CTD MODULE 1

ADMINISTRATIVE INFORMATION AND PRODUCT INFORMATION

GLYCOREN TABLETS Product Name:

(Glibenclamide Tablets 5mg)

Pack Insert:

GLYCOREN TABLETS

Glibenclamide 5mg tablets BP

GLYCOREN TABLETS

Composition:
Face uncoated tablet contains Glibenslamide 5 mg.

Actions:

Glibonolomido is a potentional autohomyturea hypophycaemin agumt. It inwers hinner gluzzes zazazation in diabetis and nen diabetis patients by attenuisting has eate, it sets in sensed with glusses (improved accordivity of bute colla to physiological pluzzes stimulus; and learn to an insulin secretion in the rhythm of media. Other incohomisms of the hypophysionic action associated with strongering page as to include reduction of basal hapatic glucoso diodection and entirement of peripheral insulin action associated.

With protonged therapy there tends to be a gradual deciling in inputin accretion but the officenciamidecinduced improvement in gluence. 1894/869 persists, Extraganarcatic effects operant to substantially contribute to the hypotycaumic action during long term therapy. The principle mechanism appears to be due to inhibition of hopatic glucose production and enhanced persisting to insulin.

Glibonolomido also exerts a direct inhibitory effect on glucagon producing alpha caus of the panerass and increases the release of sometostatio. These two canceratio numbula call actions may only play a minor clinical reta, calleen clamide can also produce a mild diurests by enhancing renal from water clearance through an unclearly defined action.

Objects by enhancing cents the warm contained unright an unclearly 86%) from the gestrointestinal tract after and administration. Circumstantials is readily and almost completely absorbed (appreximately 86%) from the gestrointestinal tract after and administration. Found due not appear to affect the raty and extent of absorption. Cilibanolamide is 20% bound to bleams outcless. Discline is consistent and unrice many other delighority forces glibanolamide is unflicted to be displaced from binding attests by other highly containing agents the volume of distribution of glibanolamide at steady date averages 0.1251/kg. Cilibenolamide is completely metabolised and the hereal down takes place by ally size and in the force of the proposition of the principle metabolises are unit storage in the large promptly average. This sensition of the proposition of the principle metabolise in the large proposition of proposition of the principle metabolise. The metabolises have practically no hypoglycaemic action.

The elimination half-life from the serum can be divided in a rapid phase (2.14). / hours) and a slow phase (10-2 hours). After oral administration of ting of glittendamitie, peak serum cancentrations are reached in 2 to 8 hours and within 24-hours the concentration falls in knopping with the administration in nices can new asymmetry by 8. Assumulation of glittendamidie in not observed effect reputated disser. The hypoglyreaunic affect insis for 23 hours, approximately by 8 at also is a served in vine and 60% of the bill into the farmas, in pullmins with renal insufficiency apparating upon the degree of the conditional effect here is increased elimination of the manufacture via the nice.

Gilbenciamide is only minimally removed by basessalaigese

Indinatione:
NALIARIUM Appandent disbetes mailitus (type II); glibenslamide is used as an adjunct in patients whose hyperalyceemia cannot be annested by the stone.

Nan-nesuin Appandent disbette molitus (type II); glibenelamide is used as an odjunct in patients whose hyperatycemia cannot be Assistant Appandent of the building of the patients of the pati

been established.
Contrainflicturine:
Collibrandumide should not be gluen as sale tharapy to patients with unstable and/or libration dependent distance makings (1/pp 1)
Positionis with ketrascidesis or distance come
Trainma or surgary
Xusure Infection
Childring junicine
Viol the presence of severe repatit or renal impairment.
Stindardinals is also contra-indicated in patients with known hyperaenalityily or allorgy to the drug.

ADIAGNARRY
Warnings and Precautions:

Obsery management with or without weight reduction to the principal thoropy for the management of Type II distretes mellitus. Oral hypoglyssamic agents or insulin should only be used after these mensures have failed by themselves.

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Hypoglycaemia: may be severe and has occasionally hean fatal thus necessitating careful monitoring and selection of both patient and dosage. Hypoglycaemia is more likely in elderly patients, those who are debilitated or who have impaired hepatic or renal function. Alcohol, severe or prelonged exercise, inadequate caloric intake, certain modicines (see drug Interactions), severe endocrine disorders, and adrenal or pituliary insufficiency may also predispose patients to hypoglycaemia. It may be necessary to institute insulin during illness, stress or surgery.

Regular monitoring of blood and/ar urine glucose: It is necessary to determine the minimum effective dose; to detect primary failure (inadequate lawering of blood glucose concentration at the maximum resommended dosage); or secondary failure (lose of control of blood glucose following on initial period of effectiveness). If secondary failure coours, glibenolamide should usually be discontinued. However, some clinicians may initially evaluate the addition of a low dose insulin regimen.

Use in Pregnancy

Category C.

It is important to achieve strict normoglycaemia during pregnancy. Oral hypoglycaemic agents should be replaced by Insulin. The sulphonylureas may enter the foetal circulation and cause neonatal hypoglycaemia. In animal studies embryotoxicily and/or birth defects have been demonstrated. If glibenolamide is used during pregnancy it should be discontinued at least two weeks before the expected delivery date to avoid severe hypoglycaemia in the neunate following delivery.

Use in Lactation

Ose in Caccation.

It is not known whether glibenclamide is excreted in breest milk or whether it has a harmful effect on the newborn infant. Other sulphonylureas have been found in breast milk and therefore glibenclamide is not recommended for nursing mothers unless the expected benefits outweigh

any potential risks.

Effects on ability to drive and use machines

Until optimal control has been achieved, when changing the antidiobetic preparation, or when the tablets have not been taken regularly, alertness and reaction time may be altered to such an extent that the patient cannot safely cope with road traffic or operate machinery.

Advance Effects.

Interness and reaction time may be altered to such an extent that the patient cannot safely cope with road traffic or operate machinery.

Adverse Effects
Adverse Effects
Adverse Effects
Adverse Effects
Adverse effects serious enough to require discontinuation of therapy are uncommon however of adverse effects persist glibenclamide should be discontinued.

Hypogly.caemia.

May be not only severe but also protonged and fatal (see Warnings and Precautions).

Gastrointastinal affects a.g. nauxea, womiting, epigastric fullness or sensation of pressure, hearthurn, anorexia, dyspepsia and diarrhous are the most common adverse reactions and occur in 1-2% of patients. Effects tend to be dose related and may disappear when dosage is reduced. Pancreatitis has been reported tarely.

Dermatological:
Allorgic skin reactions to authonylureas such as pruritue, erythema, untersia, and erythematoue, maculopapular and bullous skin eruptions or poortosiform drug oruption occur in 1.5% of treated patients. Those may be transient and may disappear despite centinued use of glibenclamide. If they persist glibenclamide should be discontinued. Perphyria cutanea tarda, pallagra-like changes and photosansitivity reactions have been reported with sulphonylureas.

Haematological:
Anaemia, leucopenia, thrombocytopenia, thrombocytopenia, promocytopenia, promocytopenia, thrombocytopenia, thrombocytopenia in the patie function, cholestesis, cholestesis, cholestesis.

Hepatic: Increased hepatic enzymes (AST, ALT), abnormal hepatic function, cholestasis, cholestatic hepatitis, granulamatous hepatitis and bilirubinamia have been reported with sulphonylureas.

Miscellaneous:
Although a causal relationship has not been established, the following adverse effects have been reported in patients receiving glibenclamides paraesthesis, bindness, deafness, diptopia, visualdisturbances, framor, convulsions, encephalopathy, confusion, acute psychosis, whormal renal function, acute renal failure, ocular disturbances, lactic acidosty upperlativentus, syndrome of inappropriate secretion of antidurestic hormone, arthratigia, arthritis, cerebrovascular disorders, hexdache, facial oedema, angloedema, hypersensitivity vasculitis and increased sweating.

Interactions

Other medicines gives at the same time as suphonylureas may cause undesirable decreasion or

Interactions
Interactions
Other medicines given at the same time as sulphonylureas may cause undesirable depression or elevation of the blood sugar level.

The hypoglycaemic action of glibenclamide may be potentiated by ACE inhibitors, aminosalicylic acid, anabolic storoids, 8-receptor blockers, bezalibrate, biguanides, chloramphenicol, clothorate, clonidine, co-timoxazole, coumarin derivatives, dispopyramide, tentluramine, fluoxetine, gomfibrozil, guanethidine, heparin, MAOTe, misonazole, parenteral high dose expentifylline, phonylbudazone, phenyramided, phosphamides, probancold, quinolone antibilotics, ranifolidine, reserpine, salicylates, sulphingyrazone, tritoqualine, tetracycline compounde and certain long acting sulphonamides. Highly protein bound agents may also potentiate the hypoglycaemic action due to glibenclemide displacement from plasma proteins including oral antiocoagularis, hydantorins, salicylates and other NSAIDs.

Medicines which may produce hyperglycaemia or diminish the hypoglycaemic effect of glibenclamide include alcohol, acetazolamide, calcium channel blockers, cimetidine, clonidine, diszoxide, corticosteroids, glucagon, isoniazid, high dose nicollinic acid, cestrogens, progestogens, phenothiazine derivatives, phenytoin, ranitidine, rifampicin, rifampicin, rifodrine, saluretics, sympathomimetic agents, thyroid hormones and large doses of faxatives. Concomitant treatment with 8-receptor blockers or clonidine may mask the warning symptoms of a hypoglycaemic attack.

may must the warning symptoms of a hypoglycoemic attack.

Potentiation or attenuation of the blood sugar lowering effect of glibenciamide has been observed during concomitant therapy with H2-

receptor antagonists.
Intelerance to alcohol may occur. Excessive alcohol ingestion by people who drink occasionally may attenuate the hypoglycaemic effect of gibenclamide or dangerously potentiate it by delaying its metabolic inactivation. Disulfiram-like reactions have occurred very rarely following the concemitant use of alcohol and glibenclamide.

Overdosage: Overdosage: Overdosage: Overdosage: Overdosage: Overdosage of sulphonytureas including glibenclamide can produce hypoglycaemia. In acute poisoning, the stomach should be emptied by aspiration and lavage. Hypoglycaemia may be treated with glucose tablets or powder or 3 to 4 teappears of sugar mixed with a little water. This should be followed by a snack of complex carbohydrate e.g. a sandwich. Alternatively, 1 mg glucagon may be administered subcutaneously or intramuscularly in the absence of oral glucase. If the patient is commisse by the hypoglycaemia is severe, glucose subcutaneously or intramuscularly in the absence of oral glucose.

Pharmaceutical Precautions: Store below 30°C.

Protect from heat, light and moisture.

Medicine Classification: Prescription only medicine.

Presentation: Bilster pack of 10x10's tablets Jar of 1000's tablets

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