

fem
PHARMA

Improving Women's Health



Who we are



Fempharma is a European, research-driven B2B pharmaceutical company founded in 2016 with a clear mission: to improve women's health through science-based innovation, particularly in the fields of gynecology and urology.



Our strength lies in its ability to bridge basic and clinical research, translating scientific discoveries into unique healthcare products for women. Our portfolio includes innovative, niche products supported by strong scientific data and compliant with the highest quality standards, including GMP, ISO 22000, and ISO 13485.



Today, our products are available in 19 countries. All intellectual property is developed in-house, allowing us to offer proprietary products with extensive medical and scientific backing.



Our mission is simple: **Improving Women's Health**

Products at a glance



JUVIAGEL vaginal moisturizing gel is a natural yet effective vaginal moisturizing gel. With its patented Zinc content, it takes a new approach to treating vaginal dryness.



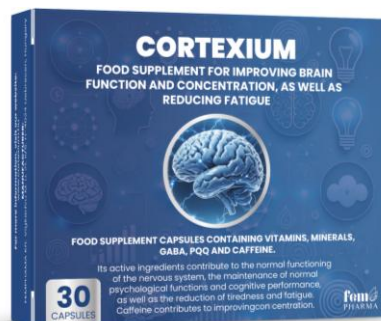
MOMMAID/MOMMYTOO postpartum recovery dietary supplement aimed to improve the recovery of the over-exerted, loose, or even injured muscles of the pelvic floor and perineum after childbirth.



VITAPHASE special dietary supplement adjusted to the phases of the menstrual cycle.

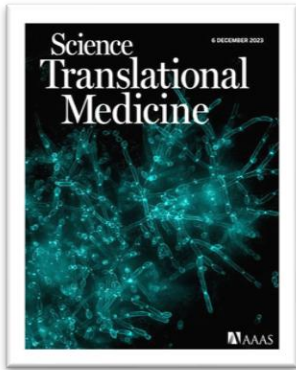


INCOXIL dietary supplement for urinary incontinence is a novel oral solution for stronger pelvic floor muscles and less urinary incontinence symptoms.



CORTEXIUM dietary supplement for addressing cognitive challenges in pre- and post-menopausal women

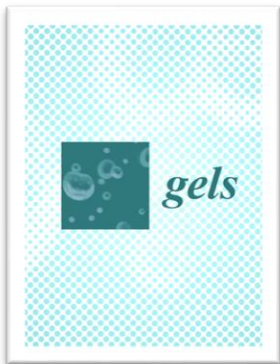
Pipeline at a glance



Zinc containing vaginal gel shows promise as treatment for the prevention of vaginal yeast infection

Vaginal yeast infection is caused by a yeast called *Candida*. There are a number of species of *Candida*, but the one that causes most yeast infections is *Candida albicans*. Now, new research led by the University of Exeter's MRC Centre for Medical Mycology has found that the trace mineral zinc could play a surprising role. Just like us, *Candida albicans* needs zinc in its diet and this yeast produces a molecule (Pra1) which tries to scavenge zinc as a food source.

Researchers in collaboration with Fempharma have showed that applying relatively low levels of zinc blocked Pra1 production and prevented inflammation.



Estriol-Containing Vaginal Hydrogel

In a paper, published in *Gels* (an MDPI journal), we have assessed the bioavailability of an estriol-containing vaginal hydrogel. The results suggest the potential of JUVIAGEL in combination with E3 as a biocompatible and effective alternative for the treatment of GSM.

New approach in vaginal dryness therapy



Problem

Genitourinary syndrome of menopause (GSM) encompasses the genital (dryness, burning, and irritation), sexual (lack of lubrication, discomfort or pain) and urinary (urgency, dysuria, and recurrent urinary tract infections) symptoms.



Solution

JUVIAGEL is a non-hormonal moisturizing gel intended for the restoration of vaginal wall/mucosa integrity and vaginal health. Numerous clinical studies have tested the effectiveness of its ingredients both in animal and human cultured cell experiments.



Clinical advantages

- Hormone free, glycerin, fragrance and paraben free
- Clear and odorless with a pleasant silky touch
- Restores the natural pH value of the vagina and its original bacterial flora.
- Same osmolality as natural vaginal fluid
- Only product to comply with all WHO regulations
- Non-toxic, non-irritating, does not cause epithelial injury
- Used by thousands of women since 2018 with no complaints
- Zinc helps to restore the elastin and collagen development in ECM of the vagina.
- Product lifecycle is managed under ISO13485

JUVIAGEL
VAGINAL MOISTURIZING GEL



New approach in vaginal dryness therapy



Patent

VAGINAL TISSUE REJUVENATION COMPOSITIONS AND METHODS (US Patent No: 9,375,450, 6-28-2016 and EU Patent No: EP 2734159).



Scientific clinical study

Clinical trial has proved that JUVIA significantly improves postmenopausal vulvovaginal symptoms of women with GSM.

J Menopausal Med. 2019 Apr;25(1):63-68. Zinc-containing Vaginal Moisturizer Gel Improves Postmenopausal Vulvovaginal Symptoms: A Pilot Study



Pharmaceutical form

Medical Device (MDR Class IIb)

Aluminum tube (44ml) with sterilized plastic applicator

Information leaflet for consumers

Carton box 40mm x 40mm x 160mm

First supplement for postpartum recovery



Problem

Pregnancy and birth places increased stress on the pelvic floor leaving the muscles fatigued and weak causing incontinence and sexual dysfunctions. Pelvic floor dysfunctions affect about a quarter of the population in the developed world.



Solution

MOMMYTOO/ MOMAID dietary supplement contains a unique combination of Zinc, Leucine and Omega-3 fatty acids specifically designed for women after giving birth to aid in the recovery of the damaged pelvic floor and the restoration of proper pelvic floor function such as urinary/bowel/sexual/support function.



Clinical advantages

- No other pharmaceutical treatment is currently known to help to repair the damaged pelvic floor muscles and connective tissue.
- Scientifically proven efficacy
- Chance of weak pelvic floor muscle strength decreased by 52%
- Used by thousands of women since 2018
- There are no side effects reported at recommended doses
- Manufactured in a GMP complying factory, product lifecycle is managed under ISO22000
- High patient satisfaction

MOMMYTOO
DIETARY SUPPLEMENT



First supplement for postpartum recovery



Patent

Pharmaceutical Composition for Postpartum Recovery and Treatment of Pelvic Floor Dysfunction

U.S. patent US 12,268,712B2



Scientific clinical study

Randomized controlled trial for improved recovery of the pelvic floor after vaginal delivery with a specially formulated postpartum supplement.

Published on April 03, 2020 at Obstetrics & Gynecology Science 2020;63(3):305 314.



Pharmaceutical form

Food supplement

Sachets 28 days

Soft gel capsule and tablets

Information leaflet for consumers

Carton box 90mm x 78mm x 120mm

Oral supplement for urinary incontinence



Problem

Urinary incontinence in women is a common problem. The most common form is stress incontinence (50%), followed by mixed stress-urge incontinence (40%). Incontinence is often difficult to treat. Incontinence causes a major reduction in the quality of life for women of all age groups.



Solution

In order to increase the effectiveness of pelvic floor muscle training (PFMT), we have developed a special dietary supplement INCOXIL with active ingredients of Creatine, Leucine, Calcium, Magnesium, and Zinc. Pelvic floor muscle training is universally recommended as part of first-line treatment and is proven to work for all women with stress or mixed urinary incontinence.



Clinical advantages

- No other proven pharmaceutical treatment is currently available for stress dominant UI.
- Significantly greater strengthening in vaginal squeeze pressure
- Greater improvement in the Biomechanical Integrity Score
- Larger decrease in PGI-S score compared to control
- Scientifically proven efficacy
- There are no side effects reported at recommended doses
- Manufactured in a GMP complying factory, product lifecycle is managed under ISO22000



Oral supplement for urinary incontinence



Patent

US Patent Application was submitted “Pharmaceutical Composition and Method for Improving Biomechanical Integrity of the Pelvic Floor”
APPLICATION NUMBER: 63438705



Scientific clinical study

A randomized controlled pilot trial to assess the effectiveness of a specially formulated food supplement and pelvic floor muscle training in women with stress-predominant urinary incontinence.

BMC Women's Health 23, 321 (2023). <https://doi.org/10.1186/s12905-023-02476-z>.



Pharmaceutical form

Food supplement

Sachets 28 days

Instant drink powder

Information leaflet for consumers

Carton box 90mm x 78mm x 120mm

Women cycle supplement



Problem

Unpleasant symptoms associated with menstruation, also known as premenstrual syndrome (PMS) has been reported by 30-40% of the reproductive female population. With symptoms such as abdominal cramps, back pain, mood swings and fluid retention, PMS is one of the most difficult ailments women have to deal with and must do so on a consistent, monthly basis.



Solution

VITAPHASE contributes to the specific vitamin and mineral demands of the female body according to the relevant phases and may soothe the unpleasant symptoms which may occur. It contains 3 different tablets with 3 different compositions, just as the menstrual cycle has three phases.



Clinical advantages

- Based on rigorous health claims and published science
- Three colored pills for easy use
- Orange tablet contains higher amounts of iron and folic acid for follicular phase
- Yellow tablet designed for ovulation phase, considered a transitional resting period
- Green tablet designed to help to ease the symptoms of PMS containing Vitamin B1, B6, Vitamin D3, Zinc and Magnesium
- There are no side effects reported at recommended doses
- Manufactured in a GMP complying factory, product lifecycle is managed under ISO22000

 **VITAPHASE**
DIETARY SUPPLEMENT



Women cycle supplement



Scientific background (excerpt)

- Bull, JR et al. Real-world menstrual cycle characteristics of more than 600,000 menstrual cycles. npj Digital Medicine (2019) 2:83
- Nelson AL, Ritchie JJ. Severe anemia from heavy menstrual bleeding requires heightened attention. Am J Obstet Gynecol. 2015 Jul;213(1):97.e1-6. doi: 10.1016/j.ajog.2015.04.023.
- Fraser IS et al. Prevalence of heavy menstrual bleeding and experiences of affected women in a European patient survey. Int J Gynaecol Obstet. 2015 Mar;128(3):196-200. doi: 10.1016/j.ijgo.2014.09.027. Epub 2014 Dec 1.
- Bahrami et al. High dose vitamin D supplementation can improve menstrual problems, dysmenorrhea, and premenstrual syndrome in adolescents. Gynecological Endocrinology 2018, VOL. 34, NO. 8, 659–663



Pharmaceutical form

Food supplement

Blister 28 days

Tablets in three colors

Information leaflet for consumers

Carton box 138 x 138 x 9mm

Cognitive challenges of menopause



Problem

Women are disproportionately affected by Alzheimer's disease (AD), comprising approximately two-thirds of all Alzheimer's patients. Women are nearly twice as likely as men to develop Alzheimer's and live longer than men following an AD diagnosis. Many individuals face declining brain function, difficulty concentrating, and mental fatigue throughout the day.



Solution

CORTEXIUM is designed to enhance brain function and improve concentration. It fills this gap by offering a synergistic blend of ingredients such as GABA, essential vitamins, minerals, and PQQ to enhance brain function, support concentration, and reduce fatigue, addressing both immediate and long-term cognitive needs.



Pharmaceutical form

Food supplement

Capsules in blister

30 days

Information leaflet for consumers

Carton box 100 x 81 x 22 mm



CORTEXIUM
DIETARY SUPPLEMENT



Cognitive challenges of menopause



Ingredients

- 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.
- CAFFEINE's stimulating and invigorating effects on the brain and nervous system have been known for centuries. It is a mild psychostimulant with invigorating effects. It also alleviates symptoms of fatigue and enhances work capacity.
- PQQ (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.
- 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.
- 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. Based on rigorous health claims and published science.

Pipeline - Vulvovaginal candidiasis



Vulvovaginal candidiasis

VVC is an exceedingly common mucosal infection of the lower female reproductive tract, caused mostly by the polymorphic opportunistic fungus *Candida albicans*. A member of the normal human microbiota, *C. albicans* commonly colonizes the vaginal lumen asymptotically.



Latest scientific findings

The PRA1 gene is expressed during vaginal infections, and this positively correlates with levels of proinflammatory cytokines in women. Genetic deletion of PRA1 prevented vaginal inflammation in mice and application of a zinc solution down-regulated expression of the gene and blocked immunopathology. Treatment of women suffering from recurrent vaginal candidiasis with a zinc gel prevented reinfections ¹.



Currently, it's estimated that 75% of women will experience vulvovaginal candidiasis (VVC) in their lifetime.

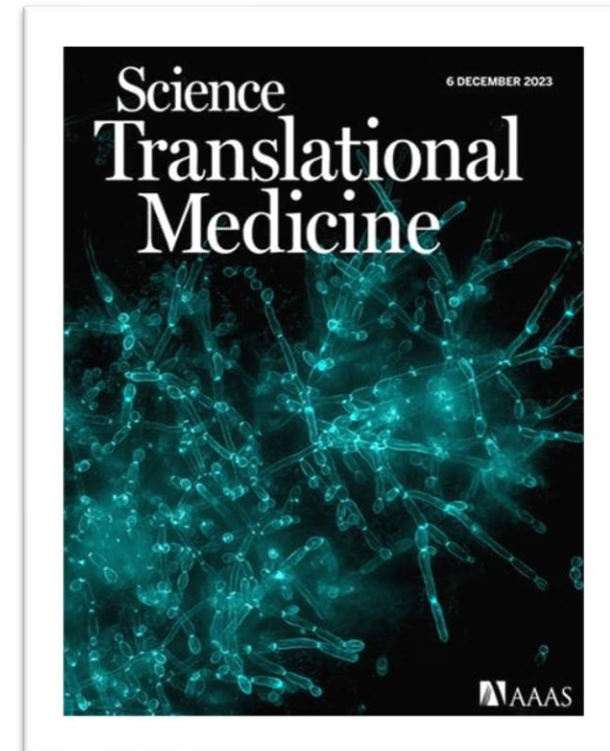


The fungus *Candida albicans* causes an estimated half billion vaginal candidiasis infections every year.








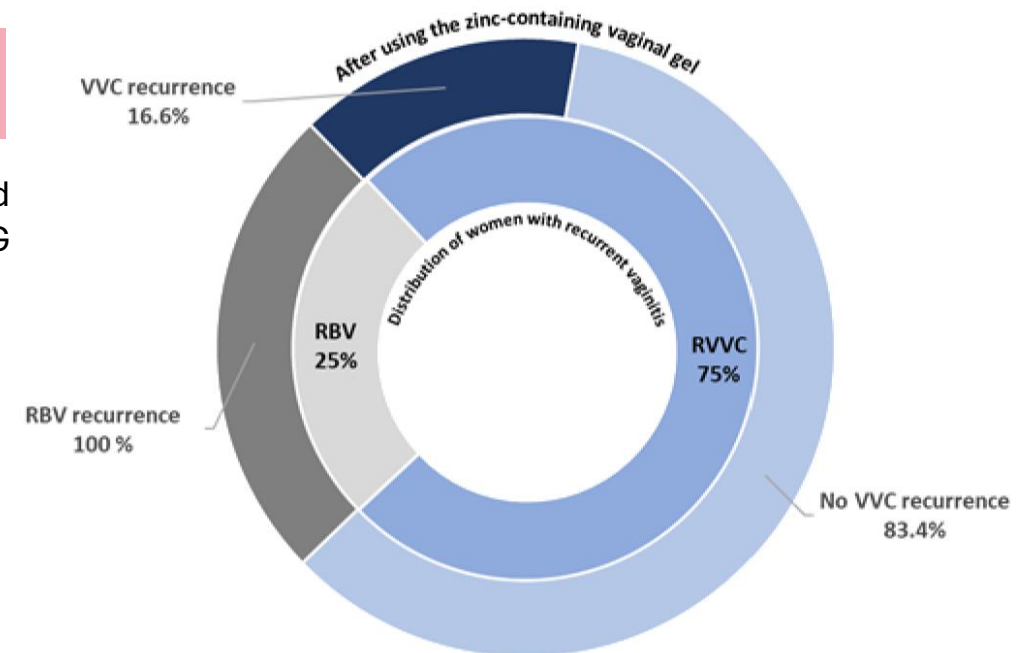
The global vulvovaginal candidiasis treatment market size was valued at USD 986.5 million in 2021 and is expected to grow at a compound annual growth rate (CAGR) of 4.39%.

1. E. Roselletti, E. Pericolini, A. Nore, P. Takacs, B. Kozma, A. Sala, F. De Seta, M. Comar, J. Usher, G. D Brown, D. Wilson: Zinc prevents vaginal candidiasis by inhibiting expression of an inflammatory fungal protein
Science Translational Medicine, 6 Dec 2023
Vol 15, Issue 725



Pipeline - Vulvovaginal candidiasis

-  A retrospective cohort study was performed with the enrolment of 10 women with a history of recurrent vaginal infections at the outpatient clinic of the Department of Obstetrics and Gynecology, University of Debrecen, Hungary.
-  Recurrent vaginal infection included recurrent bacterial vaginosis (RBV) and recurrent vulvovaginal candidiasis (RVVC). Enrolment criteria included the presence of RBV or RVVC and recurrent vaginal infection was defined as three or more vaginal infections in the last 12 months (ACOG Practice Bulletin).
-  Women were asked to use JUVIAGEL as prophylactic treatment for two consecutive weeks and, after that, twice per week. They were asked to return to the clinic if any symptoms of vaginal infection were present for evaluation. Patients underwent a detailed gynecological exam at enrolment and the follow-up visit.
-  **After being treated with a prophylactic treatment with a commercially available zinc-containing vaginal gel JUVIAGEL, results showed 62% reduction in infection.¹**
-  A patent application was filed for VVC treatment under the US patent entitled “PHARMACEUTICAL COMPOSITION AND METHOD FOR TREATING OR PREVENTING CANDIDIASIS” (Application number: 63456387)



1. Kozma B, Sipos AG, Pázkozdy K, Takács P. Zinc-containing vaginal gel for the prevention of recurrent vaginal infections: a pilot trial. Poster presentation at the 2022 American Urogynecologic Society and International Urogynecological Association's 47th Annual Meeting. June 14-18, 2022. Austin, Texas.

Pipeline – Zinc and Ultra-low-dose estriol



Genitourinary syndrome of menopause (GSM)

Genitourinary syndrome of menopause (GSM) affects a significant percentage of postmenopausal women and manifests as vaginal dryness, irritation, and urinary discomfort, typically treated with vaginal estrogens. Hydrogels are preferred over creams due to their superior comfort and mucoadhesive properties.



Enhanced Solubility and Bioavailability

Our gel incorporates an estriol-hydroxypropyl- β -cyclodextrin (E3-HPBCD) complex, which significantly improves the solubility and bioavailability of estriol, ensuring effective delivery to the vaginal epithelium.



Mucoadhesive and Hydrating Base

Formulated with hydroxyethyl cellulose (HEC), the gel offers excellent mucoadhesive properties and hydration, promoting prolonged retention at the site of action and enhancing patient comfort.



Biocompatibility and Safety

Comprehensive in vitro studies, including MTT and LDH assays as well as real-time cell analysis (RTCA), have demonstrated the gel's excellent biocompatibility, with increased cell viability and no significant cytotoxicity observed.



Effective Estriol Release and Permeability

Utilizing a Franz diffusion cell system and reconstructed human vaginal epithelium models, our research confirmed efficient estriol release and satisfactory epithelial permeability, indicating the gel's potential efficacy in treating GSM.

Development and Bioavailability Assessment of an Estriol-Containing Vaginal Hydrogel

Peter Takacs, Barbara Kozma, Dávid Rátónyi, Bence Kozma, Attila Kiss-Szikszai, Ferenc Fenyvesi and Attila G. Sipos

Gels 2024, 10(12), 823



Certificates



ISO 13485:2016



ISO 22000:2018

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BIO International Convention June 16-19, 2025
Boston, USA

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CPHI Frankfurt, October 28-30, 2025,
Frankfurt, Germany

Booth 4S144 in Hall 4.0