatment.

If a combination therapy of DIAMICRON MR 30 mg with metformin, an alpha glucosidase inhibitor or insulin is initiated your doctor will determine the proper

dose of each medicine individually for you.

If you notice that your blood sugar levels are high although you are taking the medicine as prescribed, you should contact your doctor or pharmacist.

- When to use it

Diamicron MR 30 mg is for oral use. Take your tablet(s) with a glass of water at breakfast time (and preferably at the same time each day). Swallow your tablets whole. Do not chew them.

You must always eat a meal after taking your tablet(s).

- How long to use it

As the treatment for diabetes is usually life long, you should discuss with your doctor before stopping this medicinal product. Stopping could cause high blood sugar (hyperglycaemia).

- If you forget to use it

It is important to take your medicine every day as regular treatment works better.

However, if you forget to take a dose of DIAMICRON MR 30 mg, take the next dose at the usual time. Do not take a double dose to make up for a forgotten dose.

- If you use too much (overdose):

If you take too many tablets, contact your doctor or the nearest hospital Accident & Emergency department immediately. The signs of overdose are those of low blood sugar (hypoglycaemia) described in Section 2. The symptoms can be helped by taking sugar (4 to 6 lumps) or sugary drinks straight away, followed by a substantial snack or meal. If the patient is unconscious immediately inform a doctor and call the emergency services. The same should be done if somebody, for instance a child, has taken the product unintentionally.

Unconscious patients must not be given food or drink.

It should be ensured that there is always a pre-informed person that can call a doctor in case of emergency.

If you have any further questions on the use of this product, ask your doctor or pharmacist.

While you are using DIAMICRON MR 30 mg

Taking DIAMICRON 30 mg with food, drink and alcohol

DIAMICRON 30 mg can be taken with food and non-alcoholic drinks.

Drinking alcohol is not recommended as it can alter the control of your diabetes in an unpredictable manner.

- Things you must do

Pregnancy and breastfeeding

DIAMICRON MR 30 mg is not recommended for use during pregnancy. If you are pregnant, think you may be pregnant or are planning to have a baby, ask your doctor for advice before taking this medicine.

You must not take DIAMICRON MR 30 mg while you are breastfeeding.

- Things you must not do

Do not stop taking the medicine unless advised by your doctor.

Do not take any new medicines without consulting your doctor.

Do not give DIAMICRON MR 30 mg to anyone else, even if they have the same symptoms or condition as you.

- Things to be careful of

Driving and using machines

Your ability to concentrate or react may be impaired if your blood sugar is too low (hypoglycaemia), or too high (hyperglycaemia) or if you

develop visual problems as a result of such conditions. Bear in mind that you could endanger yourself or others (for instance when driving a car or using machines). Please ask your doctor whether you can drive a car if you:

- have frequent episodes of low blood sugar (hypoglycaemia),
- have few or no warning signals of low blood sugar (hypoglycaemia).

Side Effects

Like all medicines this medicine can cause side effects, although not everybody gets them.

The most commonly observed side effect is low blood sugar (hypoglycaemia). For symptoms and signs see Section "Take special care with DIAMICRON MR 30 mg".

If left untreated these symptoms could progress to drowsiness, loss of consciousness or possibly coma. If an episode of low blood sugar is severe or prolonged, even if it is temporarily controlled by eating sugar, you should seek immediate medical attention.

Liver disorders

There have been isolated reports of abnormal liver function, which can cause yellow skin and eyes. If you get this, see your doctor immediately. The symptoms generally disappear if the medicine is stopped. Your doctor will decide whether to stop your treatment.

Skin disorders

Skin reactions such as rash, redness, itching and hives have been reported. Severe skin reactions may also appear.

Exceptionally, signs of severe hypersensitivity reactions (DRESS) have been reported: initially as flu-like symptoms and a rash on the face then an extended rash with a high temperature.

Blood disorders:

Decrease in the number of cells in the blood (for instance platelets, red and white blood cells) which may cause paleness, prolonged bleeding, bruising, sore throat and fever have been reported. These symptoms usually vanish when the treatment is discontinued.

Digestive disorders

Abdominal pain, nausea, vomiting, indigestion, diarrhoea, and constipation. These effects are reduced when DIAMICRON MR 30 mg is taken with a meal as recommended.

Eye disorders

Your vision may be affected for a short time especially at the start of treatment. This effect is due to changes in blood sugar levels.

As for other sulfonylureas, the following adverse events have been observed: cases of severe changes in the number of blood cells and allergic inflammation of the wall of blood vessels, reduction in blood sodium (hyponatraemia), symptoms of liver impairment (for instance jaundice) which in most cases disappeared after withdrawal of the sulfonylureas, but may lead to life-threatening liver failure in isolated cases.

You may report any side effects or adverse drug reactions directly to the National Centre for Adverse Drug Reaction Monitoring by calling Tel: 03-78835550, or visiting the website portal.bpfk.gov.my (Consumer → Reporting).

Storage and Disposal of DIAMICRON MR 30 mg

- **Storage**

Keep out of the sight and reach of children.

Do not use this medicine after the expiry date which is stated on the

carton and the blister strip after EXP. The expiry date refers to the last day of that month.


This medicinal product does not require any special storage conditions.

- **Disposal**

Medicines should not be disposed of via wastewater or household waste. Ask your pharmacist how to dispose of medicines no longer required. These measures will help to protect the environment.

Product Description

- **What it looks like**

DIAMICRON MR 30 mg is a white oblong modified release tablet, engraved on both faces, 'DIA 30' on one face and  on the other. The tablets are available in blister packed in cartons, 30 tablets.

- **Ingredients**

- Active ingredient(s)
The active substance is gliclazide. One modified release tablet contains 30 mg of gliclazide,
- Inactive ingredients
calcium hydrogen phosphate dihydrate, magnesium stearate, maltodextrin, hypromellose, silica colloidal anhydrous.

- **MAL numbers**

MAL20021130AZ
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MAL08010764ACSZ
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