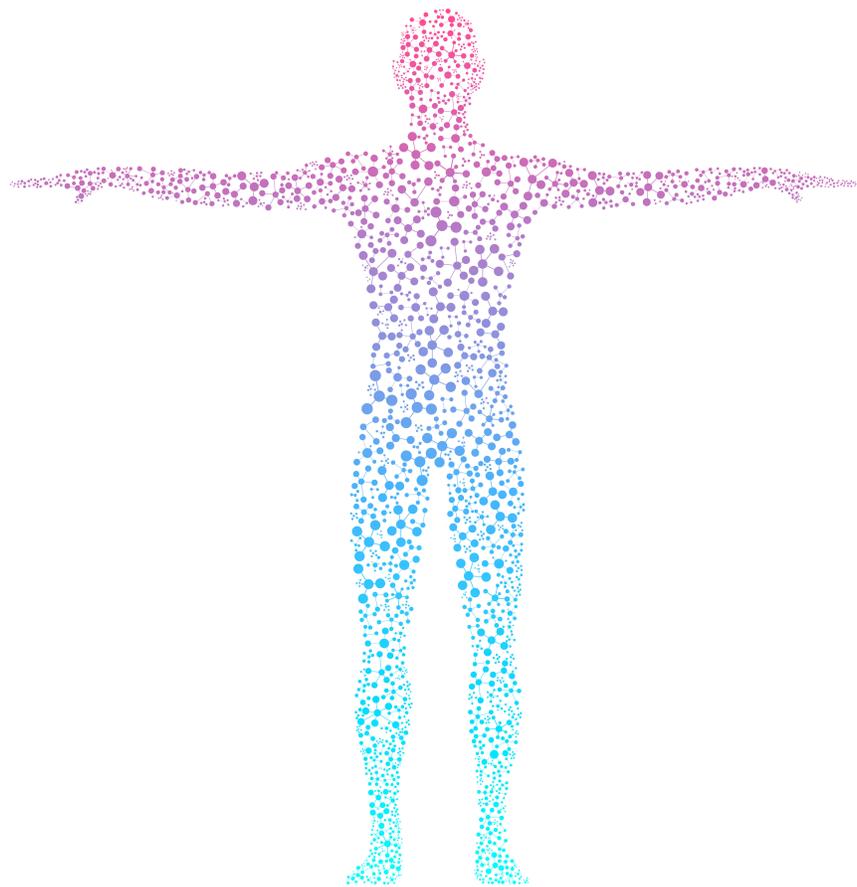


PEPTIDE THERAPY C A T A L O G

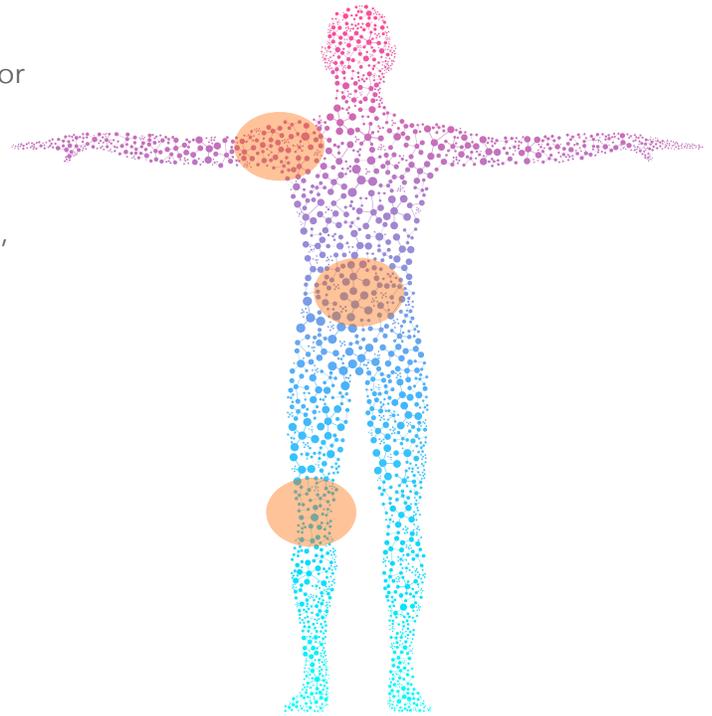


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BENEFITS MAY INCLUDE

- Promotes lipolysis without effecting blood sugar or tissue growth
- Prompts fat release from obese fat cells
- Prevents lipogenesis (fat accumulation)
- Treatment in osteoarthritis, hypercholesterolemia, bone and cartilage repair - results favored when combined with BPC-157
- Boosts the body's metabolism
- Less appetite stimulation



BRIEF OVERVIEW

AOD9604 (Advanced Obesity Drug) is a synthetic peptide fragment that comprises a modified 15 amino acid region of GH with a tyrosine component to help stabilize the molecule. It was originally developed by Professor Frank Ng at Monash University in Australia, with the intent of finding an anti-obesity drug that had the fat burning effects of human growth hormone (HGH) without the muscle-building effect. Similar to GH, AOD9604 aids weight reduction in rodent models of obesity and was originally developed for the treatment of obesity in humans. Additionally, it does not stimulate the production of IGF-1, has positive effects on the differentiation of adipose mesenchymal stem cells into bone, and was found to promote proteoglycan and collagen production in isolated bovine chondrocytes in an in vitro study. Its positive effects include promoting the repair of bone and cartilage in cases of OA.

COMMON FORMULAS & PROTOCOLS

AOD 9604 (6mg) Lyophilized Vial - 300mcg SQ injection daily for 20 days

CLINICAL REFERENCES

1. Heffernan M, et al. "The Effects of Human GH and Its Lipolytic Fragment (AOD9604) on Lipid Metabolism Following Chronic Treatment in Obese Mice and β 3-AR Knock-Out Mice"
2. Stier H, et al. "Safety and Tolerability of the Hexadecapeptide AOD9604 in Humans" *Journal of Endocrinology and Metabolism, North America (2013)*

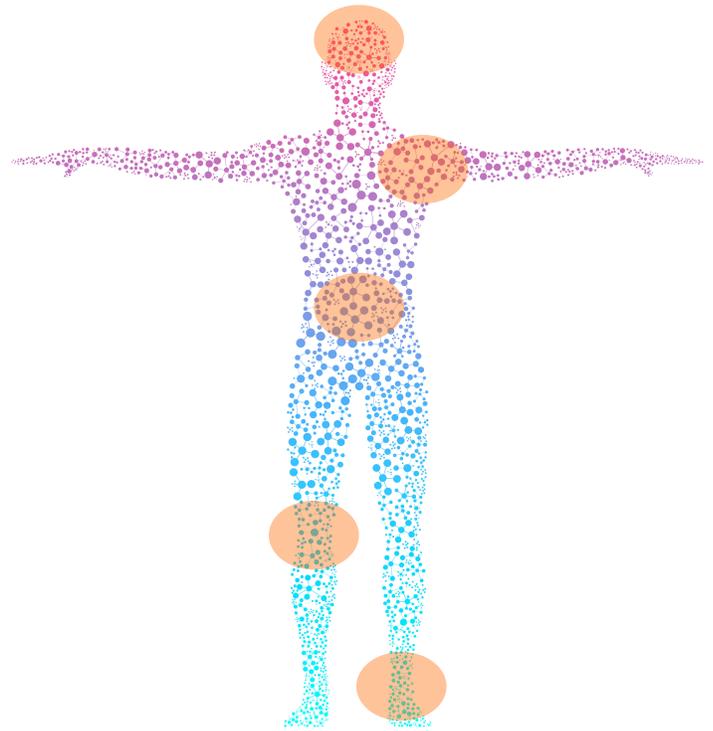
Additional references available. Contact us for more info.



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BENEFITS MAY INCLUDE

- Supports cognitive performance
- Supports joint health
- Protects against drug-induced damage
- Restores the serotonergic transport system
- Protects dopaminergic system
- Enhances the GABAergic system
- Reverse opioid tolerance
- Accelerated wound healing
- Ligament healing (knee, rotary)
- Benefits for ulcers in the stomach
- Benefits for intestinal damage
- May help irritable bowel disease
- Promotes lipolysis
- Improves overall skin appearance
- Repairs skin barrier proteins



BRIEF OVERVIEW

BPC 157, composed of 15 amino acids, is a partial sequence of body protection compound (BPC) that is discovered in and isolated from human gastric juice. Experimentally it has been demonstrated to accelerate the healing of many different wounds, including tendons, muscles, nervous system and superior healing of damaged ligaments. Those who suffer from discomfort due to muscle sprains, tears and damage may benefit from treatment with this peptide. It can also help aid skin burns to heal at a faster rate and increase blood flow to damaged tissues.

COMMON FORMULAS & PROTOCOLS

BPC-157 (10mg) Lyophilized Vial - 300mcg SQ injection nightly for 30 days

BPC-157 (500mcg) Capsule - One capsule daily for 30 days

CLINICAL REFERENCES

1. Cerovecki, Tomislav; Bojanic, Ivan; Brcic, Luka; Radic, Bozo; Vukoja, Ivan; Seiwerth, Sven; Sikiric, Predrag (September 2010). "Pentadecapeptide BPC 157 (PL 14736) improves ligament healing in the rat". *Journal of Orthopaedic Research*. 28 (9): 1155-1161. doi:10.1002/jor.21107. ISSN 1554-527X. PMID 20225319.
2. "Stable gastric pentadecapeptide BPC 157 in trials for inflammatory bowel disease (PL-10, PLD-116, PL 14736, Pliva, Croatia). Full and distended stomach, and vascular response". PMID 17186181.

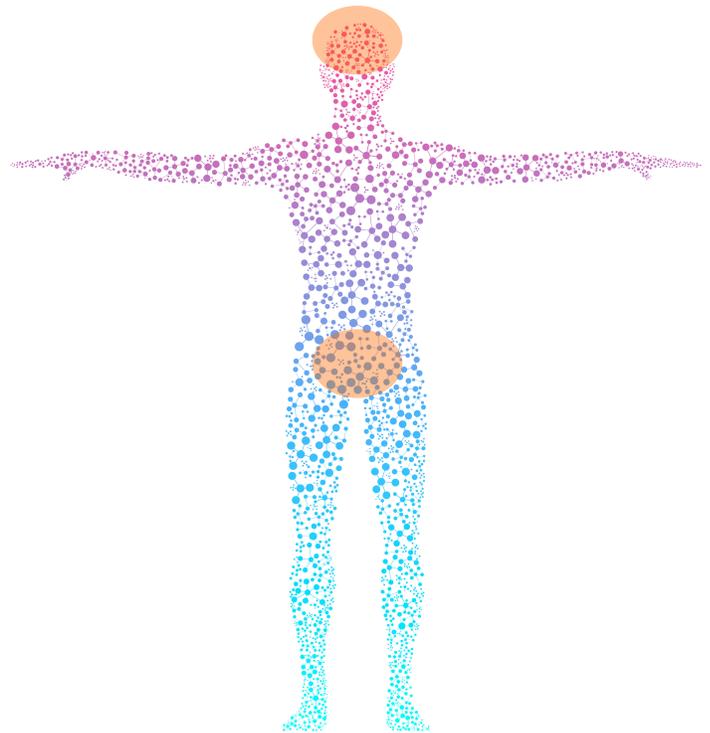
Additional references available. Contact us for more info.



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BENEFITS MAY INCLUDE

- HSDD (hypoactive sexual desire disorder) in premenopausal women.
- Beneficial for low libido (male & female)
- Increase energy
- Beneficial for ED (erectile dysfunction)
- Helps enhance sexual satisfaction
- Skin pigmentation (sunless tanning agent)



BRIEF OVERVIEW

PT-141 (Bremelanotide) is a synthetic peptide developed from Melanotan 2 (MT-II). PT-141 is used for the treatment of erectile dysfunction or impotence in men and HSDD (hypoactive sexual desire disorder) in women. PT-141 is a peptide that was originally developed as a sunless tanning agent. It is a melanocyte-stimulating hormone (MSH) that affects sexual arousal, aiding enhanced libido levels and penile erections. Unlike all PDES inhibitors, PT-141 does not target the vascular system. Instead, it acts on the nervous system via activation of neurons in the hypothalamus to increase sexual desire.

COMMON FORMULAS & PROTOCOLS

Bremelanotide (PT-141) 10,000mcg/ml - 2ml Vial

- 0.1ml SQ injection 30 minutes to 6 hours prior to sexual activity for males
- 0.2ml SQ injection 30 minutes to 6 hours prior to sexual activity for females

Bremelanotide (PT-141) Nasal Spray 10ml Bottle

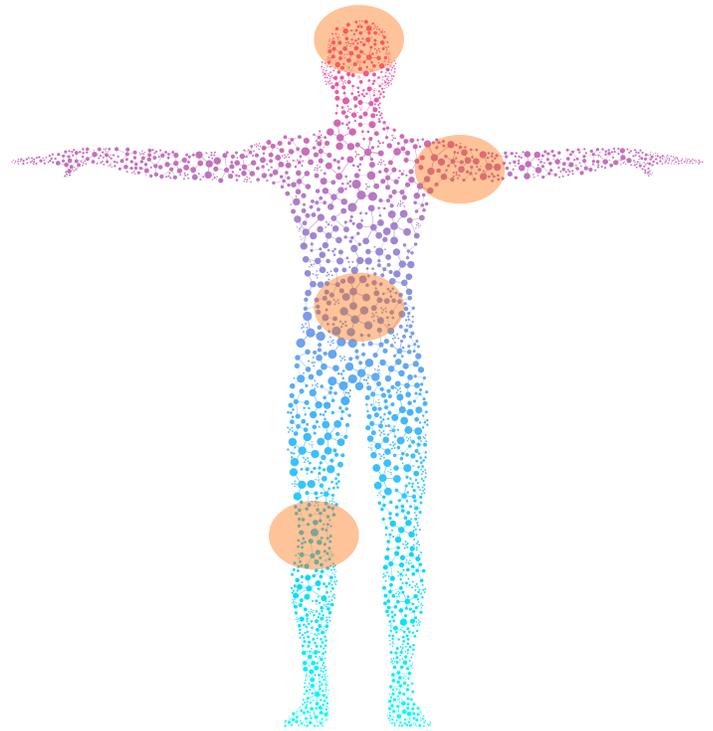
- 2-4 sprays per nostril 30-60 minutes prior to sexual activity

CLINICAL REFERENCES

1. Shadiack AM, Sharma SD, Earle DC, Spana C, Hallam TJ. 2007;7(11):1137-44. Melanocortins in the treatment of male and female sexual dysfunction.
2. Rosen RC¹, Diamond LE, Earle DC, Shadiack AM, Molinoff PB. 2004 Apr;16(2):135-42. Evaluation of the safety, pharmacokinetics and pharmacodynamic effects of subcutaneously administered PT-141, a melanocortin receptor agonist, in healthy male subjects and in patients with an inadequate response to Viagra.

BENEFITS MAY INCLUDE

- Increased protein synthesis
- Promotes lipolysis
- Improves sleep quality
- Increased bone density
- Accelerated injury recovery
- Improved immune system
- Increased protein synthesis
- Increased energy
- Increased IGF-1
- Increase in lean body mass



BRIEF OVERVIEW

CJC-1295 is 30 amino acid peptide hormone that has shown promising and amazing results as a Growth Hormone Releasing Hormone (GHRH) analog. Research supports that CJC-1295 stimulates HGH secretion and can provide a steady increase of HGH with minimal effect on cortisol and prolactin levels. This means increased protein synthesis thus promoting growth and fat loss simultaneously.

COMMON FORMULAS & PROTOCOLS

CJC-1295 / Ipamorelin - 10u SQ injection 5 days on, 2 days off

CLINICAL REFERENCES

1. Teichman, Sam L.; Neale, Ann; Lawrence, Betty; Gagnon, Catherine; Castaigne, Jean-Paul; Frohman, Lawrence A. (2006). "Prolonged Stimulation of Growth Hormone (GH) and Insulin-Like Growth Factor I Secretion by CJC-1295, a Long-Acting Analog of GH-Releasing Hormone, in Healthy Adults". *The Journal of Clinical Endocrinology & Metabolism*. 91 (3): 799-805. doi:10.1210/jc.2005-1536. ISSN 0021-972X. PMID 16352683.
2. Ionescu, Madalina; Frohman, Lawrence A. (2006). "Pulsatile Secretion of Growth Hormone (GH) Persists during Continuous Stimulation by CJC-1295, a Long-Acting GH-Releasing Hormone Analog". *The Journal of Clinical Endocrinology & Metabolism*. 91 (12): 4792-4797. doi:10.1210/jc.2006-1702. ISSN 0021-972X.

BENEFITS MAY INCLUDE

- Improves cognitive function
- Helps in the treatment of Alzheimer's Disease and Parkinson's Disease
- Improves long and short-term memory
- Helps manage depression
- Enhances creative thinking and social interaction
- Improved heart health
- Improves brain focus



BRIEF OVERVIEW

Dihexa, also known as N-hexanoic-Tyr-Ile-(6) aminohexanoic amide, is an oligopeptide drug derived from angiotensin IV that binds with high affinity to hepatocyte growth factor (HGF) and potentiates its activity at its receptor, c-Met. Dihexa has been found to potently improve cognitive function in animal models of Alzheimer's disease-like mental impairment. In an assay of neurotrophic activity, Dihexa was found to be seven orders of magnitude more potent than brain-derived neurotrophic factor. An orally active, blood-brain barrier permeable compound was subsequently developed with the potential to treat Alzheimer's disease and other disorders that would benefit from augmented synaptic connectivity.

COMMON FORMULAS & PROTOCOLS

Dihexa (10mg) Capsule - One capsule daily for 30 days

Dihexa (20mg) Capsule - One capsule daily for 30 days

Dihexa Cream - 20mg/ml - Apply to skin daily

CLINICAL REFERENCES

1. Joseph W. Harding; John W. Wright; Caroline C. Benoist; Leen H. Kawas; Gary A. Wayman (3 December 2013). "Patent US 8598118 - Hepatocyte growth factor mimics as therapeutic agents". Retrieved 11 October 2015.
2. Alene T. McCoy; Caroline C. Benoist; John W. Wright; Leen H. Kawas; Jyote Bule-Ghogare; Mingyan Zhu; Suzanne M. Appleyard; Gary A. Wayman; Joseph W. Harding (January 2013). "Evaluation of metabolically stabilized angiotensin IV analogs as pro-cognitive/anti-dementia agents". *The Journal of Pharmacology and Experimental Therapeutics*. 344 (1): 141-154. doi: 10.1124/jpet.112.199497. PMC 3533412. PMID 23055539.

Additional references available. Contact us for more info.



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BENEFITS MAY INCLUDE

- Repairs skin barrier proteins
- Improved skin elasticity and firmness
- Reduces hyper-pigmentation and skin spots
- Stimulates skin collagen
- Improves overall skin appearance
- Reduces inflammation
- Improves wound healing and reduce infections
- Increases hair growth and follicle size



BRIEF OVERVIEW

GHK-Cu is a tripeptide with the amino acid sequence glycyl-histidyl-lysine. It naturally occurs in human plasma. It has also been found in saliva, and urine. In plasma the level of GHK declines as you age. This decline in the GHK-level coincides with the noticeable decrease in regenerative capacity of an organism. GHK-Cu functions as a complex with copper stimulates collagen production, accelerates wound healing and contraction, improves the take of transplanted skin, and also possesses anti-inflammatory properties.

COMMON FORMULAS & PROTOCOLS

GHK-Cu (5mg/ml) Cream (facial) - Apply 1-2 pumps daily for 30 days

GHK-Cu (5mg/ml) Foam (scalp) - Apply 1ml to scalp nightly for 30 days

GHK-Cu (10mg/ml) - 20u SQ injection daily

CLINICAL REFERENCES

1. L. Pickart, J. H. Freedman, W. J. Loker et al., "Growth-modulating plasma tripeptide may function by facilitating copper uptake into cells," *Nature*, vol. 288, no. 5792, pp. 715-717, 1980.
2. D. Downey, W. F. Larrabee Jr., V. Voci, and L. Pickart, "Acceleration of wound healing using glycyl-histidyl-lysine copper (II)," *Surgical Forum*, vol. 25, pp. 573-575, 1985.
3. H. Ehrlich, "Stimulation of skin healing in immunosuppressed rats," in *Proceedings of the Symposium on Collagen and Skin Repair*, Reims, France, September 1991.

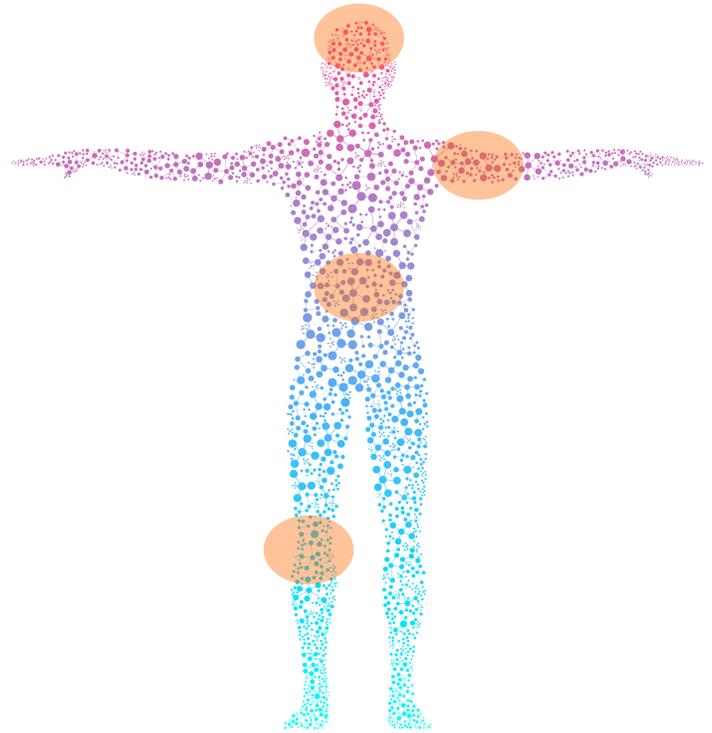
Additional references available. Contact us for more info.



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BENEFITS MAY INCLUDE

- Promotes lipolysis
- Increased bone density
- Increase in lean body mass
- Increase muscle mass
- Improves sleep quality
- Increased energy
- Increased endurance
- Improved cellular repair
- Increased IGF-1
- Supports cognitive performance
- Supports joint health



BRIEF OVERVIEW

Ibutamoren (MK-677) is a potent, long-acting, orally-active, selective, and non-peptide agonist of the ghrelin receptor and a growth hormone secretagogue, mimicking the growth hormone (GH)-stimulating action of the endogenous hormone ghrelin. It has been shown to increase the secretion of several hormones including GH and insulin-like growth factor 1 (IGF-1) and produces sustained increases in the plasma levels of these hormones without affecting cortisol levels.

COMMON FORMULAS & PROTOCOLS

Ibutamoren (MK-677) 12.5mg Capsule - One capsule daily on an empty stomach for 30 days

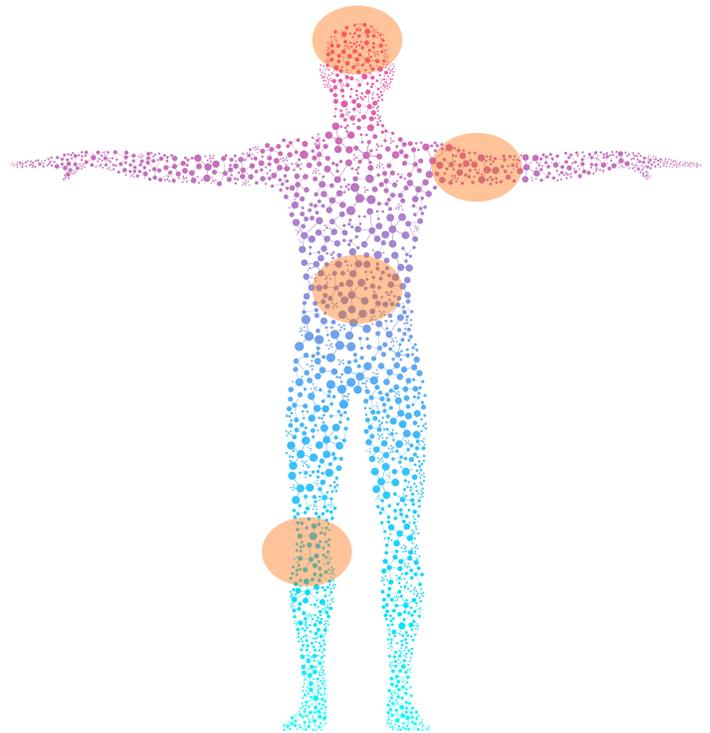
Ibutamoren (MK-677) 25mg Capsule - One capsule daily on an empty stomach for 30 days

CLINICAL REFERENCES

1. Patchett AA, Nargund RP, Tata JR, Chen MH, Barakat KJ, Johnston DB, Cheng K, Chan WW, Butler B, Hickey G (July 1995). "Design and biological activities of L-163,191 (MK-0677): a potent, orally active growth hormone secretagogue". Proceedings of the National Academy of Sciences of the United States of America. 92 (15): 7001-5. doi:10.1073/pnas.92.15.7001. PMC 41459.
2. Chapman IM, Pescovitz OH, Murphy G, Treep T, Cerchio KA, Krupa D, Gertz B, Polvino WJ, Skiles EH, Pezzoli SS, Thorner MO (October 1997). "Oral administration of growth hormone (GH) releasing peptide-mimetic MK-677 stimulates the GH/insulin-like growth factor-I axis in selected GH-deficient adults". The Journal of Clinical Endocrinology and Metabolism. 82 (10): 3455-63. doi:10.1210/jc.82.10.3455. PMID 9329386.

BENEFITS MAY INCLUDE

- Promotes lipolysis
- Increased collagen production
- Increase in lean body mass
- Improves sleep quality
- Increased energy
- Increased endurance
- Improved cellular repair
- Increased IGF-1
- Counteracts glucocorticoid catabolic effects
- Less appetite stimulation
- Less release of cortisol, prolactin and aldosterone



BRIEF OVERVIEW

Ipamorelin is a pentapeptide (Aib-His-D-2-Nal-D-Phe-Lys-NH₂) and a ghrelin mimetic with growth hormone (GH) releasing activity. Ipamorelin mimics ghrelin and binds to the ghrelin receptor (or GH secretagogue receptor, GHSR) in the brain, thereby selectively stimulating the release of GH from the pituitary gland. This results in increased plasma GH levels, which would affect many biological processes. Besides its presence in the brain, GHSR can also be found in the gastrointestinal tract, heart, lung, liver, kidney, pancreas, adipose tissue and immune cells. Unlike other GH releasing peptides, Ipamorelin only stimulates GH release in a manner very similar to that of growth hormone releasing hormone.

COMMON FORMULAS & PROTOCOLS

Ipamorelin / Sermorelin 9mg/9mg - 30u SQ at bedtime 5days on, 2 days off

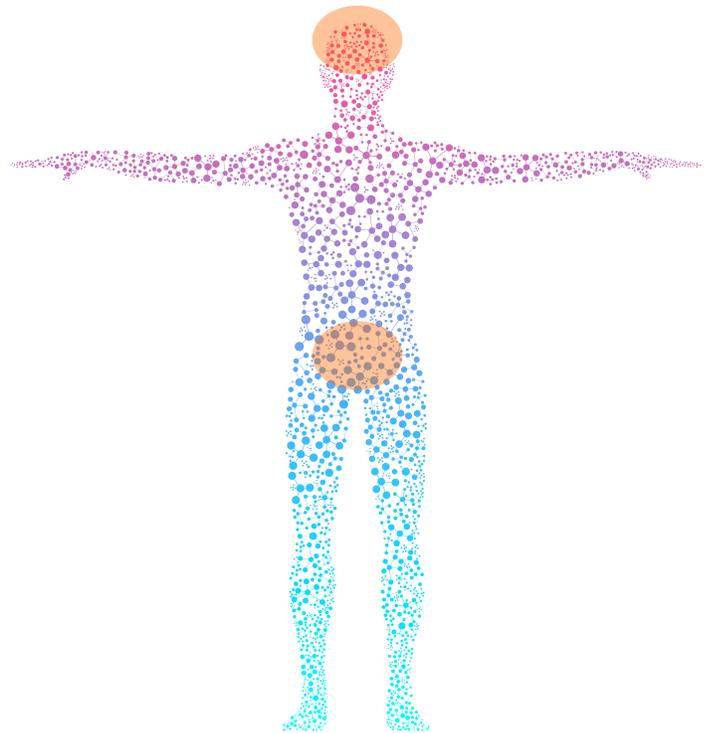
CJC / Ipamorelin 2mg/2mg - 10u SQ injection at bedtime 5days on, 2 days off

CLINICAL REFERENCES

1. Gobburu, Jogarao V. S.; Agersø, Henrik; Jusko, William J.; Ynddal, Lars (1999). "Pharmacokinetic Modeling of Ipamorelin, a Growth Hormone Releasing Peptide, in Human Volunteers". *Pharmaceutical Research*. 16 (9): 1412-1416. doi:10.1023/A:1018955126402. ISSN 0724-8741.
2. Raun, K; Hansen, B.; Johansen, N.; Thogersen, H; Madsen, K; Ankersen, M; Andersen, P. (1998). "Ipamorelin, the first selective growth hormone secretagogue". *European Journal of Endocrinology*. 139 (5): 552-561. doi:10.1530/eje.0.1390552. ISSN 0804-4643.

BENEFITS MAY INCLUDE

- Evokes luteinizing hormone secretion
- Increases Testosterone
- Increases follicle stimulating hormone
- Increased energy
- Reverse effects of hypogonadotropic hypogonadism
- Increases aldosterone production
- Improves cognitive function



BRIEF OVERVIEW

Kisspeptins are a family of peptide hormones, which have been shown to play a critical role in the regulation of the hypothalamic-pituitary-gonadal axis, thus influencing fertility and reproduction. In 1996, a research team at the University of Pennsylvania (Hershey, PA, USA) first identified the Kisspeptin gene (KISS1 - named after the most famous local product Hershey's Kisses) for its anti-metastatic properties in malignant melanoma . Later on Kisspeptin-based studies have identified a role in idiopathic hypogonadotrophic hypogonadism, hypothalamic amenorrhoea, hyperprolactinaemia, in vitro fertilisation, polycystic ovarian syndrome and psychosexual disorders.

COMMON FORMULAS & PROTOCOLS

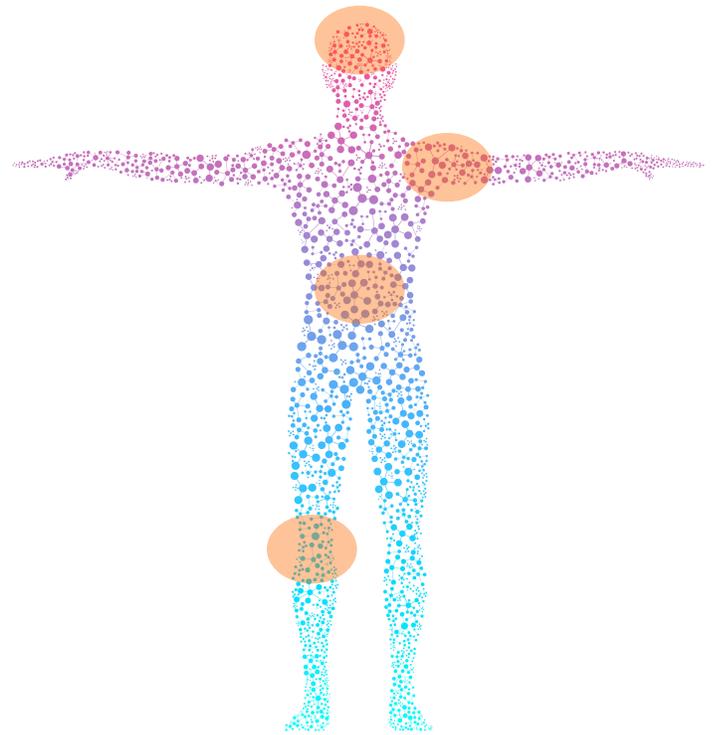
Kisspeptin (100mcg/ml) 5ml Vial - 0.1ml SQ injection 2-3 times per week

CLINICAL REFERENCES

1. J. T. George, J. D. Veldhuis, A. K. Roseweir, C. L. Newton, E. Faccenda, R. P. Millar,* and R. A. Anderson; "Kisspeptin-10 Is a Potent Stimulator of LH and Increases Pulse Frequency in Men"; doi: 10.1210/jc.2011-0089
2. C. N. Jayasena , A. N. Comninou , J. D. Veldhuis, S. Misra, A. Abbara, C. Izzi-Engbeaya, M. Donaldson, M. A. Ghatei, S. R. Bloom, W. S. Dhillon; "A single injection of kisspeptin-54 temporarily increases luteinizing hormone pulsatility in healthy women"; doi.org/10.1111/cen.12179

BENEFITS MAY INCLUDE

- Increase in lean body mass
- Promotes lipolysis
- Increased energy
- Increased strength
- Accelerated wound healing
- Improved cardiovascular and immune function
- Improves sleep quality
- Improved bone density
- Improved skin quality and higher collagen density
- Increased IGF-1



BRIEF OVERVIEW

Sermorelin (brand names Geref), is a peptide analogue of growth hormone-releasing hormone (GHRH) which is used as a diagnostic agent to assess growth hormone (GH) secretion for the purpose of diagnosing growth hormone deficiency. It is a 29-amino acid polypeptide representing the 1-29 fragment from endogenous human GHRH, thought to be the shortest fully functional fragment of GHRH.

COMMON FORMULAS & PROTOCOLS

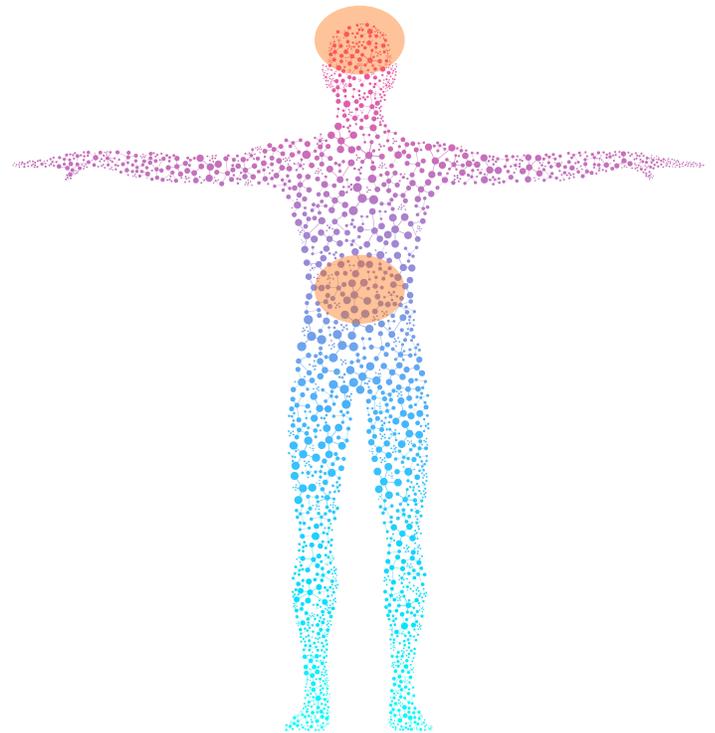
Sermorelin / Ipamorelin - 9mg/9mg - 20u subq-injection every night

CLINICAL REFERENCES

1. Prakash A, Goa KL (August 1999). "Sermorelin: a review of its use in the diagnosis and treatment of children with idiopathic growth hormone deficiency". *BioDrugs*. 12 (2): 139-57. doi:10.2165/00063030-199912020-00007. PMID 18031173.
2. *Pharmacology* (Rang, Dale, Ritter & Moore, ISBN 0-443-07145-4, 5th ed., Churchill Livingstone 2003).

BENEFITS MAY INCLUDE

- Modulates immune function and inflammation
- Improved chronic fatigue
- Suppresses tumor growth
- Improved autoimmune function
- Anti-fungal and anti-bacterial properties
- Protects against oxidative damage
- Lyme Disease treatment
- Increases vaccine effectiveness
- Helps eliminate unhealthy cells and stop infection or cancer growth



BRIEF OVERVIEW

Thymosin Alpha-1 has been known as an excellent immune modulator. Thymosin is a small protein produced naturally by the thymus gland which stimulates the development of disease-fighting T cells. The thymus is an integral part of your immune system, where individual T-cells are made to respond to the millions of bacteria, fungi, or viruses that could invade your body. Commonly prescribed for the treatment for chronic viral diseases, Thymosin Alpha-1 has also been shown to increase innate immunity factors and help fight against harmful autoimmune processes. It is given to help control inflammation associated with chronic diseases, which can cause excess fatigue.

COMMON FORMULAS & PROTOCOLS

Thymosin Alpha-1 (15mg) Vial - 15u SQ injection daily for 30 days

CLINICAL REFERENCES

1. You J, Zhuang L, Cheng HY, Yan SM, Yu L, Huang JH, Tang BZ, Huang ML, Ma YL, Chongsuivatwong V, et al. World J Gastroenterol. Efficacy of thymosin alpha-1 and interferon alpha in treatment of chronic viral hepatitis B: 2006 Nov 7; 12(41): 6715-21.
2. Sherman KE, Sjogren M, Creager RL, Damiano MA, Freeman S, Lewey S, Davis D, Root S, Weber FL, Ishak KG, et al. Hepatology. Combination therapy with thymosin alpha1 and interferon for the treatment of chronic hepatitis C infection: a randomized, placebo-controlled double-blind trial. 1998 Apr; 27(4):1128-35.

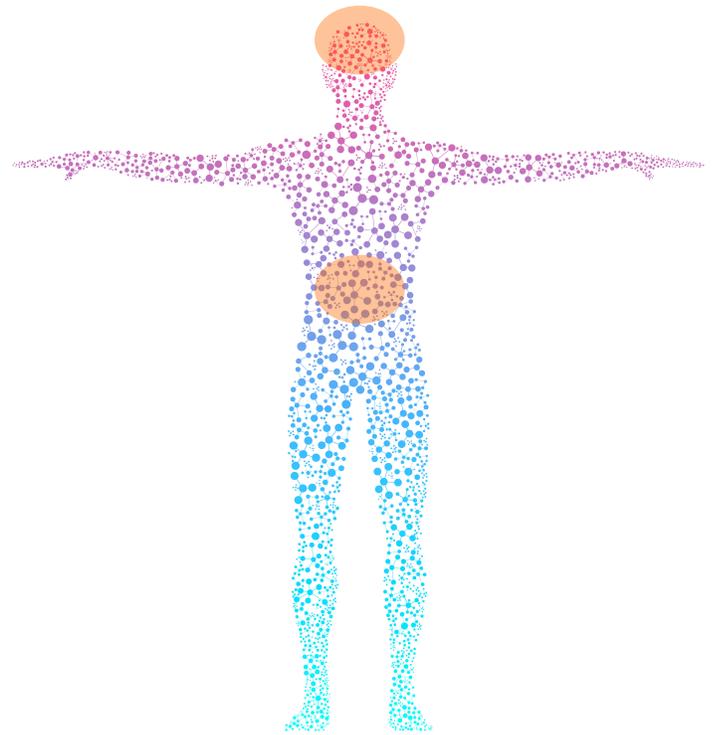
Additional references available. Contact us for more info.



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BENEFITS MAY INCLUDE

- Modulates immune function and inflammation
- Improved chronic fatigue
- Improved muscle tone
- Suppresses muscle spasms
- Improved autoimmune function
- Anti-fungal and anti-bacterial properties
- Protects against oxidative damage
- Lyme Disease treatment
- Improved joint & tissue repair
- Increase in endurance and strength
- Helps prevent the formation of adhesions and fibrous bands in muscles, tendons & ligaments



BRIEF OVERVIEW

Thymosin Beta-4 has been known as an excellent immune modulator. Thymosin is a small protein produced naturally by the thymus gland which stimulates the development of disease-fighting T cells. The thymus is an integral part of your immune system, where individual T-cells are made to respond to the millions of bacteria, fungi, or viruses that could invade your body. The main mechanisms of action of is its regulation of Actin. This cell-building protein is an essential component of cell structure and movement which assists in joint, tissue, muscle and ligament repair. Thymosin Beta-4 plays a crucial role in protecting, regenerating, and remodeling of injured or damaged tissues. After an injury, Thymosin Beta-4 is released by platelets and numerous other types of cells to protect the most damaged cells and tissues. Some studies show it reduces inflammation and microbial growth.

COMMON FORMULAS & PROTOCOLS

Thymosin Beta-4 (15mg) vial - 25u SQ injection for 20 days

CLINICAL REFERENCES

1. Gómez-Márquez J, Dosil M, Segade F, Bustelo XR, Pichel JG, Dominguez F, Freire M (Oct 1989). "Thymosin-beta 4 gene. Preliminary characterization and expression in tissues, thymic cells, and lymphocytes". *Journal of Immunology*. 143 (8): 2740-4. PMID 2677145.
2. Gondo H, Kudo J, White JW, Barr C, Selvanayagam P, Saunders GF (Dec 1987). "Differential expression of the human thymosin-beta 4 gene in lymphocytes, macrophages, and granulocytes". *Journal of Immunology*. 139 (11): 3840-8. PMID 3500230.

Additional references available. Contact us for more info.



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BENEFITS MAY INCLUDE

- Improves hair growth
- Prevent hair loss
- Improves endogenous hair pigmentation
- Treatment for androgenic alopecia
- Useful for both male and female
- Can be combined with alternate hair growth protocols



BRIEF OVERVIEW

Zinc Thymulin (also known as thymic factor) is a nonapeptide produced by two distinct epithelial populations in the thymus first described by Bach in 1977. Its biological activity and antigenicity depend upon the presence of the metal zinc in the molecule. This pharmacologically active metallopeptide induces the differentiation of T-cells and enhances several functions of the various T-cell subsets in normal or partially thymus-deficient recipients. Zinc Thymulin has been used for the treatment of hair loss. A recent study indicated that topical treatment with zinc thymulin increased hair growth over 6 months; furthermore, there were no systemic or local side effects from the treatment. The zinc thymulin metallo-peptide optionally also improves endogenous hair pigmentation by stimulating melanogenesis in grey hair.

COMMON FORMULAS & PROTOCOLS

Zinc Thymulin Topical 50mcg/ml Foam (scalp) 30ml Bottle - Apply 1ml to scalp nightly before bed

CLINICAL REFERENCES

1. Meier N, Langan D, Hilbig H, Bodo E, Farjo NP, et al. (2012) Thymic peptides differentially modulate human hair follicle growth. *J Invest Dermatol* 132: 1516-1519.
2. Renner D, Schuster D, Heim ME (1986) Experiences using the "thymu-skin" hair cure for the prevention of alopecia in cytostatic treatment. *Onkologie* 5: 285-286

AOD 9604

1. Ng F.M. · Sun J. · Sharma L. · Libinaka R. · Jiang W.J. · Gianello R. Metabolic Studies of a Synthetic Lipolytic Domain (AOD9604) of Human Growth Hormone doi.org/10.1159/000053183

BPC-157

1. Sikiric P, et al. Brain-gut Axis and Pentadecapeptide BPC 157: Theoretical and Practical Implications. *Curr Neuropharmacol.* (2016)
2. Klicek R, et al. Stable gastric pentadecapeptide BPC 157 heals cysteamine-colitis and colon-colon-anastomosis and counteracts cuprizone brain injuries and motor disability. *J Physiol Pharmacol.* (2013)
3. Chang CH, et al. The promoting effect of pentadecapeptide BPC 157 on tendon healing involves tendon outgrowth, cell survival, and cell migration. *J Appl Physiol* (1985). (2011)
4. Staresinic M, et al. Gastric pentadecapeptide BPC 157 accelerates healing of transected rat Achilles tendon and in vitro stimulates tendocytes growth. *J Orthop Res.* (2003)
5. Jenkins TA, et al. Influence of Tryptophan and Serotonin on Mood and Cognition with a Possible Role of the Gut-Brain Axis. *Nutrients.* (2016)

BREMELANOTIDE (PT-141)

1. Anita H Clayton*, Stanley E Althof, Sheryl Kingsberg, Leonard R DeRogatis, Robin Kroll, Irwin Goldstein, Jed Kaminetsky, Carl Spana, Johna Lucas, Robert Jordan, David J Portman 2016 - Bremelanotide for Female Sexual Dysfunctions in Premenopausal Women: A Randomized, Placebo-Controlled Dose-Finding Trial
2. D.C. Earlea, W.D. Garciab, C. Spanaa Co-administration of low doses of intranasal PT-141, a melanocortin receptor agonist, and sildenafil to men with erectile dysfunction results in an enhanced erectile response <https://doi.org/10.1016/j.urology.2004.10.060>

CJC-1295

1. Teichman, Sam L.; Neale, Ann; Lawrence, Betty; Gagnon, Catherine; Castaigne, Jean-Paul; Frohman, Lawrence A. (2006). "Prolonged Stimulation of Growth Hormone (GH) and Insulin-Like Growth Factor I Secretion by CJC-1295, a Long-Acting Analog of GH-Releasing Hormone, in Healthy Adults". *The Journal of Clinical Endocrinology & Metabolism.* 91 (3): 799-805. doi:10.1210/jc.2005-1536. ISSN 0021-972X. PMID 16352683.
2. Ionescu, Madalina; Frohman, Lawrence A. (2006). "Pulsatile Secretion of Growth Hormone (GH) Persists during Continuous Stimulation by CJC-1295, a Long-Acting GH-Releasing Hormone Analog". *The Journal of Clinical Endocrinology & Metabolism.* 91 (12): 4792-4797. doi:10.1210/jc.2006-1702. ISSN 0021-972X.
3. Henninge, John; Pepaj, Milaim; Hullstein, Ingunn; Hemmersbach, Peter (2010). "Identification of CJC-1295, a growth-hormone-releasing peptide, in an unknown pharmaceutical preparation". *Drug Testing and Analysis.* 2 (11-12): 647-650. doi:10.1002/dta.233. ISSN 1942-7603.
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DIHEXA

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