

Dietary Supplement for Prostate Health

DESCRIPTION

UROVITE 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 the prostate. †

FUNCTIONS

The active ingredients of UROVITE® 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 effect in supporting the urinary tract during the normal aging of men. Saw palmetto extracts have also been found to inhibit the biosynthesis of pro-inflammatory 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 pro-inflammatory prostaglandins. Pumpkin seed is thought to have similar 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

UROVITE 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

Each Capsule Contains:

Saw Palmetto (standardized extract)160 mg
Pygeum Africanum (standardized extract)50 mg
Pumpkin Seed Powder100 mg
Glycine50 mg
L-Alanine50 mg
L-Glutamic Acid50 mg
Proanthocyanidins (OPC 85+)10 mg
Vitamin A2,500 I.U.
Vitamin E (d-alpha Tocopheryl Succinate)30 I.U.
Vitamin B-625 mg
(Pyridoxine HCL/Pyridoxal-5-Phosphate)
Zinc (elemental, Picolinate)15 mg



SIZE / SUGGESTED USE

Sixty (60) capsules - Adults take 1 capsule daily or as directed by physician.

SIDE EFFECTS

No adverse effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light.

Keep out of reach of children.

NOTE: UROVITE® is for Men only

REFERENCES

- 1. Bracher F. [Phytotherapy of benign prostatic hyperplasia]. Urologe A1997;36:10-7.
- 2. Carbin BE, Larsson B, Lindahl O. Treatment of benign prostatic hyperplasia with phytosterols. Br J Urol 1990;66:639-41
- 3. 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.
- 5. 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.
- 6. 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.
- 7. Goepel M, Hecker U, Krege S, et al. Saw palmetto extracts potently and noncompetitively inhibit human alphal-adrenoceptors in vitro. Prostate 1999;38:208-15.
- 8. 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.
- 9. 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 DNAbinding activity in prostate carcinoma cells. J Natl Cancer Inst 1999;91:1227-32.
- 11. 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.

†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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