



Novel Combination of Fenugreek & Black Musali



Healthy testosterone levels influence a broad range of men's health goals, from maintaining healthy sexual function to supporting optimal athletic performance as well as vitality, vigor and endurance.

Cepharm and Chemical Resources R&D has developed a unique combination of extracts of *Curculigo orchioides* Gaertn (family Hypoxidaceae, root) and *Trigonella foenum-graecum* (family, Fabaceae, seed) to achieve a wholesome, multi-path activating ingredient for men's health goals. The ingredients are protected by several US and worldwide patents.

The **testncrease**® is composed of 400 mg of *Trigonella foenum-graecum* extract and 50 mg of *Curculigo orchioides* extract. The recommended dosage is 450 mg of combination per day, divided in two servings.



Cepharm Inc. | 142 Belmont Drive, Unit 14, Somerset NJ 08873
Tel: (201) 255-6011 | Fax: (201) 255-6012 | info@cepharm.com | www.cepharm.com

*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

Key benefits of testncrease®

- Significantly raises free Testosterone*
- Elevates stamina*
- Boosts energy*

Cephram R&D has carried out extensive animal safety studies and efficacy studies on individual ingredients as well as the combination. The final data is backed by double-blind, placebo control human study.

The Curculigo orchoides extract is standardized for Curculigosides. These have diversified health benefits especially in promoting endurance, vigor and vitality, as well as to promote healthy free testosterone levels. It has also been found to support healthy athletic performance, as well as balanced energy and mood. Curculigosides work in-conjunction with body's immune system, optimally balancing body's hormonal, circulatory and cardiovascular physio-chemical performance.

The Trigonella foenum-graecum is standardized for protodioscin. Protodioscin is known to promote healthy testosterone levels. It has also been found to support healthy athletic performance, as well as balanced energy and mood. These effects are connected to protodioscin's activities in both hormonal and circulatory systems.

Clinical Study Results:

1. A multicentric randomized Double blind placebo controlled comparative study was carried out.
2. The test subjects were healthy volunteers with average age of 40 years. No data was recorded for exercise.
3. The free testosterone level of the study population at baseline was 8.5 ng/dl which was significantly increased to 14.80 ng/dl by the completion of the treatment with the testncrease®. Comparable placebo arm did not show a significant rise in free testosterone levels.

OUTCOME MEASURE	BASELINE (0 weeks)		FINAL (12 weeks)		CHANGE	
	Placebo	Treatment Group	Placebo	Treatment Group	Placebo	testncrease®
Primary Outcome Measure 1 (Free Testosterone, ng/dL)	9.41	8.50	11.80	14.80	2.39	6.30
Primary Outcome Measure 2 (Erectile Function)	12	11	14	18	2	7
Primary Outcome Measure 3 (Overall Satisfaction)	9	11	13	23	4	12

Proposed mechanism of action for testncrease®:

- [1] Stimulation of 5-alpha-reductase, which causes the conversion of testosterone to DHT. The DHT stimulates the production of Androgen Binding Protein (ABP) in the Sertoli cells. Increased ABP production results in increased formation of DHT-ABP complex, which stimulates spermatogenesis in the germinal cells. Another fraction of the DHT-ABP complex is transported to the epididymis, which increases the efficiency of the maturation of spermatozoa into fertile sperms*.
- [2] Stimulation of hypothalamus resulting in secretion of luteinizing hormone (LH)*
- [3] Partial inhibition of follicle stimulating hormone (FSH)*
- [4] Expansion in the density of the Leydig cells*
- [5] Boost in the spermatogonia level*
- [6] Increase the production of spermatocytes and spermatids*



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