

## Erectile Dysfunction

### REFERENCES

- Adaikan PG, Gauthaman K. Proerectile pharmacological effects of Tribulus terrestris extract on the rabbit corpus cavernosum. *Ann Acad Med Singapore*. 2000 Jan;29(1):22–6.
- Adimoelja A. Phytochemicals and the breakthrough of traditional herbs in the management of sexual dysfunctions. *Int J Androl*. 2000;23 Suppl 2:82–4.
- Akash R, Hrishikesh D et al. Case report: Association of combined nonarteritic anterior ischemic optic neuropathy (NAION) and obstruction of cilioretinal artery with overdose of Viagra®. *J Ocul Pharmacol Ther*. 2005 Aug;21(4):315–7.
- Al-Shaer MH, Choueiri NE et al. Effects of aging and atherosclerosis on endothelial and vascular smooth muscle function in humans. *Int J Cardiol*. 2006 May 10;109(2):201–6.
- Altwein J, Hoesl CE. [Antiandrogen therapy of prostate carcinoma] *MMW Fortschr Med*. 2006 Mar 30;148(13):43–5.
- Andersson KE, Stief C. Oral alpha adrenoceptor blockade as a treatment of erectile dysfunction. *World J Urol*. 2001 Feb;19(1):9–13.
- Basar MM, Aydin G et al. Relationship between serum sex steroids and Aging Male Symptoms score and International Index of Erectile Function. *Urology*. 2005 Sep;66(3):597–601.
- Berges R, Bello U et al. Effect of a new leuprorelin formulation on testosterone levels in patients with advanced prostate cancer. *Curr Med Res Opin*. 2006 Apr;22(4):649–55.
- Bhasin S, Cunningham GR et al. Testosterone therapy in adult men with androgen deficiency syndromes: An endocrine society clinical practice guideline. *J Clin Endocrinol Metab*. 2006 Jun;91(6):1995–2010.
- Bustos-Obregon E, Yucra S et al. *Lepidium meyenii* (Maca) reduces spermatogenic damage induced by a single dose of malathion in mice. *Asian J Androl*. 2005 Mar;7(1):71–6.
- Caretta N, Ferlin A et al. Erectile dysfunction in aging men: Testosterone role in therapeutic protocols. *J Endocrinol Invest*. 2005;28 (11 Suppl 2):108–11.
- Chen J, Wollman Y et al. Effect of oral administration of high-dose nitric oxide donor L-arginine in men with organic erectile dysfunction: Results of a double-blind, randomized, placebo-controlled study. *BJU Int*. 1999 Feb;83(3):269–73.
- Chen X, Lee TJ. Ginsenosides-induced nitric oxide-mediated relaxation of the rabbit corpus cavernosum. *Br J Pharmacol*. 1995;115:15–18.
- Choi HK, Seong DH et al. Clinical efficacy of Korean red ginseng for erectile dysfunction. *Int J Impot Res*. 1995 Sep;7(3):181–6.
- Choi YD, Rha KH et al. In vitro and in vivo experimental effect of Korean red ginseng on erection. *J Urol*. 1999;162:1508–11.
- Choi YD, Xin ZC et al. Effect of Korean red ginseng on the rabbit corpus cavernosal smooth muscle. *Int J Impot Res*. 1998;10:37–43.
- Chung F, Rubio J et al. Dose-response effects of *Lepidium meyenii* (Maca) aqueous extract on testicular function and weight of different organs in adult rats. *J Ethnopharmacol*. 2005 Apr 8;98(1-2):143–7.
- Cicero AF, Bandieri E et al. *Lepidium meyenii* Walp. improves sexual behaviour in male rats independently from its action on spontaneous locomotor activity. *J Ethnopharmacol*. 2001;75:225–9.

Cicero AF, Piacente S et al. Hexanic Maca extract improves rat sexual performance more effectively than methanolic and chloroformic Maca extracts. *Andrologia*. 2002 Jun;34(3):177–9.

Clark JT, Smith ER et al. Evidence for the modulation of sexual behavior by alpha-adrenoceptors in male rats. *Neuroendocrinology*. 1985 Jul;41(1):36–43.

Cohen AJ, Bartlik B. Ginkgo biloba for antidepressant-induced sexual dysfunction. *J Sex Marital Ther*. 1998 Apr-Jun;24(2):139–43.

Eng ET, Williams D, et al. Anti-aromatase chemicals in red wine. *Ann N Y Acad Sci*. 2002 Jun;963:239–46.

Eng ET, Ye J et al. Suppression of estrogen biosynthesis by procyanidin dimers in red wine and grape seeds. *Cancer Res*. 2003 Dec 1;63(23):8516–22.

Ernst E, Pittler MH. Yohimbine for erectile dysfunction: A systematic review and metaanalysis of randomized clinical trials. *J Urol*. 1998;159:433–6.

Esposito K, Giugliano F et al. Effect of lifestyle changes on erectile dysfunction in obese men: A randomized controlled trial. *JAMA*. 2004 Jun 23;291(24):2978–84.

Feldman HA, Goldstein I et al. Impotence and its medical and psychosocial correlates: Results of the Massachusetts Male Aging Study. *J Urol*. 1994 Jan;151(1):54–61.

Gauthaman K, Adaikan PG et al. Aphrodisiac properties of Tribulus terrestris extract (Protodioscin) in normal and castrated rats. *Life Sci*. 2002 Aug 9;71(12):1385–96.

Gauthaman K, Ganesan AP, et al. Sexual effects of puncture vine (Tribulus terrestris) extract (protodioscin): An evaluation using a rat model. *J Altern Complement Med*. 2003 Apr;9(2):257–65.

Goldstein I. Male sexual circuitry. Working Group for the Study of Central Mechanisms in Erectile Dysfunction. *Sci Am*. 2000 Aug;283(2):70–5.

Gonzales GF, Cordova A et al. Effect of *Lepidium meyenii* (MACA) on sexual desire and its absent relationship with serum testosterone levels in adult healthy men. *Andrologia*. 2002 Dec;34(6):367–72.

Gonzales GF, Cordova A et al. Effect of *Lepidium meyenii* (Maca), a root with aphrodisiac and fertility-enhancing properties, on serum reproductive hormone levels in adult healthy men. *J Endocrinol*. 2003 Jan;176(1):163–8.

Gonzales GF, Gasco M et al. Effect of *Lepidium meyenii* (Maca) on spermatogenesis in male rats acutely exposed to high altitude (4340 m). *J Endocrinol*. 2004 Jan;180(1):87–95.

Gooren LJ, Saad F. Recent insights into androgen action on the anatomical and physiological substrate of penile erection. *Asian J Androl*. 2006 Jan;8(1):3–9.

Gresser U, Gleiter CH. Erectile dysfunction: Comparison of efficacy and side effects of the PDE-5 inhibitors sildenafil, vardenafil and tadalafil—review of the literature. *Eur J Med Res*. 2002 Oct 29;7(10):435–46.

He F, Feng L. [Effects of some micronutrients on partial androgen deficiency in the aging male]. *Zhonghua Nan Ke Xue*. 2005 Oct;11(10):784–6.

Hong B, Ji YH et al. A double-blind crossover study evaluating the efficacy of Korean red ginseng in patients with erectile dysfunction: A preliminary report. *J Urol*. 2002 Nov;168(5):2070–3.

Jackson G, Rosen RC et al. The second Princeton consensus on sexual dysfunction and cardiac risk: New guidelines for sexual medicine. *J Sex Med*. 2006 Jan;3(1):28–36; discussion 36.

Karras DJ, Farrell SE et al. Poisoning from “Spanish fly” (cantharidin). *Am J Emerg Med*. 1996 Sep;14(5):478–83.

Kaya O, Gokdemir K. Zinc supplementation in rats subjected to acute swimming exercise: Its effect on testosterone levels and relation with lactate. *Neuro Endocrinol Lett*. 2006 Apr 25;27(1-2):267–70.

Kernohan AF, McIntyre M et al. An oral yohimbine/L-arginine combination (NMI 861) for the treatment of male erectile dysfunction: A pharmacokinetic, pharmacodynamic and interaction study with intravenous nitroglycerine in healthy male subjects. *Br J Clin Pharmacol.* 2005 Jan;59(1):85–93.

Khajuria A, Thusu N et al. Piperine modulates permeability characteristics of intestine by inducing alterations in membrane dynamics: Influence on brush border membrane fluidity, ultrastructure and enzyme kinetics. *Phytomedicine.* 2002 Apr;9(3):224–31.

Kijima I, Phung S et al. Grape seed extract is an aromatase inhibitor and a suppressor of aromatase expression. *Cancer Res.* 2006 Jun 1;66(11):5960–7.

Kim HJ, Woo DS et al. The relaxation effects of ginseng saponin in rabbit corporal smooth muscle: Is it a nitric oxide donor? *Br J Urol.* 1998 Nov;82(5):744–8.

Kloner RA, Mullin SH et al. Erectile dysfunction in the cardiac patient: How common and should we treat? *J Urol.* 2003 Aug;170(2 Pt 2):S46–S50; discussion S50.

Lebret T, Herve JM et al. Efficacy and safety of a novel combination of L-arginine glutamate and yohimbine hydrochloride: A new oral therapy for erectile dysfunction. *Eur Urol.* 2002 Jun;41(6):608–13; discussion 613.

Liu WJ, Xin ZC et al. Effects of icariin on erectile function and expression of nitric oxide synthase isoforms in castrated rats. *Asian J Androl.* 2005 Dec;7(4):381–8.

Maggio M, Basaria S et al. The relationship between testosterone and molecular markers of inflammation in older men. *J Endocrinol Invest.* 2005;28(11 Suppl 2):116–9.

Mann K, Klingler T, et al. Effects of yohimbine on sexual experiences and nocturnal penile tumescence and rigidity in erectile dysfunction. *Arch Sex Behav.* 1996;25:1–16.

Martinez-Jabaloyas JM, Queipo-Zaragoza A et al. Testosterone levels in men with erectile dysfunction. *BJU Int.* 2006 Jun;97(6):1278–83.

McKay D. Nutrients and botanicals for erectile dysfunction: Examining the evidence. *Altern Med Rev.* 2004 Mar;9(1):4–16.

McKenna K. The brain is the master organ in sexual function: Central nervous system control of male and female sexual function. *Int J Impot Res.* 1999;11:S48–S55.

Mikhail N. Does testosterone have a role in erectile function? *Am J Med.* 2006 May;119(5):373–82.

Miller AL. The effects of sustained-release-L-arginine formulation on blood pressure and vascular compliance in 29 healthy individuals. *Altern Med Rev.* 2006 Mar;11(1):23–9.

Morales A, Buvat J, et al. Endocrine aspects of sexual dysfunction in men. *J Sex Med.* 2004 Jul;1(1):69–81.

Morales A, Condra M et al. Is yohimbine effective in the treatment of organic impotence? Results of a controlled trial. *J Urol.* 1987;137:1168–72.

Morales A, Surridge DH et al. Nonhormonal pharmacological treatment of organic impotence. *J Urol.* 1982;128:45–7.

Napoli C, de Nigris F et al. Nitric oxide and atherosclerosis: An update. *Nitric Oxide.* 2006 Apr 15. [Epub ahead of print]

Reid K, Surridge DH et al. Double-blind trial of yohimbine in treatment of psychogenic impotence. *Lancet.* 1987;2:421–3.

Reiter WJ, Pycha A et al. Dehydroepiandrosterone in the treatment of erectile dysfunction: A prospective, double-blind, randomized, placebo-controlled study. *Urology.* 1999 Mar;53(3):590–4; discussion 594–5.

Reiter WJ, Schatzl G et al. Dehydroepiandrosterone in the treatment of erectile dysfunction in patients with different organic etiologies. *Urol Res.* 2001 Aug;29(4):278–81.

Rosenthal BD, May NR et al. Adjunctive use of AndroGel (testosterone gel) with sildenafil to treat erectile dysfunction in men with acquired androgen deficiency syndrome after failure using sildenafil alone. *Urology.* 2006 Mar;67(3):571–4.

- Rowland DL, Tai W. A review of plant-derived and herbal approaches to the treatment of sexual dysfunctions. *J Sex Marital Ther.* 2003;29:185–205.
- Rubio J, Riqueros MI et al. *Lepidium meyenii* (Maca) reversed the lead acetate induced-damage on reproductive function in male rats. *Food Chem Toxicol.* 2006 Jul;44(7):1114–22.
- Ruiz-Luna AC, Salazar S et al. *Lepidium meyenii* (Maca) increases litter size in normal adult female mice. *Reprod Biol Endocrinol.* 2005 May 3;3(1):16.
- Ryu JK, Lee T, et al. Free radical-scavenging activity of Korean red ginseng for erectile dysfunction in non-insulin-dependent diabetes mellitus rats. *Urology.* 2005 Mar;65(3):611–5.
- Sandroni P. Aphrodisiacs past and present: A historical review. *Clin Auton Res.* 2001 Oct;11(5):303–7.
- Schmidt M, Renner C et al. Progesterone inhibits glucocorticoid-dependent aromatase induction in human adipose fibroblasts. *J Endocrinol.* 1998 Sep;158(3):401–7.
- Stanislavov R, Nikolova V. Treatment of erectile dysfunction with pycnogenol and L-arginine. *J Sex Marital Ther.* 2003 May-Jun;29(3):207–13.
- Sullivan ME, Thompson CS et al. Nitric oxide and penile erection: Is erectile dysfunction another manifestation of vascular disease? *Cardiovasc Res.* 1999 Aug 15;43(3):658–65.
- Sussman DO. Pharmacokinetics, pharmacodynamics, and efficacy of phosphodiesterase type 5 inhibitors. *J Am Osteopath Assoc.* 2004 Mar;104(3 Suppl 4):S11–S15.
- Tian L, Xin ZC et al. [Effects of icariin on the erectile function and expression of nitrogen oxide synthase isoforms in corpus cavernosum of arteriogenic erectile dysfunction rat model]. *Zhonghua Yi Xue Za Zhi.* 2004 Jun 2;84(11):954–7.
- Tilakaratne A, Soory M. Effects of the anti-androgen finasteride on 5 alpha-reduction of androgens in the presence of progesterone in human gingival fibroblasts: Modulatory actions of the alkaline phosphatase inhibitor levamisole. *J Periodontal Res.* 2000 Aug;35(4):179–85.
- Traish AM, Guay AT. Are androgens critical for penile erections in humans? Examining the clinical and preclinical evidence. *J Sex Med.* 2006 May;3(3):382–404; discussion 404–7.
- T'Sjoen GG, Giagulli VA et al. Comparative assessment in young and elderly men of the gonadotropin response to aromatase inhibition. *J Clin Endocrinol Metab.* 2005 Oct;90(10):5717–22.
- Vogt HJ, Brandl P et al. Doubleblind, placebo-controlled safety and efficacy trial with yohimbine hydrochloride in the treatment of nonorganic erectile dysfunction. *Int J Impot Res.* 1997;9:155–61.
- Wang Y, Lee KW et al. The red wine polyphenol resveratrol displays bilevel inhibition on aromatase in breast cancer cells. *Toxicol Sci.* 2006 Jul;92(1):71–7.
- Williams VS, Baldwin DS et al. Estimating the prevalence and impact of antidepressant-induced sexual dysfunction in 2 European countries: A cross-sectional patient survey. *J Clin Psychiatry.* 2006 Feb;67(2):204–10.
- Yassin AA, Saad F et al. Testosterone and erectile function in hypogonadal men unresponsive to tadalafil: Results from an open-label uncontrolled study. *Andrologia.* 2006 Apr;38(2):61–8.
- Zheng BL, He K et al. Effect of a lipidic extract from *Lepidium meyenii* on sexual behavior in mice and rats. *Urology.* 2000 Apr;55(4):598–602.
- Zorgniotti AW, Lizza EF. Effect of large doses of the nitric oxide precursor, L-arginine, on erectile dysfunction. *Int J Impot Res.* 1994 Mar;6(1):33–5; discussion 36.

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