# Semaglutide

AT CAROLINA HORMONE AND HEALTH CENTER



In 2021, the FDA approved use with chronic weight management in obese/overweight adults



"We have not seen this degree of weight loss with any previous medication," said Dr. Timothy Garvey of the University of Alabama at Birmingham. According to data from trial results, more than 50 percent of trial participants lost 15 percent of their body weight, and anywhere between a third and 40 percent of participants lost 20 percent of their body weight.



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# WHAT IS SEMAGLUTIDE?



Semaglutide is a human-based glucagon-like peptide-1 (GLP-1) receptor agonist prescribed as an adjunct to a reduced-calorie diet and increased physical activity for chronic weight management in adult patients with an initial body mass index (BMI) that is considered outside a healthy range. In higher doses, it acts on centers in the brain and suppresses appetite enhancing the weight loss process. Used in combination with BPC- 157 which stands for Body Protection Compound 157 (a 15 amino acid peptide chain) promotes healing and induce faster regeneration for cells.

#### **BENEFITS**



- Accelerated wound healing
- Decreases inflammation
- Increased fibroblast
- Nitric oxide improvement
- Improves digestive function
- Enhanced vascular expression of VEGFR2

#### **INTERACTIONS**



- Anti-Diabetic agents specifically: Insulin and Sulfonylureas due to the increased risk of hypoglycemia
- Do not take with other GLP-1 agonist medicines such as but not limited to: Adlyxin, Byetta, Bydureon, Ozempic, Rybelsus, Trulicity, Victoza, Wegovy

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## **POSSIBLE SIDE EFFECTS**

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Though rare: nausea, diarrhea, vomiting, constipation, stomach pain, headache, fatigue, dizziness, bloating, gas, and heartburn have been reported.

More serious side effects may include: Pancreatitis (inflammation of the pancreas), Gallbladder problems, kidney problems/failure, serious allergic reactions, Increased heart rate, and depression.

#### FREQUENTLY ASKED QUESTIONS



#### Is Semaglutide a type of insulin?

No, Semaglutide does stimulate your pancreas to release insulin when glucose is present. Because Semaglutide relies upon your body's own insulin to have this effect, Semaglutide isn't used when your pancreas can't make insulin, such as in patients with type 1 diabetes.

## Is Semaglutide a stimulant?

No, While other weight loss medications, like phentermine, have stimulating effects that help curb your appetite, Semaglutide works differently.

## **Does Semaglutide curb your appetite?**

Yes, it is believed that Semaglutide can help curb your appetite. In addition to slowing gastric emptying to make you feel full for longer.

## Where will I buy my Semaglutide?

Once evaluated by our provider, the medication will be ordered through our practice and will be shipped directly to your home.

## Is Semaglutide covered by my insurance?

No, Semaglutide is not covered by insurance for people who are not diabetic type 2.

#### How long does it take to lose weight on Semaglutide?

You will slowly work your way up to the target dose at which time you will see the most amount of weight loss. In the phase 3 trial that measured outcomes at 20 weeks, most participants were able to reach the full dose and lost weight as their dose was increased. They saw additional weight loss over the remaining 48 weeks at the full dose. It is important to keep in mind that weight loss can take time, and you'll see the best results when you are using your medication in combination with a healthy diet and exercise. Sometimes the medication may not work for you, or you may not be able to tolerate the full dose due to side effects.