

Vitex 2000

Herbal Progesterone Support | VA-128



Key Features:

- Highly concentrated (12:1) *Vitex castus-agnus* (Chaste Tree) formula with each capsule equivalent to 2000 mg of dried herb.
- Helps alleviate conditions associated with progesterone-deficiency, such as peri-menopause, menopause, PMS, and hyperprolactinemia.

Description:

Chaste tree (Vitex) berry has long been used to support the reproductive system, especially that of women. It is known to help with premenstrual syndrome (PMS) and associated cyclic mastalgia, premenstrual dysphoric disorder (PMDD), lactation difficulties, low fertility, and peri-menopause-related complaints.^{1,2,3}

Normalize Prolactin & Progesterone Levels

There is evidence that premenstrual symptoms are often associated with latent hyperprolactinaemia (LHP) - the elevation of prolactin occurring either premenstrually or in response to stressful situations.^{5,6}

Increased prolactin levels inhibit corpus luteal development, thereby indirectly reducing the secretion of progesterone in the luteal phase of the menstrual cycle.⁷

LHP has been associated with premenstrual mastalgia, benign breast cysts, and infertility.

Prolactin is normally regulated by dopamine acting on dopamine-2 (DA-2) receptors of lactotrophs, cells that produce prolactin.

Vitex contains dopaminergic compounds belonging to the diterpenes, as well as essential oil, flavonoids, and iridoid glycosides.

The diterpenes help regulate prolactin via binding to DA-2 receptors⁴, and consequently, aid in restoring corpus luteum and progesterone levels.

Quantity: 84 capsules

Ingredients (per capsule):

Chaste Tree Extract 12:1 (*Vitex agnus-castus*).....166.7 mg (fruit) (5% flavonoids)
(equivalent to 2000 mg dried chaste tree berry)

Non-medicinal Ingredients: Certified organic apple fiber, silicon dioxide, L-leucine, pullulan/ hypromellose (capsule)

Suggested Use: Adults - Take 1 capsule daily, or as directed by a health care practitioner. Use for a minimum of 3 month to see beneficial effects.

Clinical Applications

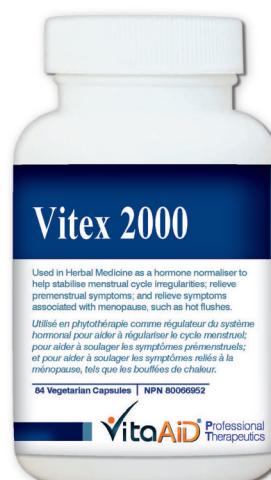
PMS

In a double-blind, placebo-controlled RCT, 162 female subjects were administered with either Vitex extract or placebo for 3 menstrual cycles. The results showed significant improvement in symptoms, such as irritability, mood swings, anger, headache, bloating and breast tenderness.¹⁰

Peri-Menopausal & Menopausal Symptoms

Vitex can help support progesterone levels in peri-menopausal and menopausal women and alleviate symptoms, such as low libido, fatigue, irregular periods, breast tenderness, anxiety, and depression.¹¹

Serum prolactin levels have been linked to the severity of depressive symptoms in peri-menopausal women.⁹ In a placebo-controlled RCT, Vitex, in combination with St. John's Wort, has been shown to alleviate depression and cravings in menopausal women.³



Normalizing Sleep Patterns

Clinical data suggest that Vitex is able to increase melatonin secretion during the night.⁸ Melatonin is a hormone produced by the pineal gland in our brain, controlling our circadian rhythm.

Reference:

1. Christie S, Walker AF. Vitex agnus-castus L.: (1) A review of its traditional and modern therapeutic use; (2) Current use from a survey of practitioners. *Eur J Herbal Med* 1997; 3: 29-45
2. Agnus castus also effective in fertility disorders. Exeter: The 5th Annual Symposium on Complementary Health Care; 1999
3. Van Die MD, Burger HG, Bone KM, Cohen MM, Teede HJ. Hypericum perforatum with Vitex agnus-castus in menopausal symptoms: a randomized, controlled trial. *Menopause* 2009; 16: 156-163
4. Wuttke W, Jarry H, Christoffel V, Spengler B, Seidlova-Wuttke D. Chaste tree (Vitex agnus-castus)-pharmacology and clinical indications. *Phytomedicine* 2003; 10: 348-357
5. Dietrich M, Hinney B, Link M, Kuhn W, Wuttke W. Latent hyperprolactinaemia as a cause of mastodynia and luteal function impairment. Kyoto, Japan: 5th International Congress Prolactin; 1988
6. Wuttke W, Gorkow C, Jarry H. Dopaminergic compounds in Vitex agnus-castus . In: Leow D, Rietbrock N, editors *Phytopharmaka in Forschung und klinischer Anwendung*. Darmstadt: Steinkopff Verlag; 1995: 81-91
7. Yen S. The human menstrual cycle: neuroendocrine regulation. In: Yen S, Jaffe RB, Barbieri RL, editors *Reproductive endocrinology. Physiology, pathophysiology and clinical management*. Philadelphia: WB Saunders Company; 1999: 191-217
8. Dericks-Tan JS, Schwinn P, Hildt C. Dose-dependent stimulation of melatonin secretion after administration of Agnus castus. *Exp Clin Endocrinol Diabetes*. 2003;111(1):44-6.
9. Słopień R, Słopień A, Warenik-Szymankiewicz A. Serum prolactin concentration and severity of depression symptoms in climacteric women. *Clin Exp Obstet Gynecol*. 2015;42(6):749-51.
10. Schellenberg R, Zimmermann C, Drewe J, Hoexter G, Zahner C. Dose-dependent efficacy of the Vitex agnus castus extract Ze 440 in patients suffering from premenstrual syndrome. *Phytomedicine*. 2012;19(14):1325-31
11. Hoffmann D. 2003. *Medical Herbalism: The Science and Practice of Herbal Medicine*. Rochester (VT): Healing Arts Press.

Caution:

Consult a health care practitioner prior to use if you are pregnant or breastfeeding; or if you are taking blood thinners. Hypersensitivity/allergy can occur, in which case discontinue use and consult your healthcare practitioner.

For Education Purpose Only: The entire contents are not intended to be a substitute for professional medical advice, diagnosis, or treatment. Always seek the advice of your physician or other qualified health provider with any questions you may have regarding a medical condition. Never disregard professional medical advice or delay in seeking it because of something you have read in this presentation. All statements in this article have not been evaluated by the Food and Drug Administration and are not intended to be used to diagnose, treat, or prevent any diseases.