

# Pregyn

α-GLUCAN OLIGOSACCHARIDES,  
LACTIC ACID, GLYCEROL

THE INNOVATIVE SOLUTION FOR BACTERIAL VAGINOSIS SYMPTOMS RELIEF

## BACTERIAL VAGINOSIS, A DEBILITATING CONDITION

- Bacterial vaginosis (BV) is one of the most common & serious type of vaginal infections with a prevalence of **20% in women of reproductive age**.
- BV is **caused by a vaginal flora imbalance** with a shift from dominant *Lactobacillus* to a polymicrobial flora and a pH increase.



- BV has a **strong impact on quality of life** due to bothersome symptoms:



Vaginal discomfort



Unpleasant vaginal fish-like odour



Debilitating vaginal discharge

- The **main risk factors are antibiotics intake** (oral or vaginal), **sexual activity and pregnancy**.
- BV **can lead to serious complications** such as miscarriage or preterm labour.
- Gold standard treatments...  
- Metronidazole (oral or local)  
- Clindamycin (oral or local)
- ... But  
- Risk of **antibiotic resistance** or biofilm  
- **Healthy vaginal flora also killed** with antibiotics intake
- **HIGH RATE OF BV RECURRENCE AFTER AN ANTIBIOTHERAPY (>50% after Metronidazole).**

## WOMEN'S EXPECTATIONS

WOMEN SUFFERING FROM BV ARE WILLING TO RAPIDLY STOP THEIR UNPLEASANT SYMPTOMS AND DURABLY PREVENT THE OCCURENCE OF NEW VAGINAL INFECTIONS.

## PREGYN, OUR SOLUTION FOR BACTERIAL VAGINOSIS



### SPECIFIC α-GOS PREBIOTIC

3 years of collaboration with one of the leading European research centers have been required to develop **Pregyn's** complex prebiotic (α-GOS), which **promotes the selective growth of resident *Lactobacilli* (good flora)** to the detriment of pathogenic bacteria in the vagina.



### CLINICALLY PROVEN

**Pregyn** treats bacterial vaginosis symptoms and **prevents relapses by durably restoring a normal pH and a balanced vaginal flora**. **Pregyn** eliminates malodorous vaginal discharge and relieves vaginal discomfort.



### PHYSIOLOGICAL ACTION

Unlike hormones or antibiotics, **Pregyn** **physiologically restores a healthy and balanced vaginal flora** thanks to its **unique prebiotic's action**.



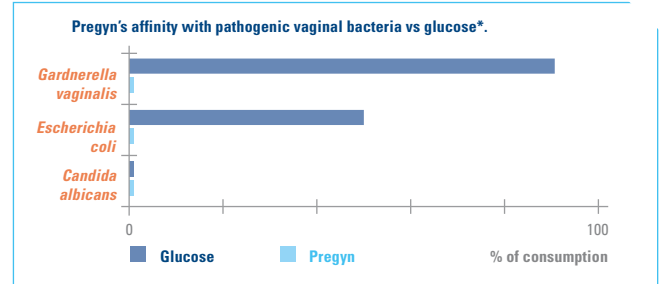
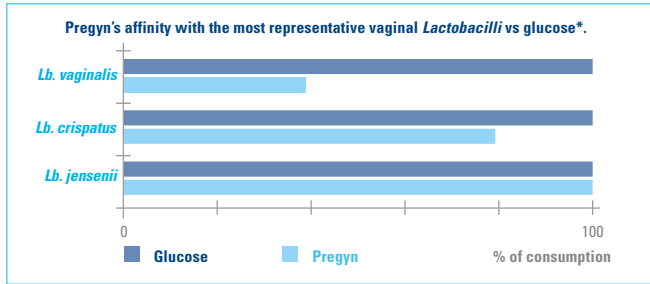
### CONVENIENT FORM

The optimum viscosity of **Pregyn's** gel ensures a **consumer friendly application**.



### PREGYN'S SELECTIVE AFFINITY WITH THE HEALTHY VAGINAL BACTERIA

Pregyn's α-GOS presents unique chemical bounds and polymerization degree specifically adapted to the healthy *Lactobacilli* enzymatic complex which cannot be metabolized by pathogen strains.



\*Glucose has been used as a standard prebiotic model.

### PREGYN, THE CLINICALLY PROVEN SOLUTION

The efficacy of Pregyn on bacterial vaginosis has been proven in 2 clinical studies including 78 women.

#### POST ANTIBIOTIC TREATMENT (n = 42)

Inclusion criteria: women diagnosed with BV and treated with antibiotics for 8 days.



- ▶ **100%** of women treated with Pregyn retrieved a Nugent Score <3 after 8 days of treatment whereas 33% of patients who received lactic acid remained into the intermediate BV score.
- ▶ **BV recurrence is reduced by 42%** with the use of Pregyn within 3 months after antibiotic therapy.

#### PREVENTIVE TREATMENT (n = 36)

Inclusion criteria: women with a mean of 3 bacterial vaginosis per year  
Percentage of new BV cases 6 months following the end of the study.



- ▶ **80.5%** of women have not faced BV relapses 6 months following the end of the study.
- ▶ **Pregyn durably prevents BV relapses by restoring the vaginal balance.**

The method of Nugent is a microscopic examination of vaginal secretions. The presence and amounts of 3 bacterial morphotypes (*Lactobacilli*, *Gardnerella vaginalis*, *Mobiluncus species*) are assessed to diagnose a bacterial vaginosis. The Nugent score is classified as follows: 0-3 is considered negative for BV / 4-6 is considered intermediate / 7+ is considered indicative of BV.

### TECHNICAL INFORMATION

- **Actives:** α-GOS prebiotic & Lactic acid
- **Quality:** Manufactured in EU following GMP and ISO 13485 standards
- **Recommended use:** 1 dose per day, for 8 consecutive days
- **Presentation:** Vaginal gel - 8 single doses
- **Regulatory:** Medical Device Class II

### PREGYN, THE INNOVATIVE SOLUTION FOR BACTERIAL VAGINOSIS SYMPTOMS RELIEF

- ▶ SPECIFIC α-GOS PREBIOTIC
- ▶ RAPID RECOVERY OF HEALTHY VAGINAL FLORA & NORMAL pH
- ▶ BV RELAPSES PREVENTION
- ▶ VAGINAL DISCOMFORT & ODOURS RELIEF



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