



SEMAGLUTIDE

SEMAGLUTIDE 5MG

Presented as box containing one vial with 5MG of SEMAGLUTIDE in the form of injectable lyophilic powder.

DESCRIPTION

Semaglutide is a famous drug mainly utilized for managing type 2 diabetes. It falls within the category of "GLP-1 receptor agonists".

It is also used for the management of weight in individuals with certain conditions, as its effects on blood sugar control and, most important, to control appetite reduction can lead to weight loss.

MECHANISM OF ACTION

These medications work by mimicking the action of the GLP-1 - the hormone, which helps to reduce high levels of blood sugar in several ways: first, by increasing the production of insulin in response to high blood sugar, second, by reducing liver sugar production and delaying gastric emptying, which aids in controlling appetite and lowering calorie consumption.

BENEFITS

Semaglutide offers several benefits for individuals with type 2 diabetes and those seeking weight management, including:

1. Improved Blood Sugar Control - It effectively lowers blood glucose levels by enhancing insulin secretion when needed
2. Weight Loss - Studies suggest that semaglutide can decrease the occurrence of major cardiovascular issues, such as heart attacks, strokes, or cardiovascular mortality.
3. Cardiovascular Health - Research indicates that semaglutide can lower the risk of significant cardiovascular events, including heart attacks, strokes, or cardiovascular-related deaths.
4. Convenient Dosing - It is administered via weekly injections, offering convenience over daily-dose medications.
5. Reduced Risk of Hypoglycemia - When used alone, semaglutide is associated with a reduced likelihood of inducing hypoglycemia (low blood sugar levels) in comparison to various other diabetes treatments.

HOW TO USE

Dosage is carefully adjusted based on the patient's response and tolerability. The medication is administered once weekly via subcutaneous injection. Here's a general overview of the Semaglutide dosing cycle:

- **Starting Dose:** The recommended starting dose is 0.25 mg once a week for 4 weeks. This initial dose is intended for dose escalation and is not effective for glycemic control.
- **Maintenance Dose:** After the initial 4 weeks, the dose is increased to 0.5 mg once a week. Depending on the individual's need for further glycemic control and their tolerance of the medication, the dose may be increased.
- **Dose Escalation:** If additional glycemic control is needed, the dose can be increased after at least 4 weeks to 1 mg once weekly. Some patients may eventually be prescribed up to 2 mg once weekly if needed and tolerated, following the same minimum 4-week interval for dose escalation.

PRESENTATION

Box containing one vial with 5 MG of SEMAGLUTIDE in the form of injectable lyophilic powder.

STORAGE

Before reconstitution:

Store SEMAGLUTIDE under refrigeration at 2°C to 8°C. Do not freeze. Protect from light. Before opening, the product may be taken out of the refrigerator, without being replaced, for a maximum period of 12 months at room temperature but after this it must be discarded.

After reconstitution:

Reconstituted SEMAGLUTIDE with preservative may be stored under refrigeration (2°C to 8°C) for up to 4 weeks protected from light.