

29 NEXENTURY

Leptin II



Clinical Study Leptin II

The 2nd Generation Leptin

Conducted By:



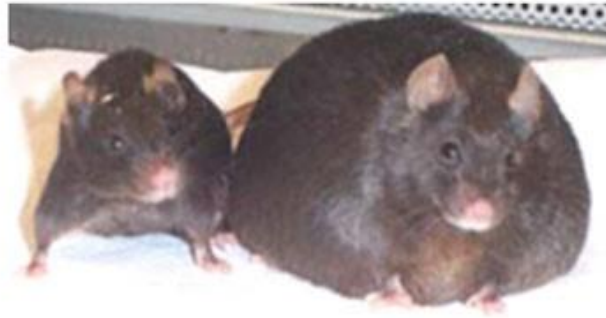
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Introduction



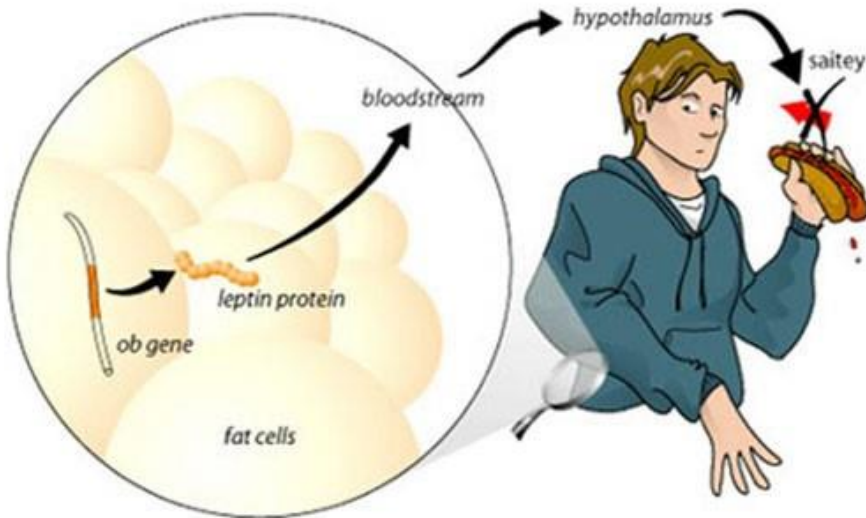
Leptin II is a 2nd generation of Leptin which has been genetically modified. Apart from its known appetite suppressing effects, it can now extract the contents of fat cells when treated to the fat layer. Together with Hoodia Gordonii extracts from South African Cactus, Leptin II is the only local lipolytic treatment combining these 2 powerful compounds, exerting amazing lipolytic effects 2 days post treatment, with reduction in measurement (of the treated site) as much as 1-3 inches (varies depending on individual fat structure).

Leptin !!



Leptin is a hormone comprised of 167 amino acids, which is secreted by the fat cells. It is discovered in 1994 by a molecular geneticist of Rockefeller University, USA – Prof. Jeffrey M. Friedman. He found that leptin is able to control the intake and usage of calories in animals and proven that injection of leptin will help to shrink the fat cells in rats (left rat in the above diagram is leptin injected rat).

Leptin eliminates appetite and increase metabolic rate by inhibiting the secretion of Neuropeptide Y and Anandamide by hypothalamus while increasing the secretion of α -MSH.



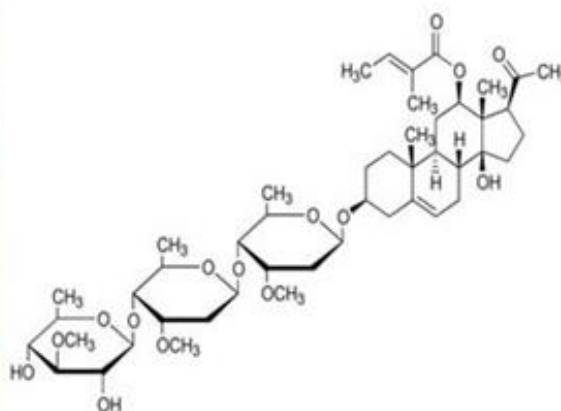
Following the discovery , leptin has been used clinically in the treatment of congenital obesity. The following are the efficacies following 4 years of leptin treatment :



1) Congenital Leptin Deficiency Due to Homozygosity for the 133G Mutation: Report of Another Case and Evaluation of Response to Four Years of Leptin Therapy William T. Gibson, I. Sadaf Farooqi, Mary Moreau, Alex M. DePaoli, Elizabeth Lawrence, Stephen O'Rahilly and Rebecca A. Trussell University Department of Clinical Biochemistry, Cambridge Institute for Medical Research, Addenbrooke's Hospital (W.T.G., I.S.F., S.O.), Cambridge, United Kingdom CB2 2XY; Department of Pediatric Endocrinology, Alberta Children's Hospital (M.M., R.A.T.), Calgary, Alberta, Canada T2T 5C7; and Amgen, Inc. (A.M.D., E.L.), Thousand Oaks, California 91320-1799

2) http://www.pnas.org/content/110/11/34531.abstract?ikey=6061d0f896f75899e3c19421217be47917bb808d&keytype2=if_ipsecsha

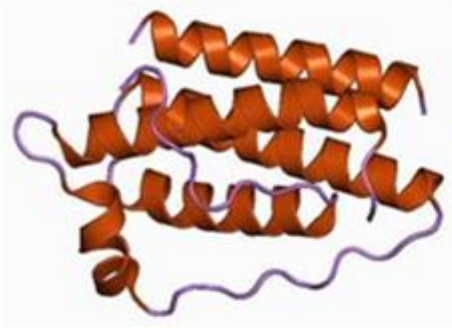
P57 Hoodia Gordonii Extracts:



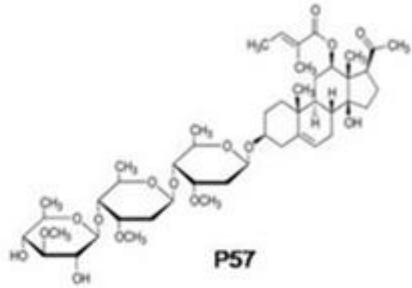
An extract from Hoodia Gordonii, a touch south African cactus. This extract is a neuro-inhibitor which has been controlled by US FDA, in suppressing the appetite by affecting the appetite centre of the brain. It has been used for hundreds of years by southern African aborigines to suppress the hunger when they go for long distance/period of hunting voyage. It also reduce calories intake while suppressing appetite, which further strengthen its efficacies in slimming.

Leptin II

The Latest Generation of Leptin ! !

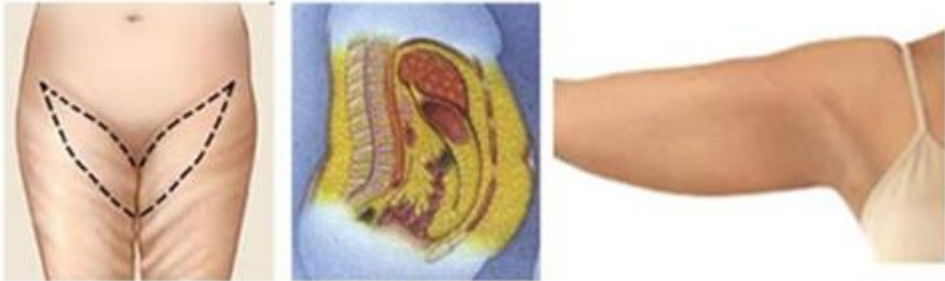


Leptin



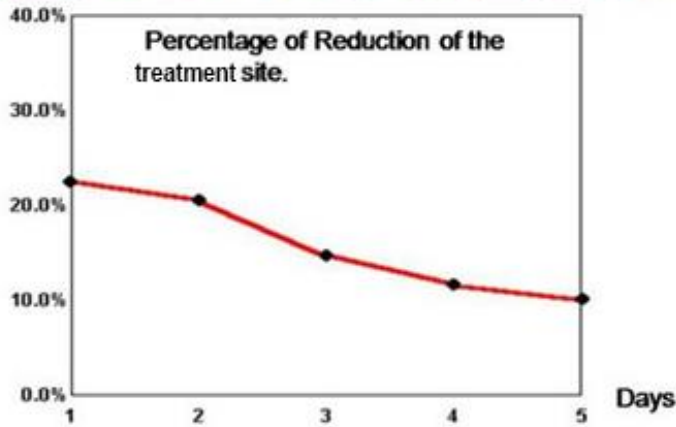
Leptin II is the only lipolytic formulation which combines the above formulations to exert amazing local lipolysis in 2 days, reducing the measurement of treatment site as much as 1-3 inches (depending on individual lipid profile).

Clinical Study



This clinical study evaluates the efficacies of Leptin II in different type of obesity. There are 400 subjects (250 females and 150 males) age from 21-55. 25% of these subjects have localized fat on the thigh, 50% on the waist and another 25% on the arm. Measurements are taken prior to the treatment of Leptin II and depending on the fat profile treatment are administered at 1.5-3cm spacing with 0.5-1ml of Leptin II per point of treatment. The treatments shall scatter across the locally accumulated fat Surface and measurements shall be taken again 2 days post treatment.

Result



85% of subjects revealed reduction or loss of appetite 2 days after treatment of Leptin II, without any discomforts related to Leptin II. Measurements of the treatment site shows reduction of 6-10% 3 days post treatment, which is equivalent to reduction of 1-3 inches, exhibiting the safe and effective lipolysis of Leptin II which starts from day 1 post treatment. The following are before and after pictures of some subjects.

Thigh: before (Left) and 5 days later (right)



Thigh: before (left) and after (right)



Abdomen: Before (left) and After (right)



Abdomen: Before (left) and After (right)



Arm: Before (left) and After (right)



Arm: Before (left) and After (right)



Others

Leptin II at minute quantity can also be used to remove fats which cause double chin.
The following are some of the results:



Conclusion

The special formulation in Leptin II can exert superb lipolytic effects within 48 hours, which contributes to 1-3 inches reduction of the treatment site 1-3 days after treatment without causing any discomforts. Higher dosage is indicated for removal of stubborn fat, while at the same time suppress the appetite centre in the brain. This shall monitor the calories intake to avoid rebound of obesity. Hence, it is the best, latest generation lipolytic formulation with excellent and long lasting slimming efficacies.

