

hepatic insufficiency and any conditions associated with hypoxia (see CONTRAINDICATIONS). If metabolic acidosis is suspected in any patient, drug product should be discontinued and the patient hospitalized immediately.

Skin disorders

Monitoring should be required for skin disorders, such as blistering or ulceration in routine care of diabetic patients prescribed vildagliptin containing products. There have been post-marketing reports of bullous and exfoliative skin lesions.

Acute pancreatitis

Use of vildagliptin containing products has been associated with a risk of developing acute pancreatitis. Patients should be informed of the risks. If pancreatitis is suspected, vildagliptin should be discontinued; if acute pancreatitis is confirmed, vildagliptin should not be restarted. Caution should be exercised in patients with a history of acute pancreatitis.

Hypoglycemia

Sulphonylureas are known to cause hypoglycemia. Patients receiving vildagliptin containing products in combination with a sulphonylurea may be at risk for hypoglycemia. Therefore, a lower dose of sulphonylurea may be considered to reduce the risk of hypoglycemia.

Administration of Intravascular Iodinated Contrast Materials

Galveta Plus should be temporarily discontinued in patients undergoing radiologic tests involving intravascular administration of iodinated contrast materials, because such products may result in acute alteration of renal function and increase the risk of lactic acidosis due to possible metformin accumulation. In patients undergoing such tests, Vildagliptin/ Metformin Hydrochloride should be temporarily discontinued at the time of or prior to the procedure, withheld for 48 hours subsequent to the procedure and reinstituted only after renal function has been re-evaluated and found to be normal.

Hypoxic States

Cardiovascular collapse (shock), acute congestive heart failure, acute myocardial infarction and other conditions characterized by hypoxemia have been associated with severe lactic acidosis in patients taking metformin containing products such as Galveta Plus. Pre-renal azotemia commonly occurs in these patients. Vildagliptin/ Metformin is not recommended for such patients. (See CONTRAINDICATIONS)

Surgical Procedures

Due to its metformin component, use of Galveta Plus should be temporarily suspended for any surgical procedure (except minor procedures not associated with restricted intake of food and fluids) and should not be restarted until the patient's oral intake has resumed and renal function has been evaluated as normal. Galveta Plus should be discontinued 48 hours before elective surgery with general anesthesia and should not usually be resumed earlier than 48 hours afterwards.

Vitamin B12 Levels

The metformin component of Galveta Plus has been associated with a decrease in serum vitamin B12. Such decrease is very rarely associated with anemia or any clinical effects and appears to be rapidly reversible with discontinuation of metformin hydrochloride and/or vitamin B12 supplementation. Measurement of hematological parameters on at least an annual basis is advised for patients receiving Vildagliptin/ Metformin Hydrochloride. Certain individuals (e.g., those with inadequate vitamin B12 or calcium intake or absorption) appear to be predisposed to developing subnormal vitamin B12 levels. In these patients, routine serum vitamin B12 measurements at minimally two-to-three-year intervals may be useful.

Effects on Ability to Drive and Use Machines

No studies on the effects on the ability to drive and use machines have been performed. Patients who are prone to dizziness should avoid driving vehicles or using machines.

ADVERSE REACTIONS:

Adverse reactions reported in patients who received Vildagliptin and metformin in **clinical studies** as dual therapy or as triple add-on therapies are listed below:

Vildagliptin with metformin

Metabolism and nutrition disorders

Common Hypoglycaemia

Nervous system disorders

Common Tremor, Headache, Dizziness

Uncommon Fatigue

Gastrointestinal disorders

Common Nausea

Vildagliptin with metformin and sulfonylurea

Metabolism and nutritional disorders

Common Hypoglycaemia

Nervous system disorders

Common Dizziness, tremor

Skin and subcutaneous tissue disorders

Common Hyperhidrosis

General disorders and administration site conditions

Common Asthenia

Vildagliptin with insulin (with/without) metformin

Metabolism and nutrition disorders

Common Decreased blood glucose

Nervous system disorders

Common Headache, chills

Gastrointestinal disorders

Common Nausea, gastro-oesophageal reflux disease

Uncommon Diarrhoea, flatulence

Post-marketing adverse reactions reported with the combination product Vildagliptin/metformin are listed below:

Vildagliptin with metformin

Gastrointestinal disorders

Not known Pancreatitis

Hepatobiliary disorders

Not known Hepatitis (reversible), abnormal liver function tests

Musculoskeletal disorders

Unknown Myalgia

Skin and sub-cutaneous tissue disorders

Not known Urticaria, bullous or exfoliative skin lesions

Adverse reactions reported with monotherapy of Vildagliptin or metformin alone in **clinical studies** and with **post-marketing*** reporting are given below:

Monotherapy with Vildagliptin

Infections and infestations

Very rare Upper respiratory tract infection, Nasopharyngitis

Metabolism and nutrition disorders

Uncommon Hypoglycemia

Nervous system disorders

Common Dizziness

Uncommon Headache

Vascular disorders

Uncommon Oedema peripheral

Gastrointestinal disorders

Uncommon Constipation

*Frequency unknown** Pancreatitis

Musculoskeletal and connective tissue disorders

Uncommon Arthralgia

*Frequency unknown** Myalgia

Hepatobiliary disorders

*Frequency unknown** Hepatitis

Skin and subcutaneous tissue disorders

*Not Known** Urticaria, Bullous or exfoliative skin lesions

Monotherapy with Metformin

Metabolism and nutrition disorders

Very rare Lactic acidosis, Vitamin B12 absorption decreased

Nervous system disorders

Common Taste disturbance

Gastrointestinal disorders

Very common

Gastrointestinal disorders such as nausea, vomiting, diarrhea, abdominal pain and loss of appetite.

Hepatobiliary disorders

Very rare

Isolated reports of liver function tests abnormalities or hepatitis resolving upon metformin discontinuation.

Skin and subcutaneous tissue disorders

Very rare

Skin reactions such as erythema, pruritus, and urticaria

DRUG INTERACTIONS

Interactions for which concomitant use is not recommended

Alcohol

Acute alcohol intoxication is associated with an increased risk of lactic acidosis, particularly in case of fasting, malnutrition or hepatic insufficiency. Avoid consumption of alcohol and alcohol-containing medicinal products with metformin containing products.

Iodinated contrast agents

Intravascular administration of iodinated contrast agents may lead to renal failure, resulting in metformin accumulation and an increased risk of lactic acidosis.

In patients with CrCl > 60 ml/min, metformin containing products must be discontinued prior to, or at the time of the test and not be reinstituted until at least 48 hours afterwards, and only after renal function has been re-evaluated and has not deteriorated further. In patients with moderate renal impairment (CrCl between 45 and 60 ml/min), metformin containing products must be discontinued 48 hours before administration of iodinated contrast media and not be reinstituted until at least 48 hours afterwards and only after renal function has been re-evaluated and has not deteriorated further.

Cationic drugs

Cationic drugs (e.g., amiloride, digoxin, morphine, procainamide, quinidine, quinine, ranitidine, cimetidine, triamterene, trimethoprim, or vancomycin) that are eliminated by renal tubular secretion theoretically have the potential for interaction with metformin by competing for common renal tubular transport systems delaying the absorption of metformin and may increase the risk of lactic acidosis. Therefore, close monitoring of glycaemic control, dose adjustment and changes in diabetic treatment should be considered when cationic drug that are eliminated by renal tubular secretion are co-administered with metformin containing drug products.

Combinations requiring precautions for use

Diuretics, especially loop diuretics

They may increase the risk of lactic acidosis due to their potential to decrease renal function.

Vildagliptin / Metformin combination

Reduction of hypoglycemic effect

As with other oral anti diabetic drugs, the hypoglycemic effect of vildagliptin and metformin may be reduced by certain drugs, including thiazides, corticosteroids, thyroid products and sympathomimetics. Strict monitoring of glycaemic control and dose adjustment of hypoglycemic medications may be necessary in patients using these drugs.

USE IN SPECIAL POPULATIONS

Pregnancy

Galveta Plus should not be used during pregnancy unless the potential benefit justifies the potential risk to the fetus. However, there are no adequate and well-controlled studies in pregnant women, and animal studies are not always predictive of the human response. Current information strongly suggests that abnormal blood glucose

levels during pregnancy are associated with a higher incidence of congenital anomalies as well as increased neonatal morbidity and mortality; most experts recommend that insulin monotherapy be used during pregnancy to maintain blood glucose levels

Nursing mothers

No studies have been conducted with the combined components of Galveta Plus. Metformin is excreted into human breast milk. It is not known whether vildagliptin is excreted in human milk or not. Due to both the potential risk of neonate hypoglycaemia related to metformin and the lack of human data with vildagliptin, Galveta Plus should not be administered to breast-feeding women.

Hepatic Impairment

Vildagliptin

The use of vildagliptin is not recommended in patients with hepatic impairment including patients with a pre-treatment ALT or AST > 3 times the upper limit of normal. (See DOSAGE AND ADMINISTRATION) and CONTRAINDICATIONS.

Metformin hydrochloride

No pharmacokinetic studies of metformin hydrochloride have been conducted in subjects with hepatic insufficiency.

Renal Impairment

The combination product of vildagliptin and metformin should not be used in patients with creatinine clearance < 60 ml/min

OVER DOSAGE

Vildagliptin

Information regarding overdose with vildagliptin is limited.

Symptoms

Information on the likely symptoms of overdose with vildagliptin was taken from a rising dose tolerability study in healthy subjects given vildagliptin for 10 days. At 400 mg, there were three cases of muscle pain, and individual cases of mild and transient paraesthesia, fever, oedema and a transient increase in lipase levels. At 600 mg, one subject experienced oedema of the feet and hands, and increases in creatine phosphokinase (CPK), AST, C-reactive protein (CRP) and myoglobin levels. Three other subjects experienced oedema of the feet, with paraesthesia in two cases. All symptoms and laboratory abnormalities resolved without treatment after discontinuation of the study medicinal product.

Management

In the event of an overdose, supportive management is recommended. Vildagliptin cannot be removed by haemodialysis. However, the major hydrolysis metabolite (LAY 151) can be removed by haemodialysis to a limited extent (3% over a 3-4 hour haemodialysis session starting 4 hours post dose).

Metformin

The minimum toxic dose is not well established. ADULT: In adults, ingestions of 5 g or less are generally well tolerated. Severe toxicity developed after ingestions of 25 or more of metformin. PEDIATRIC: Ingestions of up to 1700 mg of metformin were well tolerated in healthy children.

Symptoms

A large overdose of metformin may lead to lactic acidosis, which is a medical emergency and must be treated in hospital. Hypoglycemia has not been seen with metformin doses of up to 85 g.

Management

The most effective method of removing metformin and lactate is haemodialysis. Supportive management is recommended.

PRESENTATION

Galveta Plus (50/500) : Pack of 14 Tablets

Galveta Plus (50/850) : Pack of 14 Tablets

Galveta Plus (50/1000) :Pack of 14 Tablets

INSTRUCTIONS

Use as advised by the physician.

Keep all medicines out of the reach of children.

To be sold on the prescription of a registered medical practitioner only.

Protect from light, heat and moisture.

Store below 30°C.

For suspected adverse drug reaction, report at

reports@pharvevo.biz

For more information on our products

call PharmAssist helpline 0800-82222

Monday to Friday 9:00 am to 6:00 pm

or email us at : pharmassist@pharvevo.biz

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NovaMed Pharmaceuticals (Pvt.) Ltd.
28-KM Ferozepur Road Lahore, Pakistan.

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قام و زخمی پانچ کی گتے سے ڈاؤن کریں۔
صرف روزانہ ڈائٹ کے گتے کی فراہمی کی جائے۔
ڈائٹ کی فراہمی سے کم از کم 30°C سے کم درجہ حرارت پر کریں۔
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