



EVOLVE
TELEMEDICINE

PEPTIDE GUIDE

An in-depth guide to Evolve peptide therapies



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GHRPs

(growth hormone releasing peptide)

These peptides provide extensive benefits including massive improvement in sleep quality, fat loss, muscle & strength gain, improved health & lowers risk for heart disease, faster recovery & better athletic performance among others!

TESAMORELIN

Tesamorelin is a peptide that helps your body release more growth hormone, which increases IGF-1 levels in both men and women by about 181 micrograms per liter. It works by stimulating the same receptors as your body's natural growth hormone-releasing hormone (GHRH). As you age, your body produces less of this hormone. Tesamorelin can help boost these levels naturally.

Tesamorelin has several benefits:

- Improves brain function
- Reduces triglycerides
- Decreases artery thickness (related to high blood pressure), belly fat, and inflammation markers
- Improves brain function in healthy older adults and those at risk for Alzheimer's disease due to mild cognitive impairment

Currently, Tesamorelin is the most effective growth hormone-releasing peptide available.

BENEFITS



Reduces
belly fat



Improves
sleep



Lowers blood
pressure



Improve
brain health

HEXARELIN

Hexarelin, also known as Examorelin, is a peptide that works by activating the ghrelin receptor to release growth hormone, similar to GHRP-6 but more effectively. Hexarelin boosts growth hormone levels, especially when combined with other growth hormone-releasing peptides like Tesamorelin or Sermorelin.

It also reduces the release of somatostatin, a hormone that inhibits growth hormone production, leading to even higher growth hormone levels.

Hexarelin can increase the release of cortisol, prolactin, and adrenocorticotrophic hormone without affecting blood sugar levels or other hormones like thyroid-stimulating hormone (TSH), luteinizing hormone (LH), or follicle-stimulating hormone (FSH).

BENEFITS



Increases
lean muscle



Promotes
fat loss



Repairs
muscles



Enhances
heart health

IGF 1-LR3

Insulin-like growth factor (IGF-1) is a hormone that helps build new muscle tissue by increasing nitrogen retention and protein synthesis. It's released in the liver and peripheral tissues in response to growth hormone (GH). IGF-1 can help patients...

- Enhance muscle mass and strength
- Decrease inflammation
- Reduce muscle wasting
- Improve gut health
- Boost collagen production
- Build muscle
- Balance blood insulin levels
- Lose weight

IGF-1 is more potent than the original form because it has different amino acids, making it about three times stronger and with a longer half-life of 20-30 hours, compared to 12-15 hours for regular IGF-1.

BENEFITS



Enhances
muscle mass



Promotes
fat loss



Improves
gut health



Boosts
collagen

RECOVERY & HEALING PEPTIDES

These peptides have benefits in helping you improve healing post injury or even reducing risk of injury by improving your recovery rate & healing scar tissue. Reducing pain & inflammation can be hugely beneficial also if this is something you struggle with!

TB-500

TB-500 helps wounds heal faster and reduces inflammation and scarring.

Animal studies have shown TB-500's effectiveness in healing various types of wounds, including skin, eye, and heart injuries.

TB-500 has several benefits, including:

- Reducing inflammation
- Promoting cell movement and survival
- Helping blood vessel formation
- Supporting stem cell growth
- Preventing scar formation

Overall, TB-500 protects cells from damage and contributes to wound healing in both animals and humans.

BENEFITS



Heals
wounds



Reduces
inflammation



Help blood
vessels form



Protects
cells

GLP-1s

Boost your blood sugar control and support weight loss! GLP-1 peptides are designed to enhance your body's natural insulin response and help manage diabetes. These medications can make it easier to regulate your blood sugar levels, reduce cravings, and promote a feeling of fullness.

SEMAGLUTIDE

Semaglutide is a hormone (GLP-1) naturally produced in the gut. It increases insulin to lower blood sugar levels and reduces glucagon to prevent blood sugar spikes.

It also decreases appetite, slows digestion, and was developed as a longer-lasting alternative to Liraglutide in 2012 by Novo Nordisk. Approved in 2017 for treating type 2 diabetes and obesity, it was further approved in June 2021 for managing chronic weight in people with obesity (BMI ≥ 30 kg/m²) or overweight (BMI ≥ 27 kg/m²) with related health issues.

Benefits of Semaglutide include:

- Reduces food intake by lowering appetite
- Slows food digestion in the stomach
- Weight loss
- Decreased cardiovascular outcomes in patients with type 2 diabetes and cardiovascular disease
- Lowers HbA1c levels.

BENEFITS



Reduces
appetite



Promotes
fat loss



Slows
digestion



Improves
heart health

TIRZEPATIDE

Tirzepatide is a once-weekly GIP (glucose-dependent insulinotropic polypeptide) receptor and GLP-1 (glucagon-like peptide-1) receptor agonist, representing a new class of medicines studied for the treatment of obesity. Tirzepatide is a single peptide that triggers the body's receptors for GIP and GLP-1, two natural incretin hormones. Cyanocobalamin (B12) will help increase energy. GIP has decreased food intake and increased energy expenditure, resulting in weight reductions. Combined with a GLP-1 receptor agonist, it has a more significant effect on glucose and body weight effects. It helps...

- Lower a1c substantially
- Burn fat and reduce appetite
- Improves cardiovascular health

While Tirzepatide targets both the GLP-1 and the GIP receptor agonist, semaglutide only mimics the GLP-1 receptor agonist, which is released by your gut after you eat to signal to the brain that you are full.

BENEFITS



Reduces
appetite



Promotes
fat loss



Lowers a1c
levels



Improves
heart health

WEIGHT LOSS & ENERGY PEPTIDES

Improve your fat loss, health & metabolic function!
Obesity & increased body fat levels is one of the leading causes of disease and poor health in today's society. These peptides can make it much easier to get rid of excess body fat & help you maintain a healthy weight in conjunction with nutrition and exercise!

TESOFENSINE

Tesofensine is a powerful peptide for fat loss. It works in the brain to control appetite and boost your resting energy expenditure (basal metabolic rate).

In a study on obesity, participants using Tesofensine lost 5-10% of their body weight and reduced their BMI. They also saw reductions in waist and hip size, body fat, and belly fat compared to those who took a placebo. Tesofensine is a fast-acting weight loss solution that can be used on its own or to enhance other fat-loss treatments.

Tesofensine is a weight loss solution that is very fast acting and can be implemented effectively to enhance results with other fat-loss treatment or to "kick-start" results!

BENEFITS



Fights
obesity



Improves
mood



Increases
energy levels



Improves
blood sugar

5-AMINO-1MQ

5-Amino-1MQ is a small molecule that blocks an enzyme called nicotinamide N-methyltransferase (NNMT), which is linked to several health issues, including obesity, type-2 diabetes, and cardiovascular disease. By inhibiting NNMT, 5-Amino-1MQ has the following benefits:

- Decreases body weight and body fat percentage
- Reduces inflammation
- Improves energy levels
- Helps repair muscle damage
- Lowers cholesterol levels
- Enhances mitochondrial function

In summary, 5-Amino-1MQ helps the body burn fat for energy while preserving muscle mass, making it an effective solution for combating obesity and related metabolic conditions. It also holds promise as part of anti-aging treatments by increasing NAD+ levels.

BENEFITS



Improves
metabolism



Promotes
fat loss



Repairs
muscles



Increases
energy

GLUTATHIONE

Glutathione is an antioxidant made in cells from three amino acids: glutamine, glycine, and cysteine. Factors like poor nutrition, environmental toxins, stress, and aging can lower glutathione levels. Glutathione injections help...

- Clear the body of toxins and free radicals, reducing stress
- Prevent liver damage from substances like alcohol and certain medications

Administering Glutathione through injections or IV is most effective for liver health, as it replenishes glutathione levels quickly, helping the liver process toxins more efficiently.

BENEFITS



Reduces
stress



Brightens
skin



Decreases
toxins



Reduces cell
damage

CARNITINE

Lipotropic injections often include beneficial B vitamins (B1, B5, B6, B12), minerals, amino acids, chromium, and carnitine. B vitamins help convert food into energy, boosting energy levels and improving mood.

Carnitine, an amino acid, helps transport fatty acids into the mitochondria to be used as fuel, aiding fat burning. It comes in two forms: L-carnitine, which is active in energy metabolism, and D-carnitine. L-carnitine can be found in high-protein foods, supplements, and injectables, with injectables offering better absorption.

Carnitine deficiency can result from poor intake, certain health conditions, or being vegan/vegetarian. Besides aiding weight loss, carnitine benefits include improved brain function, muscle protection, blood sugar regulation, and increased endurance.

BENEFITS



Improves
brain health



Promotes
fat loss



Protects
muscles



Boosts
energy

LIPO-B/MIC

Lipotropic injections often include B vitamins (B1, B5, B6, B12), minerals, amino acids, chromium, and carnitine. These B vitamins help convert food into energy, boosting energy levels and improving mood. This LIPO-B/MIC injection includes:

- Methionine: Helps the liver process fats, lowers cholesterol, prevents fatigue, reduces allergy symptoms, and improves skin, hair, and nails.
- Inositol: Aids in fat metabolism, reduces cholesterol, improves insulin sensitivity, and supports brain function. It helps treat depression, PCOS, and fatty liver.
- Choline: Supports energy generation and metabolism, enhances neural communication, and may improve cognitive ability.
- B12 (Cyanocobalamin): Essential for DNA synthesis and metabolism, increases energy and overall well-being, and must be obtained through diet or supplements.

BENEFITS



Improves
mood



Promotes
fat loss



Increases
metabolism



Boosts
energy

HAIR LOSS & SEXUAL HEALTH

Revitalize your hair and enhance your sexual health for a boost in confidence and overall well-being! These peptides will help you achieve thicker, fuller hair and a healthier, and more satisfying sex life.

PT-141 (BREMELANOTIDE)

PT-141, or bremelanotide, is a synthetic compound that boosts α -melanocyte stimulating hormone (α -MSH) in the body, enhancing sexual experiences for both men and women.

It was developed as an alternative to Melanotan II, which also increased sexual activity but had side effects like nausea and vomiting.

PT-141 works differently from traditional treatments like Viagra by targeting the central nervous system to increase sexual desire. It has the highest affinity for melanocortin receptor 4 (MC4R), which improves sexual function and also helps suppress appetite.



BENEFITS



Boosts
sex drive



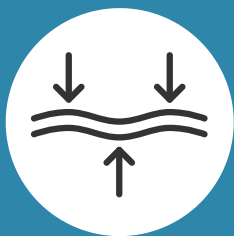
Suppresses
appetite

GHK-CU

GHK-Cu is a naturally occurring copper complex found in human plasma. Copper peptides, like GHK, are small protein fragments that bind to copper ions, essential for body function. GHK has several positive health effects, such as stimulating blood vessels and nerve growth, increasing collagen and elastin production, and supporting skin repair. It improves tissue repair for skin, lung tissue, bones, liver, and stomach lining.

Since its discovery in 1973, GHK-Cu has become a powerful protective and regenerative ingredient used in skin and hair products. It acts as an anti-inflammatory agent, protecting tissue from oxidative damage after injury, and signals tissue remodeling to replace damaged tissue with healthy new tissue. However, its concentration decreases with age, leading to more inflammation and tissue damage.

BENEFITS



Reduces
fine lines



Tightens
skin



Heals
wounds



Increases
hair growth

HAVE ANY QUESTIONS?

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