



CORTEXIUM

Food Supplement For Addressing
Cognitive Challenges in Pre- and
Post-Menopausal Women

Who we are



Fempharma

European research-driven women's health company founded in 2016.

We develop proprietary, science-based healthcare products in gynecology and urology, combining translational research with clinically relevant innovation.

Core strengths

- 🌱 Women's health focus
- 🌱 Proprietary formulations
- 🌱 Scientific and clinical backing
- 🌱 ISO 13485 quality management and GMP manufacturing environment
- 🌱 Scientific collaborations with academic and clinical partners

Mission

Improving Women's Health Through Science

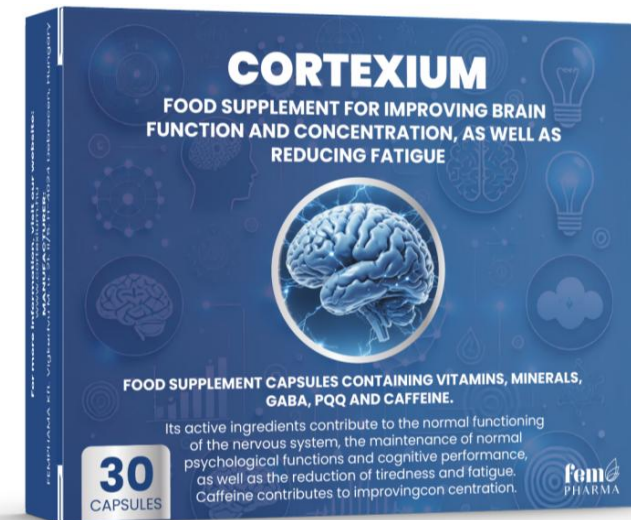


Unmet need

- ❧ Millions of women experience brain fog, difficulty concentrating, and memory lapses during the pre- and post-menopausal stages. Research shows that up to 60% of women report cognitive changes related to menopause, severely impacting their quality of life and professional performance.
- ❧ Current therapies for menopause focus primarily on physical symptoms (e.g., hot flashes, bone health), leaving cognitive concerns largely unaddressed. No standardized treatment exists to directly target brain fog and cognitive issues associated with hormonal fluctuations.
- ❧ Cognitive symptoms often lead to reduced productivity, frustration, and decreased self-esteem, affecting both personal and professional relationships. Women in this demographic are often balancing careers, family, and personal health, making cognitive clarity critical.
- ❧ With increasing life expectancy, women are spending a significant portion of their lives in the post-menopausal phase, underscoring the need for long-term solutions.

Solution

- ✿ A significant gap exists in addressing these cognitive concerns with targeted, safe, and effective solutions.
- ✿ CORTEXIUM uniquely meets this need by providing relief from brain fog and improving mental clarity in pre- and post-menopausal women.
- ✿ CORTEXIUM is designed to enhance brain function, improve concentration, and reduce fatigue by providing a blend of scientifically proven ingredients.
- ✿ It fills this gap by offering a synergistic blend of ingredients such as GABA, essential vitamins, minerals, and pyrroloquinoline quinone (PQQ) to enhance brain function, support concentration, and reduce fatigue, addressing both immediate and long-term cognitive needs.
- ✿ Unlike other supplements that focus only on short-term energy, our formula offers both immediate cognitive enhancement (via caffeine) and long-term brain health support (via PQQ, GABA, and B-vitamins).
- ✿ By combining neuroprotective, energy-boosting, and cognitive-enhancing ingredients, our supplement provides a balanced solution to improve mental performance throughout the day.



Key ingredients

-  PQQ 20 mg (Pyrroloquinoline Quinone) is a redox coenzyme with high antioxidant potential and is considered to affect the brain function by increasing mitochondrial production and activation, nerve cell protection, and enhanced production of nerve growth factor.
-  GABA (gamma-aminobutyric acid) is an important neurotransmitter that helps induce calm and relaxation in the brain. Its positive effects include reducing stress and anxiety, which promotes mental clarity and concentration, thus enhancing mental performance. Additionally, it can help combat fatigue by supporting restful sleep, which, in the long term, boosts brain function efficiency.
-  B-VITAMINS (B1, B2, B3, B5, B6, B7, B9, B12) are essential for brain function and energy production. They support the synthesis of neurotransmitters that improve mood, memory, and concentration, and help combat stress and mental fatigue. Together, they contribute to protecting brain cells and maintaining cognitive performance.

Key ingredients

-  VITAMIN C: A powerful antioxidant that protects brain cells from oxidative damage, supports the immune system, and helps fight stress.
-  IRON: Iron is essential for transporting oxygen to the brain, which improves cognitive performance and mental alertness. Iron deficiency can cause fatigue and difficulty concentrating.
-  MAGNESIUM: It has a calming effect on the nervous system, helps reduce stress and anxiety, and improves sleep quality, which contributes to better brain performance.
-  ZINC: It is essential for regulating neurotransmitters, improving brain function, and maintaining mental sharpness
-  CAFFEINE: The stimulating and invigorating effects of caffeine on the brain and nervous system have been known for centuries, if not millennia. Caffeine is a mild psychostimulant with invigorating effects. It also alleviates symptoms of fatigue and enhances work capacity. Moreover, moderate amounts of caffeine are known to have a stimulating effect on the cerebrocortical fields responsible for thinking: it enhances mental activity, improves cognitive functions, and accelerates mental associations. In this way, caffeine's stimulating effect can also lead to an improved sense of well-being.

Efficacy of CORTEXIUM

🌿 A randomized, double-blind, placebo-controlled clinical study¹ demonstrated that six weeks of CORTEXIUM supplementation significantly improved overall cognitive performance in healthy postmenopausal women compared with placebo.

🌿 Participants taking CORTEXIUM achieved significant improvements in:

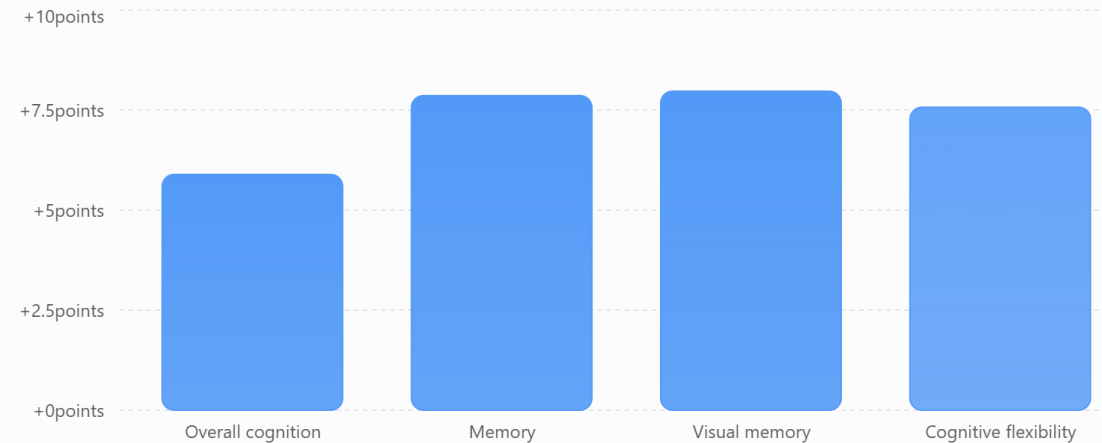
- Overall cognitive performance
- Memory
- Visual memory
- Cognitive flexibility

🌿 A favorable improvement was also observed in executive functioning.

🌿 The study included 63 evaluable participants, used the validated CNS Vital Signs cognitive assessment system, and reported no serious adverse events.

Significant cognitive benefits after 6 weeks

Baseline-adjusted improvement with CORTEXIUM compared with placebo.



Randomized, double-blind, placebo-controlled study; n=63. All four displayed outcomes reached statistical significance.

¹ Study completed in June 2026 (Publication expected Q4 2026 | ClinicalTrials.gov: NCT06748989)

Safety of CORTEXIUM

- There are no side effects expected.
- CORTEXIUM is manufactured in a GMP complying factory and the whole product lifecycle is managed under ISO 13485 QMS and ISO 22000 food safety management system.



ISO 13485:2016



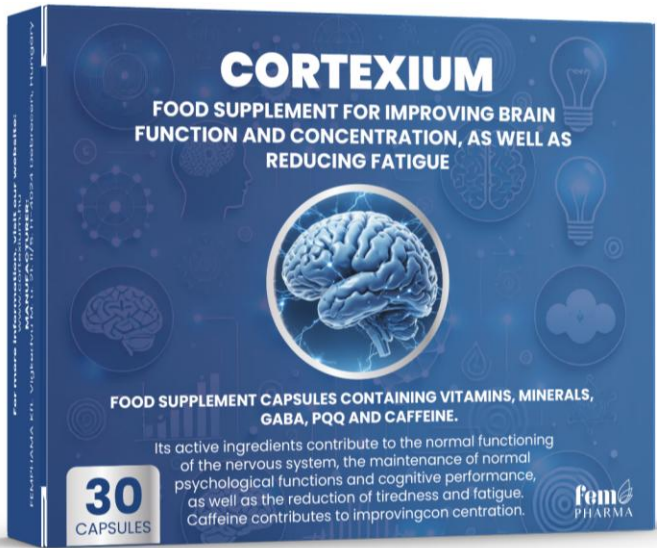
ISO 22000:2018



Product



- CORTEXIUM contains 30 capsules in blisters and paper box.
- Box size: 100 x 81 x 22 mm
- Ingredients:



Serving Size		1 Capsule
Servings Per Container: 30		
	Amount Per Serving	%DV
Caffeine	100 mg	*
GABA (Gamma-Aminobutyric Acid)	100 mg	*
Vitamin C (as L-ascorbic acid)	80 mg	89%
Magnesium (as magnesium citrate)	60 mg	14%
PQQ (Pyrroloquinoline Quinone)	20 mg	*
Niacin (as nicotinamide)	16 mg	100%
Iron (as iron bisglycinate)	14 mg	78%
Zinc (as zinc gluconate)	5mg	45%
Pantothenic Acid (as calcium-D-pantothenate)	6 mg	120%
Riboflavin (Vitamin B2)	1.4 mg	108%
Vitamin B6 (as pyridoxine HCl)	1.4 mg	82%
Thiamine (Vitamin B1 as thiamine HCl)	1.1 mg	92%
Folate (as L-5-methyltetrahydrofolate)	200 mcg	50%
Biotin	50 mcg	167%
Vitamin B12 (as methylcobalamin)	2.5 mcg	104%

Contact us

In person @



CPHI, October 6-8, 2026 – Milan, Italy
Booth **8S39** (Hall 08)

Online @

<https://en.fempharma.hu>

Phone: +36 209 509 835

E-mail: zoltan.kovacs@fempharma.hu