

Uro-Pro™ (For Men Only!) Nutritional support for prostate health

DESCRIPTION

Uro-Pro™, provided by Douglas Laboratories, is a synergistic and comprehensive combination of vitamins, minerals, amino acids, herbals, and other nutrients, carefully formulated and specifically designed to support the healthy structure and function of a man's prostate.

FUNCTIONS

The active ingredients of Uro-Pro™ have been shown to positively affect the structure and function of the prostate gland during the normal aging of men. Saw Palmetto (*Serenoa repens*), aided by pygeum (*Pygeum africanum*), inhibits the conversion of testosterone to its more active, and potentially deleterious form, dihydrotestosterone (DHT), via inhibition of alpha-5-reductase. Saw palmetto not only inhibits the binding of DHT to cellular receptors, but also has alpha1-adrenoceptor-inhibitory properties. Alpha1-adrenoceptor antagonism may be responsible for saw palmetto's therapeutic effect in supporting the urinary tract during the normal aging of men. Saw palmetto extracts have also been found to inhibit the biosynthesis of proinflammatory prostaglandins and leukotrienes which may exacerbate those symptoms.

Supplementation with *Pygeum africanum* extract, in men 50 to 75 years, significantly improved several aspects of prostate function, including nocturnal frequency, maximum flow and volume. *Pygeum* extract decreases prolactin and cholesterol levels in the prostate, which in turn decreases uptake and reduces the number of binding sites for testosterone in the prostate. In addition, pygeum extract, like saw palmetto, interferes with the synthesis of proinflammatory prostaglandins. Pumpkin seed is thought to have similar pharmacotherapeutic properties. Vitamin E, zinc, and proanthocyanidins provide potent antioxidant protection against oxidative damage to the prostate. The amino acids glycine, alanine, and glutamic acid, as well as vitamin B-6 and vitamin A, have been suggested to reduce proliferation of prostate tissue cells.

INDICATIONS

Uni-Pro™ capsules may be a useful dietary supplement for men who wish to support and maintain the healthy structure and function of their prostate gland.

FORMULA (#82044)

Each Capsule Contains:

Saw Palmetto (berry) (standardized extract)	160 mg
Pygnum (bark)	
<i>Pygeum africanum</i> (standardized extract)	50 mg
Pumpkin Seed Powder	100 mg
Glycine	50 mg
L-Alanine	50 mg
L-Glutamic Acid	50 mg
Proanthocyanidins (OPC 85+)	10 mg
Vitamin A	2,500 I.U.
Vitamin E (d-alpha Tocopheryl Succinate)	30 I.U.
Vitamin B-6	25 mg
(Pyridoxine HCL/Pyridoxal-5-Phosphate)	
Zinc (from Zinc Picolinate/oxide complex)	15 mg

Other ingredients: Cellulose, gelatin (capsule), vegetable stearate and silica.

SUGGESTED USE

Adults take 1-2 capsules daily or as directed by a healthcare professional.

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SIDE EFFECTS

No adverse side effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

REFERENCES

- Bracher F. [Phytotherapy of benign prostatic hyperplasia]. *Urologe A* 1997;36:10-7.
- Carbin BE, Larsson B, Lindahl O. Treatment of benign prostatic hyperplasia with phytosterols. *Br J Urol* 1990;66:639-41.
- Dogru-Abbasoglu S, Aykac-Toker G, Kocak T, et al. Antioxidant enzyme activities and lipid peroxides in the plasma of patients with benign prostatic hyperplasia or prostate cancer are not predictive. *J Cancer Res Clin Oncol* 1999;125:402-4.
- Dreikorn K, Schonhofer PS. [Status of phytotherapeutic drugs in treatment of benign prostatic hyperplasia]. *Urologe A* 1995;34:119-29.
- Fleshner N, Fair WR, Huryk R, et al. Vitamin E inhibits the high-fat diet promoted growth of established human prostate LNCaP tumors in nude mice. *J Urol* 1999;161:1651-4.
- Gerber GS, Zagaja GP, Bales GT, et al. Saw palmetto (*Serenoa repens*) in men with lower urinary tract symptoms: effects on urodynamic parameters and voiding symptoms. *Urology* 1998;51:1003-7.
- Goepel M, Hecker U, Krege S, et al. Saw palmetto extracts potently and noncompetitively inhibit human alpha1-adrenoceptors in vitro. *Prostate* 1999;38:208-15.
- Ho SM, Viccione T, Yu M. In vitro and in vivo inhibition of nuclear type II estrogen binding sites in the dorsolateral prostate of noble rats. *J Steroid Biochem Mol Biol* 1993;46:489-95.
- Lee SC, Kuan CY, Yang CC, et al. Bioflavonoids commonly and potently induce tyrosine dephosphorylation/inactivation of oncogenic proline-directed protein kinase FA in human prostate carcinoma cells. *Anticancer Res* 1998;18:1117-21.
- Ripple MO, Henry WF, Schwarze SR, et al. Effect of antioxidants on androgen-induced AP-1 and NF-kappaB DNA-binding activity in prostate carcinoma cells. *J Natl Cancer Inst* 1999;91:1227-32.
- Wilt TJ, Ishani A, Stark G, et al. Saw palmetto extracts for treatment of benign prostatic hyperplasia: a systematic review [published erratum appears in *JAMA* 1999 Feb 10;281(6):515] [see comments]. *Jama* 1998;280:1604-9.

For more information on Uro-Pro™ (For Men Only!) visit douglaslabs.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.

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Your patients trust you.**