

PROFESSIONAL INFORMATION

SCHEDULING STATUS

S3

1 NAME OF THE MEDICINE

GLUCOTRIN XR 500, 750 and 1 000 mg.

2 QUALITATIVE AND QUANTITATIVE COMPOSITION

500 mg: One extended release tablet contains 500 mg metformin hydrochloride corresponding to 390 mg metformin base.
750 mg: One extended release tablet contains 750 mg metformin hydrochloride corresponding to 585 mg metformin base.
1000 mg: One extended release tablet contains 1000 mg metformin hydrochloride corresponding to 780 mg metformin base.

These tablets are sugar free.
For the full list of excipients, see section 6.1.

3 PHARMACEUTICAL FORM

Extended Release Tablet

500 mg: White to off-white, capsule-shaped, 16,50 mm x 8,20 mm uncoated tablet, debossed with "XR 500" on one side and plain on other side.

750 mg: White to off-white, capsule-shaped, 19,60 mm x 9,30 mm uncoated tablet, debossed with "XR 750" on one side and plain on other side.

1000 mg: White to off-white, capsule-shaped, 21,10 mm x 10,10 mm uncoated tablet, debossed with "XR 1 000" on one side and plain on other side.

4 CLINICAL PARTICULARS

Treatment indications

Management of type 2 diabetes mellitus in adults, particularly in overweight patients, when exercise and dietary management alone does not result in adequate glycaemic control.
GLUCOTRIN XR may be used as monotherapy as initial therapy or in combination with other oral antidiabetic agents, or with insulin.

Posology and method of administration

Posology

GLUCOTRIN XR 500 mg

Monotherapy and combination with other oral antidiabetic agents:
• In patients already treated with immediate release metformin tablets, the starting dose of GLUCOTRIN XR should be equivalent to the daily dose of metformin immediate release tablets.
• In patients treated with metformin at a dose above 2000 mg daily, transferring to the extended release tablets is not recommended.

• After 10 to 15 days the dose should be adjusted on the basis of blood glucose measurements. Gastro-intestinal tolerability may improve with a slow increase of dose. The maximum recommended dose is 4 tablets of Metformin Hydrochloride 500 mg daily.
• If necessary increases should be made in increments of 500 mg every 10-15 days, up to a maximum of 2000 mg once daily with the evening meal. If glycaemic control is not accomplished on 4 x GLUCOTRIN XR 500 mg once daily, 2 x GLUCOTRIN XR 500 mg twice daily should be considered. Both doses should be given with food. If glycaemic control is still not accomplished, patients may be converted to standard metformin tablets to a maximum dose of 3000 mg daily.

GLUCOTRIN XR 750 mg

The usual starting dose is one tablet daily given with the evening meal.
After 10 to 15 days the dose should be modified based on blood glucose measurements. Gastro-intestinal tolerability may improve with a slow increase of dose.
The recommended dosage is 2 tablets once daily, with the evening meal.
If glycaemic control is not achieved with GLUCOTRIN XR 750 mg 2 tablets once daily then GLUCOTRIN XR 750 mg may increase to a maximum dose of 3 tablets once daily with the evening meal.
If glycaemic control is not achieved with GLUCOTRIN XR 750 mg 3 tablets once daily, then one tablet of GLUCOTRIN XR 750 mg in the morning and two tablets of GLUCOTRIN XR 750 mg in the evening should be considered. Both doses should be given with food.

If glycaemic control is still not achieved, patients may be switched to standard metformin tablets to a maximum dose of 3000 mg daily.

GLUCOTRIN XR 1000 mg

GLUCOTRIN XR 1000 mg is aimed as maintenance therapy for patients already treated with either 1000 mg (2 tablets of GLUCOTRIN XR 500) or 2000 mg (4 tablets of GLUCOTRIN XR 500) of extended release metformin hydrochloride. If glycaemic control is not achieved, patients may be switched to standard metformin hydrochloride tablets to a maximum daily dose of 3000 mg daily.

Switching patients already treated with metformin tablets

In patients already treated with immediate release metformin tablets, the starting dose of GLUCOTRIN XR should be equivalent to the daily dose of metformin immediate release tablets.
In patients treated with metformin at a dose above 2000 mg daily, transferring to the extended release tablets is not recommended.

Switching patients from other oral antidiabetic agents

If switching from another oral antidiabetic medicine is intended: discontinue the other medicine and start GLUCOTRIN XR at the dose indicated above.

Combination with insulin:

Metformin prolonged release tablets and insulin may be used in combination therapy to achieve better blood glucose control. The usual starting dose of GLUCOTRIN XR is one 500 mg tablet once daily, with the evening meal, while insulin dosage is altered on the basis of blood glucose measurements. After titration, switch to GLUCOTRIN XR 1000 mg may be considered.

Special populations

Elderly patients: due to the potential for decreased renal function in elderly subjects, the metformin dosage should be adjusted based on renal function. Regular assessment of renal function is necessary (see section 4.4).

Paediatric population

Children: In the absence of sufficient available data, GLUCOTRIN XR range should not be used in children.

Method of administration

GLUCOTRIN XR should be administered with food and swallowed whole with a glass of water. GLUCOTRIN XR should be given with the evening meal when administered once daily. The tablets should not be chewed, split or crushed.

Contraindications

- Hypersensitivity to metformin or to any of the excipients listed in section 6.1.
- Renal dysfunction or failure (creatinine clearance < 60 ml/min, GFR, 30 ml/min).
- Diabetic pre-coma.
- Hepatic insufficiency, alcoholism, acute alcohol intoxication
- Acute conditions with the potential to alter renal function such as: intravascular administration of iodinated contrast media, dehydration, shock and severe infection
- Acute or chronic disease which may cause tissue hypoxia such as: shock, pancreatitis, cardiac or respiratory failure, recent myocardial infarction.
- Any acute metabolic acidosis (diabetic ketoacidosis, lactic acidosis)
- The use of GLUCOTRIN XR during pregnancy is not advised.

Special warnings and precautions for use

Lactic acidosis:
Lactic acidosis is a serious metabolic complication that has a high mortality in the absence of prompt treatment, that can occur due to metformin accumulation. Lactic acidosis is a medical emergency that must be treated in hospital. When patients present with a metabolic acidosis and do not have evidence of ketoacidosis (ketonuria and ketonaemia), lactic acidosis should be suspected and GLUCOTRIN XR therapy should be stopped immediately.
Reported cases of lactic acidosis in patients on metformin have occurred primarily in diabetic patients with significant renal failure. As GLUCOTRIN XR is excreted by the kidney, regular monitoring of renal function is advised in all diabetic patients with type 2 diabetes mellitus.
The incidence of lactic acidosis can and should be reduced by assessing all other associated risk factors such as poorly controlled diabetes, prolonged fasting, excessive alcohol intake, ketosis, hepatic insufficiency and any condition associated with hypoxia.

Diagnosis:
The risk of lactic acidosis must be considered in the event of non-specific signs such as muscle cramps (due to lactic acidosis as abdominal pain) and severe asthenia.
This can be followed by acidotic dyspnea, abdominal pain, hypothermia and coma.
Diagnostic laboratory findings are decreased blood pH, plasma lactate levels above 5 mmol/L, and an increased anion gap and lactate/pyruvate ratio. If metabolic acidosis is suspected, metformin should be discontinued and the patient should be hospitalised immediately (see section 4.9).

Renal function:

As metformin is excreted by the kidney, creatinine clearance (this can be estimated from serum creatinine levels using the Cockcroft-Gault formula) should be determined before initiating treatment and regularly thereafter:
• at least two to four times annually in elderly subjects and in patients with creatinine clearance levels at the limit of normal.
• at least annually in patients with normal renal function.

Decreased renal function in elderly subjects is frequent and asymptomatic. Special care should be employed in situations where renal function may become impaired, for example when initiating diuretic therapy or antihypertensive therapy and when starting therapy with a nonsteroidal anti-inflammatory drug (NSAID).
If renal function should be stopped 2-3 days before clinical investigations and surgery such as intravenous urography and intravenous angiography. Treatment can be reinstated only after control of renal function has been regained.
The use of GLUCOTRIN XR is not advised in conditions which may cause dehydration, or in patients on low calcium diets suffering from serious infections or trauma.

For Patients on long-term treatment with GLUCOTRIN XR they should have an annual estimation of vitamin B12 levels, as GLUCOTRIN XR may cause mal-absorption of vitamin B12. This could result in megaloblastic anaemia.

Elderly:
Due to the limited efficacy data in the reduction of risk or delay of type 2 diabetes in patients 75 years and older, GLUCOTRIN XR introduction is not recommended in these patients.

Cardiac function

Patients with heart failure are more at risk of renal insufficiency and hypoxia.
For patients with heart failure, GLUCOTRIN XR is contraindicated. (See section 4.3).

Administration of iodinated contrast media:

The intravascular administration of iodinated contrast media in radiological studies can lead to renal failure. This may lead to metformin accumulation and risk of lactic acidosis. GLUCOTRIN XR must be discontinued prior to, or at the time of the test and not started until 48 hours after, and renal function has been re-evaluated and found to be normal (see section 4.5).

Surgery:

GLUCOTRIN XR should be discontinued 48 hours before elective surgery with general spinal or peridural analgesia. Therapy may be restarted no earlier than 48 hours following surgery or resumption of oral nutrition provided renal function has been established.
During concomitant treatment with a sulphonylurea, blood glucose should be monitored because combination therapy may cause hypoglycaemia.

Stabilisation of diabetic patients with GLUCOTRIN XR and insulin should be carried out in hospital because of the possibility of hypoglycaemia until the ratio of the two medicines has been reached.

Other precautions:

All patients should continue their diet with a regular distribution of carbohydrate intake during the day. Overweight patients should continue their energy-restricted diet.
The usual laboratory tests for diabetes monitoring should be performed regularly.
Metformin alone never causes hypoglycaemia, although caution is advised when it is used in combination with insulin or other oral antidiabetics (e.g. sulphonylureas or meglitinides).

The tablet shells may be present in the faeces. Patients should be advised that this is normal.

Interaction with other medicines and other forms of interaction

Concomitant use not recommended

Alcohol
Acute alcohol intoxication is associated with an increased risk of lactic acidosis in acute alcohol intoxication, particularly in case of:
• fasting or malnutrition
• hepatic insufficiency.
Avoid consumption of alcohol-containing medications and alcohol.

Iodinated contrast media

Intravascular administration of iodinated contrast media may lead to renal failure, resulting in metformin accumulation and a risk of lactic acidosis.
GLUCOTRIN XR must be discontinued prior to, or at the time of the test and not restarted until 48 hours afterwards, and after renal function has been re-evaluated and found to be normal (see section 4.4).

Medications requiring precautions for use

Combination with intrinsic hyperglycaemic activity (e.g. gluco-corticoids (systemic and local routes), sympathomimetics (Beta-2-agonists) and diuretics). More frequent blood glucose monitoring may be required, especially at the beginning of treatment. If necessary, adjust the metformin dosage during therapy with the other medicines and upon its discontinuation.
Some medicines can negatively affect renal function which may increase the risk of lactic acidosis, e.g. including selective cyclo-oxygenase (COX) II inhibitors, NSAIDs, ACE inhibitors, diuretics (especially loop diuretics) and angiotensin II receptor antagonists. Close monitoring of renal function is necessary when initiating or using such products in combination with GLUCOTRIN XR.

Cimetidine

Reduced renal clearance of GLUCOTRIN XR has been reported during cimetidine therapy, a dose dependent effect should be considered.

Sulphonylurea

Concomitant therapy of GLUCOTRIN XR with sulphonylurea may cause hypoglycaemia.

ACE-inhibitors

In order to ease the blood glucose levels. The dosage of the antidiabetic medicine should be adjusted during therapy with the other medicine and upon its discontinuation, if necessary.

Anticoagulants

GLUCOTRIN XR has been reported to decrease the activity of warfarin, and dose adjustments and increased frequency of INR determinations should be considered.

Organic cation transporters (OCT)

Metformin is a substrate of both transporters OCT1 and OCT2.
Combination therapy of GLUCOTRIN XR with:
• Inhibitors of OCT1 (such as verapamil) may reduce efficacy of metformin.
• Inhibitors of OCT1 (such as rifampicin) may increase gastrointestinal absorption and efficacy of metformin.
• Inhibitors of OCT2 (such as dolutegravir, trimethoprim, ranolazine, cimetidine, vandetanib, isavuconazole) may reduce the renal elimination of GLUCOTRIN XR and lead to an increase in metformin plasma concentration.

• Inhibitors of both OCT1 and OCT2 (such as crizotinib, olaparib) may effect the efficacy and renal elimination of metformin.

Vigilance is therefore advised, specifically in patients with renal impairment, when these medicines are administered with GLUCOTRIN XR, as metformin plasma concentration may increase. If required, dose adjustment of metformin may be considered as OCT inhibitors/inducers may alter the efficacy of metformin.

Vitamins

Long-term treatment with GLUCOTRIN XR may cause vitamin B12 mal-absorption in the gastro-intestinal tract, thus a dose reduction of GLUCOTRIN XR should be considered.

Fertility, pregnancy and lactation

Pregnancy
The use of GLUCOTRIN XR during pregnancy is not advised (See section 4.3).
Uncontrolled diabetes during pregnancy (permanent or gestational) is associated with increased risk of perinatal mortality and congenital abnormalities.
If treatment around the time of conception in pregnant women does not indicate an increased risk of congenital abnormalities. Animal studies do not indicate harmful effects with respect to pregnancy, fetal or embryonic development, postnatal or parturition development (see section 5.3).
When the patient plans to become pregnant and during pregnancy, it is recommended that diabetes is not treated with metformin but insulin be used to maintain blood glucose levels as close to normal as possible to reduce the risk of malformations of the foetus.

Breastfeeding

Metformin is excreted into human breast milk. No adverse effects were observed in breastfed newborns/ infants. However, only limited data are available, breastfeeding is not recommended during GLUCOTRIN XR treatment.

Fertility

In female or male rats was unaffected by metformin when given at doses as high as 600 mg/kg/day, which is approximately three times the maximum recommended human daily dose based on body surface area comparisons.

Effects on ability to drive and use machines

GLUCOTRIN XR monotherapy does not cause hypoglycaemia and therefore has no effect on the ability to drive or to use machines.
However, patients should be alerted to the risk of hypoglycaemia and metformin is used in combination with other antidiabetic agents (e.g. sulphonylureas, insulin, or meglitinides).

Undesirable effects

a. Summary of the safety profile
In post-marketing data and in controlled clinical studies, adverse event reporting in patients treated with Metformin Hydrochloride immediate release is similar to that reported in patients treated with Metformin Hydrochloride immediate release. During treatment initiation, the most common adverse reactions are nausea, vomiting, diarrhoea, abdominal pain and loss of appetite, which resolve spontaneously in most cases.

b. Tabulated summary of adverse reactions

MedDRA system organ class	Frequency	Adverse reactions
Metabolism and nutrition disorders	Less Frequent	Decrease of vitamin B12 absorption with decrease of serum levels during long-term use of metformin. Concern of such aetiology with respect to iron deficiency in patients with megaloblastic anaemia. Lactic acidosis
Nervous system disorders	Frequent	Taste disturbance
Gastrointestinal disorders	Frequent	Gastrointestinal disorders such as nausea, vomiting, diarrhoea, abdominal pain and loss of appetite.
Hepato-biliary disorders	Less Frequent	Liver function tests abnormalities or hepatitis resolving upon metformin discontinuation.
Skin and subcutaneous disorders	Less Frequent	Skin reactions such as erythema, urticaria, pruritus

Reporting of suspected adverse reactions

Reporting suspected adverse reactions after authorisation of the medicine is important. It allows continuous monitoring of the benefit/risk balance of the medicine. Health care providers are asked to report any suspected adverse reactions to SAHPRA via the **6.04 Adverse Drug Reactions Reporting Form**, found online under SAHPRA's publications: <https://www.sahpra.org.za/Publications/Index/8>

Overdose

Concomitant use of GLUCOTRIN XR range with a sulphonylurea, insulin or alcohol can cause hypoglycaemia. Lactic acidosis may develop in excessive dosage, and particularly if there is a possibility of accumulation. Intense supportive and symptomatic therapy is recommended. Therapy should be particularly directed at correcting blood glucose levels and correcting fluid loss.
Treatment of overdose:
There is no specific antidote for overdose with GLUCOTRIN XR range. Treatment is symptomatic and supportive. It should be directed at correcting fluid loss and metabolic disturbances. Haemodialysis is the most effective way to remove metformin and lactate.

5 PHARMACOLOGICAL PROPERTIES

Pharmacodynamic properties

A21.2 Oral hypoglycaemics
Metformin is a biguanide with antihyperglycaemic effects, lowering both postprandial glucose and basal (fasting) glucose, stimulating insulin secretion and therefore does not produce hypoglycaemia. Metformin may act via 3 mechanisms:
(1) reduction of hepatic glucose production by inhibiting glycogenolysis and gluconeogenesis
(2) delay of intestinal glucose absorption
(3) and in muscle, by increasing insulin sensitivity, improving peripheral glucose uptake and utilization.

Metformin increases the transport capacity of all types of membrane glucose transporters (GLUT). Metformin stimulates intracellular glycogen synthesis by acting on glycogen synthase.

Pharmacokinetic properties

Absorption
Peak plasma levels (C_{max}) are achieved with a median value of 7 hours, following a single oral dose of 500 mg. The mean plasma concentration of 1193 ng/ml is achieved after a median value of 5 hours (range of 4 to 12 hours), following a single oral dose of 1500 mg of GLUCOTRIN XR 750 mg. A mean peak plasma concentration of 1214 ng/ml is achieved after a median time of 5 hours (range of 4 to 10 hours), following a single oral administration in the fed state of one tablet of GLUCOTRIN XR 1000 mg. Both C_{max} and AUC of metformin at steady-state, do not increase proportionally to the administered dose.

The peak is neither modified nor delayed by fasting conditions, although the AUC is decreased by 30 % when the metformin prolonged release tablet is given under fasting conditions.
Relative to intake in the fed state the AUC is increased by 77 %, C_{max} is increased by 26 % and t_{1/2} is slightly increased to 11 hours with the 1000 mg metformin prolonged release tablet is administered in the fasting conditions. Although, it is presumed, as there is no information on the exposure after the 500 mg and 750 mg prolonged release tablets, that similar increased exposure occurs when given in the fed-state.

Distribution

Plasma protein binding is insignificant. Metformin partitions into erythrocytes. The plasma peak is higher than the blood peak and appears at approximately the same time. The red blood cells most likely correspond to a secondary compartment of distribution. The mean V_d ranged between 63-276 L.

Biotransformation

Metformin is excreted unaffected in the urine. No metabolites have been recognised in humans.

Elimination

Renal clearance of metformin is > 400 ml/min, signifying that metformin is eliminated by tubular secretion and glomerular filtration. After renal clearance, the apparent terminal elimination half-life is approximately 6.5 hours.
Metformin's functions is impaired, oral dose is reduced in proportion to that of creatinine. Therefore, there is an increased level of metformin in plasma as the elimination half-life is prolonged.

Preclinical safety data

Toxicity data reveal no special exposure for humans based on conventional studies on safety pharmacology, repeated dose toxicity, genotoxicity, carcinogenic potential, toxicity reproduction.

6 PHARMACEUTICAL PARTICULARS

List of excipients

Magnesium stearate, silica colloidal anhydrous, polyvinyl pyrrolidone - K30, hypromellose.

Incompatibilities

None

Shelf life

36 months

Special precautions for storage

This medicine does not require any special storage conditions.

Nature and contents of container

Tablets are supplied in transparent PVC/Aluminium blister packs containing 28 or 56 tablets. Not all pack sizes may be marketed.

Special precautions for disposal and other handling

No special requirements for disposal. Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

7 HOLDER OF CERTIFICATE OF REGISTRATION

Trinity Pharma (Pty) Ltd.

106 16th Weg
Midrand
1686

8 REGISTRATION NUMBER(S)

GLUCOTRIN XR 500: 49/21/2/0254

GLUCOTRIN XR 750: 49/21/2/0255

GLUCOTRIN XR 1000: 49/21/2/0256

9 DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION

15 September 2021

10 DATE OF REVISION OF THE

N.A.

PROFESSIONELE INLIGTING

SKEDULERINGSSTATUS

S3

1 NAAM VAN DIE MEDISYNE

GLUCOTRIN XR 500, 750 and 1 000 mg.

2 KWALITATIEWE EN KWANTITATIEWE SAMESTELLING

500 mg: Een verlengde vrystellende tablet bevat 500 mg metformienhidrochloried, gelykstaande aan 390 mg metformienbasis.
750 mg: Een verlengde vrystellende tablet bevat 750 mg metformienhidrochloried, gelykstaande aan 585 mg metformienbasis.
1 000 mg: Een verlengde vrystellende tablet bevat 1 000 mg metformienhidrochloried, gelykstaande aan 780 mg metformienbasis.

Hierdie tablette is suikervry.
Vir 'n volledige lys van hulpstowwe, sien afdeling 6.1.

3 FARMASEUTIESE VORM

Verlengde Vrystellende Tablet

500 mg: Wit tot naaswit, kapselvormige, 16,50 mm x 8,20 mm onbedekte tablet, gebosseleer met "XR 500" aan een kant en plain aan die ander kant.

750 mg: Wit tot naaswit, kapselvormige, 19,60 mm x 9,30 mm onbedekte tablet, gebosseleer met "XR 750" aan een kant en plain aan die ander kant.

1 000 mg: Wit tot naaswit, kapselvormige, 21,10 mm x 10,10 mm onbedekte tablet, gebosseleer met "XR 1 000" aan een kant en plain aan die ander kant.

4 KLINIESE BESONDERHEDE

Terapeutiese indikasies

Behandeling van type 2 diabetes mellitus in volwassenes, veral in oorgewig pasiënte, wanneer oefening en dieet management alleen nie resulteer in voldoende glemiese beheer gee nie.
GLUCOTRIN XR kan alleen as aanvangsbehandeling gegee word of kan in kombinasie met ander orale antidiabetiese middels of insulien gegee word.

Posologie en metode van toediening

Posologie

GLUCOTRIN XR 500 mg

Monoterapie en kombinasie met ander orale antidiabetiese middels:
• In pasiënte alreeds behandel met metformin hidrochloried 500 mg een keer per dag.
• Na 10 tot 15 dae moet die dosis op grond van bloedglukosewaardes aangepas word. Gastro-intestinale verdraagbaarheid kan verbeter word deur 'n stadige verhoging in die dosis. Die maksimum aanbevole dosis is 4 tablette metformienhidrochloried 500 mg daaglik.
• Indien verhogings moet gemaak word in toename van 500 mg elke 10-15 dae tot 'n maksimum van 2 000 mg een keer per dag tydens aandete gemaak word. Indien glemiese beheer nie met 4 x GLUCOTRIN XR 500 mg een keer per dag bereik word nie, kan 2 x GLUCOTRIN XR 500 mg twee keer per dag oorweeg word. Beide doserings moet saam met voedsel gegee word. Indien glemiese beheer steeds nie bereik word nie, kan pasiënte oorgeskakel word na die standaard metformientablette tot 'n maksimum dosis van 3 000 mg daaglik.

GLUCOTRIN XR 750 mg

Die gewone aanvangsdosis is een tablet daaglik tydens aandete.
Na 10 tot 15 dae moet die dosis op grond van bloedglukosewaardes aangepas word. Gastro-intestinale verdraagbaarheid kan verbeter word deur 'n stadige verhoging in die dosis.
Die aanbevole dosis is 2 tablette een keer per dag tydens aandete.
Indien glemiese beheer nie met GLUCOTRIN XR 750 mg 2 tablette een keer per dag bereik word nie, kan 3 x GLUCOTRIN XR 750 mg verhoog word tot 'n maksimum dosis van 3 tablette een keer per dag tydens aandete.
Indien glemiese beheer nie bereik word met GLUCOTRIN XR 750 mg 3 tablette een keer per dag nie, dan kan een tablet GLUCOTRIN XR 750 mg in die oggend en twee tablette GLUCOTRIN XR 750 mg in die aandete saam met voedsel gegee word. Indien glemiese beheer steeds nie bereik word nie, kan pasiënte oorgeskakel word na die standaard metformientablette tot 'n maksimum dosis van 3 000 mg daaglik.

GLUCOTRIN XR 1 000 mg

GLUCOTRIN XR 1 000 mg is bedoel as instandhoudingsbehandeling vir pasiënte wat reeds of 1 000 mg (2 tablette GLUCOTRIN XR 500) of 2 000 mg (4 tablette GLUCOTRIN XR 500) verlengde vrystellende metformienhidrochloried kry. Indien glemiese beheer nie bereik word nie, kan pasiënte oorgeskakel word na standaard metformienhidrochloriedtablette tot 'n maksimum daaglikse dosis van 3 000 mg daaglik.

Oorskakeling van pasiënte wat reeds behandel word met metformientablette

By pasiënte wat reeds behandel word met onmiddellik vrystellende metformientablette, moet die aanvangsdosis van GLUCOTRIN XR gelykstaande wees aan die daaglikse dosis metformien onmiddellik vrystellende tablette.
By pasiënte wat behandel word met metformien teen 'n dosis bo 2 000 mg daaglik, word oorskakeling na verlengde vrystellende tablette nie aanbeveel nie.

Oorskakeling van pasiënte van ander orale antidiabetiese middels

Indien oorskakeling van 'n ander orale antidiabetiese middel beplan word, moet die ander middel gestaak en GLUCOTRIN XR teen die dosisse soos hierbo aangedui gegee word.