

Semorelin is a bioidentical hormone peptide made up of 29 amino acids. It is similar to Growth Hormone Releasing hormone and has the ability to secrete Growth Hormone from the pituitary.

Many patients are looking for ways to slow the aging process.

Semorelin is an option to help safely and naturally increase the release of Growth Hormone. Semorelin is NOT Human Growth Hormone (HGH). Semorelin can be combined with Growth Hormone Releasing Peptides (GHRP-2 and GHRP -6). These peptides help encourage the natural development of growth hormone. If these two are combined, this will lead to more efficient release of growth hormone.

The Effects of low Growth Hormone are:

- Memory loss
- Mood swings
- Depression/anxiety
- Sleep problems
- Decreased immune function
- Increased body fat
- Slow Wound healing

The Benefits of Semorelin Therapy:

- Increased lean muscle mass
- Reduced body fat
- Increased bone density
- Enhanced endurance/energy level
- Better sleep
- Strengthened Immune System
- Improved memory and cognition
- Increased sex drive

Growth Hormone deficiency is diagnosed by a lab test called IGF-1 < 160. The optimal range is 230 – 260.

It will take about 3 – 6 months to reach optimal levels. Once level is achieved, Semorelin therapy can be decreased over a period of time and then stopped and observed. Patients have been found to maintain levels for a long period of time once achieved. IGF – 1 level will be monitored during and after treatment. If levels decrease again, therapy can be resumed or low dose therapy at reduced schedule can occur.

Treatment involves subcutaneous injections of Semorelin at 100 – 300 mcg (depending on level) nightly for 3 -6 months.