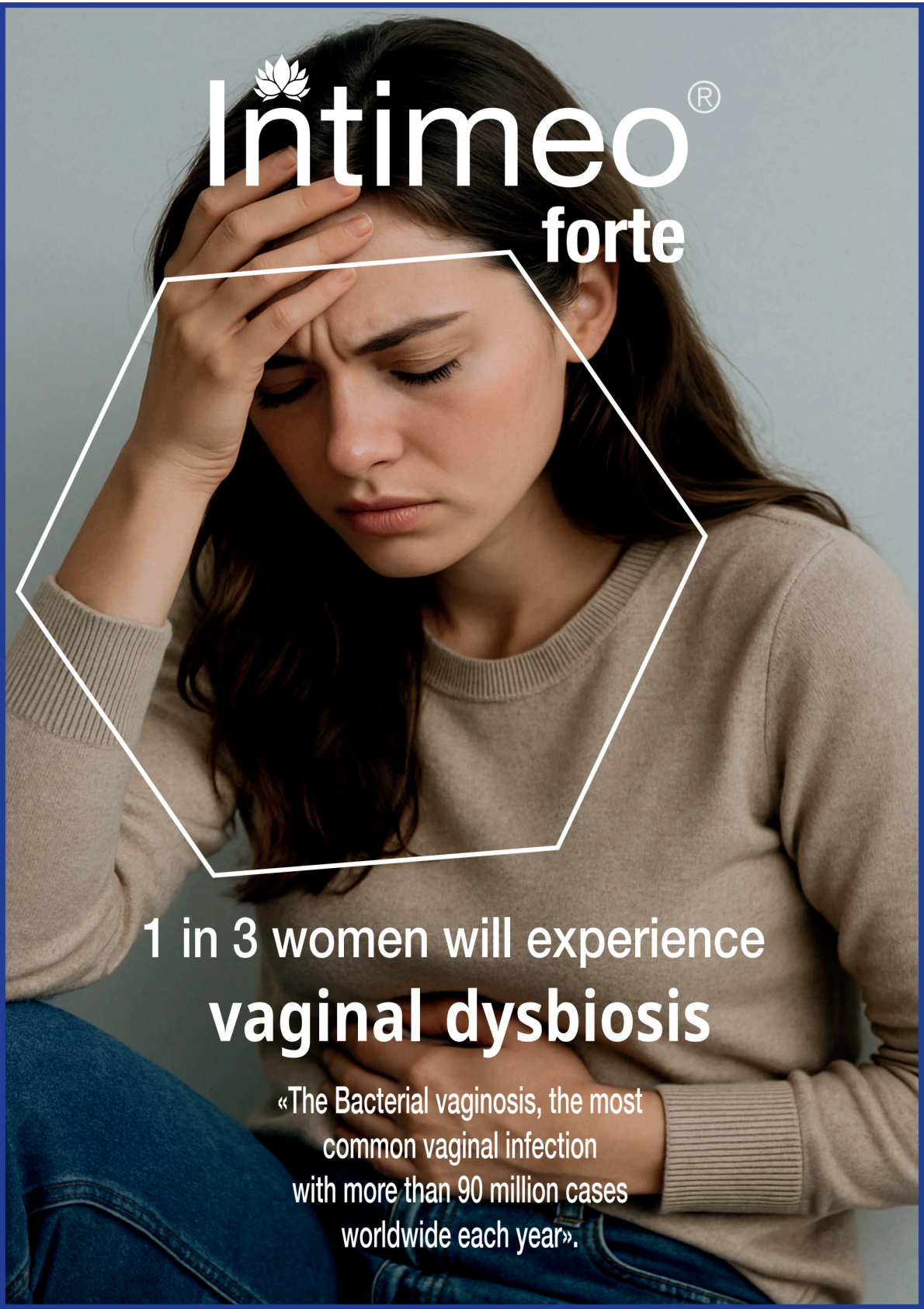




Intimeo[®]
forte

1 in 3 women will experience
vaginal dysbiosis

«The Bacterial vaginosis, the most
common vaginal infection
with more than 90 million cases
worldwide each year».

The Vaginal Dysbiosis

1 in 3 women will experience
vaginal dysbiosis



- **Many factors could cause an imbalance of the vaginal flora**
 - **Medicines (e.g. antibiotics)**
 - **Hormonal changes (Menopause, pregnancy)**
 - **Lifestyle factors (Tobacco, hygienic products)**

The vaginal dysbiosis contribute with the development of Bacterial Vaginosis (BV) when *Lactobacillus* are subsequently replaced by *Gardnerella vaginalis*.

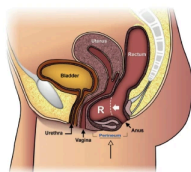
An imbalance in the microbiome significantly promotes infection, which can cause painful and even dangerous disorders.

- **The importance of lactobacilli**

The vaginal microbiome (VMB) in women is a complex ecosystem dominated by *Lactobacillus* species (LB) in a healthy state.

These bacteria, along with other commensal microbes, maintain a healthy balance and prevent the overgrowth of harmful pathogens.

The low vaginal pH, typically around 3.8 to 4.5, is indeed bactericidal, meaning it can kill bacteria. This is primarily due to two factors: the acidification of the bacterial cytoplasm and the increased permeability of gram-negative bacterial cell membranes. The acidic environment inhibits the growth of many harmful bacteria, while promoting the growth of beneficial *Lactobacilli*, which further contribute to maintaining a healthy vaginal pH.



Remarks: When considering the female pelvic anatomy, we can see that the "path" - perineum - between the vaginal and anal areas is extremely short. This promotes the infestation of pathogens when the intestinal microbiota environment is in imbalance.



Dominant populations of *Lactobacillus* (LB) species in the vaginal microbiome are associated with protection against sexually transmitted infections (STIs). This protection is thought to be partly due to the release of extracellular vesicles (EVs) by these bacteria, which can interact with the host and other microbes. Specifically, *L. acidophilus*, *L. gasseri*, and *L. rhamnosus* have been linked to a protective effect against dysbiosis, which is an imbalance in the vaginal microbiome often associated with increased risk of STIs.

What should you do?

A simple
and effective way



1 Treating with an antibiotic

In the presence of acute vaginal dysbiosis, treatment with an antibiotic is recommended.

The most effective antibiotics are:

- Fosfomycin (Fosfolag®)
- Metronidazole (Metrolag®)
- Azithromycin (Zithrolag®)
- Clindamycin

A combination may be desirable in cases of recurrence.

"Lagap is the
most accomplished
company in
VD processing."

2 Treating and preventing

In the presence of acute vaginal dysbiosis, treatment with an antibiotic and prevention in high-risk patients is strongly recommended.



3 Intimeo® forte

To regenerate the vaginal microbiota, we will use the same "pathway" as pathogens, rebalancing the intestinal flora orally by administering high doses of probiotics that will migrate to the vagina.

In the presence of acute vaginal dysbiosis, the restoration of the microbiome, combined with appropriate hygiene practices, helps prevent relapses.

This restored microbiome will enable the vagina to defend itself more effectively by maintaining an ideal pH level and appropriate epithelium, and above all, by defending itself against external aggressions. Hygiene is also essential, and it is important to educate patients, especially young patients.



Intimeo® forte have been developed with lactobacilli strains detected in healthy women to mimic the normal vaginal flora».

This combination of probiotics specific to the vaginal microbiome provides additional assurance and makes Intimeo® forte a particularly appreciated product for the prevention of recurrent vaginal disorders.

Intimeo[®] forte

The Probiotic formulation
to maintain and restore
intimate balance

- 14 capsules per vial, each one containing 10 billions of lactobacilli

- 5 strains chosen for their ability to mimic healthy vaginal flora

- Dosage: 2 capsules Intimeo forte per day

A quiet and efficient
solution

- free from allergens listed in the European Directives

- stable at room temperature
- can be used during pregnancy
- easy administration



References:

1. Simone Filardo, Marisa Di Pietro, Paola Mastromarino, Maria Grazia Porpora, Rosa Sessa (2024). A Multi-Strain Oral Probiotic Improves the Balance of the Vaginal Microbiota in Women with Asymptomatic Bacterial Vaginosis: Preliminary Evidence. *Nutrients* (2024, Oct 14)16(20):3469. doi: 10.3390/nu16203469..
2. Mohammad Abavisani, Saeed Sahebi, Farhad Dadgar, Farzaneh Peikfalak, Masoud Keikha. (2024) The role of probiotics as adjunct treatment in the prevention and management of gynecological infections: An updated meta-analysis of 35 RCT studies. *Taiwanese Journal of Obstetrics and Gynecology*, Volume 63, Issue 3, May 2024, Pages 357-368.
3. AbuZar Ansari, Dooheon Son, Young Min Hur, Sunwha Park Young-Ah You, Soo Min Kim, Gain Lee, Seungbeom Kang, Yusook Chung, Sanghyun Lim, Young Ju Kim (2023). Lactobacillus Probiotics Improve Vaginal Dysbiosis in Asymptomatic Women. *Nutrients* (2023 Apr 13)15(8):1862. doi: 10.3390/nu15081862.