



## INFORMED CONSENT FOR PEPTIDE THERAPY

I seek the medical services of ApexLife Rejuvenation Systems and their licensed medical practitioners.

I am executing this consent to confirm my discussion with these practitioners and my understanding of the risks, benefits, and alternatives to treatment with peptides. The goal and possible benefits of this therapy are to:

- Prevent, reduce or control the dysfunction associated with the aging process, through hormonal balancing, control of oxidative stress, weight management, and other clinically significant therapeutic actions
- Improve sexual function including libido and erectile function in male patients
- Increase levels of energy, stamina, and strength
- Improve sleep quality
- Improve mental function
- Accelerate healing of wounds, brain and bone tissue, tendons and ligaments

- Improve skin elasticity
- Stimulation of the immune system for treatment of bacterial, viral, fungal, and auto-immune conditions.

The peptide prescribed to me is a compounded medication provided by a state licensed pharmacy. This means that, while the Food and Drug Administration permits its use, it has not been found by the agency to be safe and effective for its intended use.<sup>1</sup>

#### Specific Benefits and General Information of Growth Hormone Secretagogue (GHS)

##### Peptides:

- CJC- 1295, Tesamorelin, GHRP2, and GHRP6 are an analog of the growth hormone releasing hormone (GHRH) which increases endogenous growth hormone release. Ipamorelin and Ibutamoren, are selective ghrelin secretagogues which also encourage endogenous growth hormone release. GHS peptides increase serum growth hormone levels and thereby increase serum levels of IGF1 and IGF1BP3.

#### Benefits and General Information of Tissue Repair Peptides

- BPC-157 is a partial sequence of body protection compound (BPC) found in human gastric juice. BPC-157 can be used to accelerate healing of a variety of wounds including tendon-to-bone healing and healing of damaged ligaments and acts systematically in the digestive tract to

combat leaky gut, IBS, gastrointestinal cramps and Crohn's disease.

- GHK-Cu is a naturally occurring copper peptide which is naturally produced in many tissues in the body. Copper peptides are like this are naturally occurring protein fragments that have high affinity for copper ions, which are critical to normal body function. GHK-Cu has a variety of roles in the human body including, but not limited to promoting activation of wound healing, attracting immune cells, anti-oxidant and anti-inflammatory effects, and stimulating collagen and glycosaminoglycan synthesis to help reduce wrinkles and fine lines in skin.

### **Benefits of Bremelanotide PT-141**

- PT-141 is also known as Bremelanotide and is most known for its ability to treat sexual dysfunction in men and women. It is a derivative of Melanotan 2. It's a synthetic peptide blend, as it isn't naturally produced in the body like growth hormones are. PT 141 was developed from the Melanotan 2 hormone which is known to help darken pigmentation of the skin. It has often been linked to individuals treating sexual disorders (including ED or hypoactive sexual desire in women).

## **Benefits of Immune Stimulating Peptides**

- Thymosin Alpha-1, or TA1 for short, is a vital peptide comprised of 28 amino acids that is naturally produced within the thymus gland. Located between the lungs and behind the sternum, the thymus is responsible for the maturation and release of T-cells, or important immune cells. TA1 has been recognized to have a significant effect towards the immune system and has been observed to contain antifungal and antibacterial properties that can treat tumor growth, enhance vaccine efficacy, and preserve the body against oxidative damage.<sup>2</sup>

**Risks** The following are examples of some of the possible specific risks/adverse reactions reported for therapy that may be prescribed for me. Some of these risks/adverse reactions are for prescription drugs derived from the official FDA labeling requirements for these drugs. At physiological blood levels, there are not expected to be any significant risks/adverse reactions if full medical disclosure is achieved from the patient during the total time of therapy. By signing this form, I understand the possible risks associated with this treatment.

- For GHS peptides possible adverse reactions include injection site redness, flushing, transient high blood sugar, development of antibodies to GHS peptides, and water retention. These side effects are dose related and usually eliminated by adjusting the dosage. This drug should not be used in patients with known cancer.
- For tissue repair peptides possible adverse reactions include redness, itching, irritation, or inflammation at the site of injection, nausea or upset stomach
- For PT-141 possible adverse reactions include redness, itching, irritation, or inflammation at the site of injection, flushing, nausea, and vomiting.
- For Thymosin Alpha-1, possible adverse reactions include redness and discomfort at the injection site, muscle atrophy, multiple joint aches and pains, and swelling and rash of the hand. CONSENT: REVIEW EACH PART1. I hereby authorize ApexLife Rejuvenation practitioners to prescribe Peptide Therapy.

2. I recognize that during the procedure unforeseen conditions may necessitate different procedures than those above. I therefore authorize ApexLife Rejuvenation or its designers to perform such other procedures that are in the

exercise of his or her professional judgment necessary and desirable. The authority granted under this paragraph shall include all conditions that require treatment and are not known to my provider at the time the procedure is begun.

3. I understand that ApexLife Rejuvenation practitioners will monitor my treatment in an effort to prevent any side effects but cannot guarantee that I will not experience any side effects or adverse reactions. I understand that, as with any health treatment, there is no guarantee I will obtain satisfactory results through the use of this therapy. I understand the use of this treatment does not preclude me from using other treatments as well, though I recognize that I should inform any practitioners I am seeing about the various treatments I am using.

4. I understand and have been advised that I should not receive peptide therapy if I have the following conditions: misusing or dependency on any drug, pregnant, lactating, or planning to become pregnant within the next 8 months, endocrine, psychiatric, or neurological diseases including seizures, hepatic or renal dysfunction, untreated thyroid disease, malabsorptive intestinal disorder, surgically treated obesity, systemic infection or inflammatory disease, significant electrocardiogram, consistent heart rate of more

than 90 beats per minute, HIV infection or serological evidence of hepatitis B or C, cancer within the past 5 years (excluding treated basal cell carcinoma), clinically significant eye disorder, or treatment with a drug known ocular toxic effects.

5. IT HAS BEEN EXPLAINED TO ME IN A WAY THAT I UNDERSTAND:

- a. THE ABOVE TREATMENT OR PROCEDURE TO BE UNDERTAKEN
- b. THERE MAY BE ALTERNATIVE PROCEDURES OR METHODS OF TREATMENT
- c. THERE ARE RISKS TO THE PROCEDURE OR TREATMENT PROPOSED
- d. NOT RECEIVING PEPTIDE THERAPY IS AN OPTION I CONSENT TO THE TREATMENT OR PROCEDURE AND THE ABOVE LISTED ITEMS (1-5). I AM SATISFIED WITH THE EXPLANATION

Print Name \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_