

To be used only by staff of the Prescription of Laboratory, Therapeutic Products and/or

PRESCRIBING INFORMATION

SEMAGLUTIDE INJECTION

1. Generic Name

Semaglutide Injection 0.8mg/ml (1 mg/1.5 ml Prefilled Pen)
Semaglutide Injection 1.34mg/ml (2 mg/1.5 ml Prefilled Pen)
Semaglutide Injection 2.27mg/ml (3.4 mg/1.5 ml Prefilled Pen)
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For use in Chronic weight management - Please refer section 4.1 for details

2. Qualitative and Quantitative Composition

Semaglutide Injection 0.8mg/ml (1 mg/1.5 ml Prefilled Pen)
Each ml contains
Semaglutide 0.8mg
Purified P 5.00 mg
(As preservative)
Water for injections P 5.0

Water for injections P 5.0
pH 5.0 in prefilled pen capable of delivering 4 doses of 0.25 mg

Semaglutide Injection 1.34mg/ml (2 mg/1.5 ml Prefilled Pen)
Each ml contains
Semaglutide 1.34mg
Purified P 5.00 mg
(As preservative)
Water for injections P 5.0

Water for injections P 5.0
pH 5.0 in prefilled pen capable of delivering 4 doses of 0.5 mg

Semaglutide Injection 2.27mg/ml (3.4 mg/1.5 ml Prefilled Pen)
Each ml contains
Semaglutide 2.27mg
Purified P 5.00 mg
(As preservative)
Water for injections P 5.0

Water for injections P 5.0
pH 5.0 in prefilled pen capable of delivering 4 doses of 1.7 mg

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Patients with impaired renal function (e.g., vomiting, and diarrhea may cause dehydration) with could cause a deterioration of renal function.

Acute Pancreatitis
Acute pancreatitis has been observed with the use of GLP-1 receptor agonists. Patients should be informed of the characteristic symptoms of acute pancreatitis. If pancreatitis is suspected, semaglutide should be discontinued. If confirmed, semaglutide should not be restarted. Caution should be exercised in patients with a history of pancreatitis.

Hypoglycemia in Patients with Type 2 Diabetes
Insulin and sulfonylureas are known to cause hypoglycemia. Patients treated with semaglutide in combination with a sulfonylurea or insulin may have an increased risk of hypoglycemia. The risk of hypoglycemia can be lowered by reducing the dose of sulfonylurea or insulin when initiating treatment with a GLP-1 receptor agonist.

Diabetic Retinopathy Complications in Patients with Type 2 Diabetes
Patients with diabetic retinopathy treated with semaglutide, an increased risk of developing diabetic retinopathy complications has been observed. Rapid improvement in glucose control has been associated with a temporary worsening of diabetic retinopathy, but other mechanisms cannot be excluded. Patients with diabetic retinopathy using semaglutide should be monitored closely and treated according to clinical guidelines. There is no experience with semaglutide in patients with type 2 diabetes with uncontrolled or partially unstable diabetic retinopathy. In these patients, treatment with semaglutide is not recommended.

Acute Kidney Injury
There have been post marketing reports of acute kidney injury and worsening of chronic renal failure, which may sometimes require hemodialysis, in patients treated with GLP-1 receptor agonists. Some of these events have been reported in patients without known underlying renal disease. A majority of the reported events occurred in patients who had experienced nausea, vomiting, diarrhea or dehydration. Monitor renal function when initiating or escalating doses of semaglutide in patients reporting severe adverse gastrointestinal reactions.

Hypersensitivity Reactions
Serious hypersensitivity reactions (e.g., anaphylaxis, angioedema) have been reported in patients treated with Semaglutide. If hypersensitivity reactions occur, discontinuation of Semaglutide, treated promptly per standard of care, and monitor until signs and symptoms resolve. Do not use in patients with a previous hypersensitivity to semaglutide or its components. Anaphylaxis and angioedema have been reported with other GLP-1 receptor agonists. Use caution in a patient with a history of angioedema or anaphylaxis with another GLP-1 receptor agonist because it is unknown whether semaglutide will be predisposed to anaphylaxis with semaglutide.

Acute Gallbladder Disease
Acute events of gallbladder disease such as cholelithiasis or cholelithiasis have been reported in GLP-1 receptor agonist trials and post-marketing in placebo-controlled trials. Cholelithiasis was reported in 1.5% and 0.4% of patients treated with Semaglutide 0.5 mg and 1 mg, respectively. Cholelithiasis was not reported in placebo-treated patients.

Routine monitoring of serum calcium or using thyroid ultrasound is of uncertain value for early detection of MTC in patients treated with semaglutide. Such monitoring may increase the risk of unnecessary procedures, due to the low test specificity for serum calcium and a high background incidence of thyroid disease. Significantly elevated serum calcium value may indicate MTC and patients with MTC usually have calcium values >10 ng/L. Serum calcium is measured and found to be elevated, the patient should be further evaluated. Patients with thyroid nodules noted on physical examination or neck imaging should also be further evaluated.

Suicidal Behavior and Ideation
Suicidal behavior and ideation have been reported in clinical trials with other weight management products. Monitor patients treated with semaglutide for the emergence or worsening of depression, suicidal thoughts or behavior, and/or any unusual changes in mood or behavior. Discontinue semaglutide in patients who experience suicidal thoughts or behaviors. Advise patients in patients with a history of suicidal attempts or active suicidal ideation.

Heart Rate Increase
Treatment with semaglutide was associated with increases in resting heart rate. Mean increases in resting heart rate of 1 to 4 beats per minute (bpm) were observed in semaglutide treated adult patients compared to placebo in clinical trials. Most adult patients treated with semaglutide compared with placebo experienced an increase in heart rate of 10 to 19 bpm (41% versus 34%, respectively) and 20 bpm or more (26% versus 16%, respectively).

Monitor heart rate at regular intervals consistent with usual clinical practice. Instruct patients to inform their healthcare providers of palpitations or feelings of a racing heartbeat while at rest during semaglutide treatment. If patients experience a sustained increase in resting heart rate, discontinue semaglutide.

4.3 Drugs Interactions
Semaglutide delays gastric emptying and could potentially influence the absorption of concomitantly administered oral medicinal products. No clinically relevant effect on the rate of gastric emptying was observed with semaglutide 2.4 mg, probably due to a tolerance effect. Semaglutide should be used with caution in patients receiving oral medicinal products that require rapid gastrointestinal absorption.

4.4 Food Interactions
Semaglutide delays the rate of gastric emptying as assessed by paracetamol pharmacokinetics during a standardized meal. Paracetamol AUC(0-8h) and C_{max} were decreased by 27% and 22%, respectively, following consumption of semaglutide 1 mg. The total paracetamol exposure (AUC(0-24h)) was not affected. No clinically relevant interaction was observed with semaglutide. No dose adjustment or special precautions are necessary when administered with semaglutide.

4.5 Pregnancy and Lactation
Semaglutide is not anticipated to decrease the effectiveness of oral contraceptives. It did not change the overall occurrence of ethinylestradiol and levonorgestrel to a clinically relevant degree, when an oral contraceptive combination medicinal product (0.03 mg ethinylestradiol/0.03 mg levonorgestrel) was administered with semaglutide. Of ethinylestradiol was not affected, an increase of 0.002 mg was observed for levonorgestrel exposure. It is likely that semaglutide was not effective for any of the components.

4.6 Fertility
Semaglutide did not change the overall exposure of ethinylestradiol following a single dose administration of ethinylestradiol (0.03 mg). Abnormalities in C_{max} were decreased by 38%. This was assessed not to be clinically relevant.

Semaglutide did not change the overall exposure or C_{max} of doxapram following a single dose of doxapram (0.5 mg). Semaglutide did not change the overall exposure or C_{max} of metformin following dosing of 500 mg twice daily over 3.5 days. Metformin and other common diabetes treatments.

Semaglutide did not change overall exposure or C_{max} of R- and S-warfarin following a single dose of warfarin (25 mg), and the pharmacodynamic effects of warfarin as measured by the international normalized ratio (INR) were not affected in a clinically relevant manner. However, cases of decreased INR have been reported during concomitant use of semaglutide and warfarin. Upon initiation of semaglutide treatment in patients on warfarin or other common derivatives, frequent INR monitoring is recommended.

4.7 Use in special populations
Studies in animals have shown reproductive toxicity. There are limited data from the use of semaglutide in pregnant women. Therefore, semaglutide should not be used during pregnancy. If a patient wishes to become pregnant, or pregnancy occurs, semaglutide treatment should be discontinued. Semaglutide should be discontinued at least 2 months before a planned pregnancy due to the long half-life of semaglutide.

4.8 Effects on Ability to Drive and Use Machines
Semaglutide has no or negligible influence on the ability to drive or use machines. However, dizziness can be experienced mainly during the dose escalation period. Driving or use of machines should be done cautiously if dizziness occurs.

4.9 Undesirable Effects
Semaglutide is used in combination with a sulfonylurea or insulin, patients should be advised to take precautions to avoid hypoglycemia while driving and using machines.

5. Summary of safety profile
The information provided below is derived from the Phase II trial conducted by Intas Pharmaceuticals with the Study code: 0131-24. The safety profile of Intas semaglutide subcutaneous injection against Intas semaglutide subcutaneous injection, Wegovy (semaglutide 2.4 mg/1.5 ml) and other GLP-1 receptor agonists, active-controlled, parallel-group, phase IIb study in Overweight and obese Adult Patients at Adjunct to Diet and Exercise.

In Study 0131-24, all the 221 randomized patients received at least one dose of study medication and were included in the safety analysis. 115 in the Intas semaglutide group and 106 in the placebo group. The most frequently reported treatment-emergent adverse events (TEAEs) during the study were Diarrhea (14.3 % participants), Nausea (10.0 % participants), Headache (10.0 % participants), and Fatigue (10.0 % participants).

The safety profile of Intas sem