Gyntonique

pH balancing ovules

- Vaginal ovules with **Boric Acid**, **Lactic Acid** and **Hyaluronic Acid**
- Helps with **pH balance** and contributes to the **restoration of vaginal bacterial flora**
- Helps create a **protective barrier** against potential harmful germs

innate
HUMAN HEALTH

Gyntonique

Highlights

Medical Device Class IIa

CE Mark 0425

Intended use: normalisation of the vaginal pH and support of the renaturalisation of the bacterial flora, acting as a preventive barrier against pathogenic germs.

Gyntonique® Ovules

Gyntonique® was developed by Innate research to **address disorders of the vaginal system**, common to over 70% of women at different stages of life. These disorders, such as vaginitis and vulvovaginitis, are often **caused by imbalances in the vaginal ecosystem, influenced by stress, antibiotics and other factors**.

Gyntonique® is an adjuvant therapeutic solution designed to **maintain or restore the optimal pH of the vaginal mucosa**.

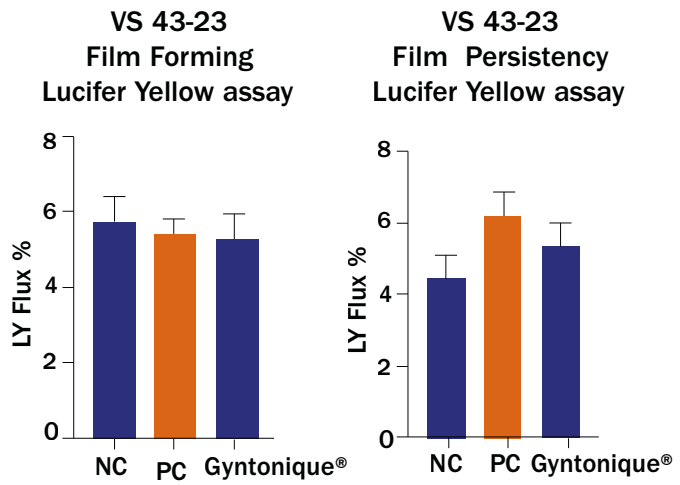
Its composition, **with hyaluronic acid, boric acid and lactic acid**, forms a moisturising protective layer that promotes tissue regeneration. This layer acts as a **barrier against pathogens**, allowing the other ingredients to act on trapped threats. **Lactic acid and boric acid help restore physiological pH**, crucial for vaginal health.

In short, Gyntonique® offers **a comprehensive action to maintain a healthy vaginal environment**, promoting regeneration and protecting against pathogens.

Gyntonique® has passed **rigorous preclinical studies** for cytotoxicity, vaginal irritation and allergic sensitisation, confirming its safety.

Studies on the barrier effect demonstrate the formation of a protective film, further confirming its efficacy and safety as a vaginal wellness product.

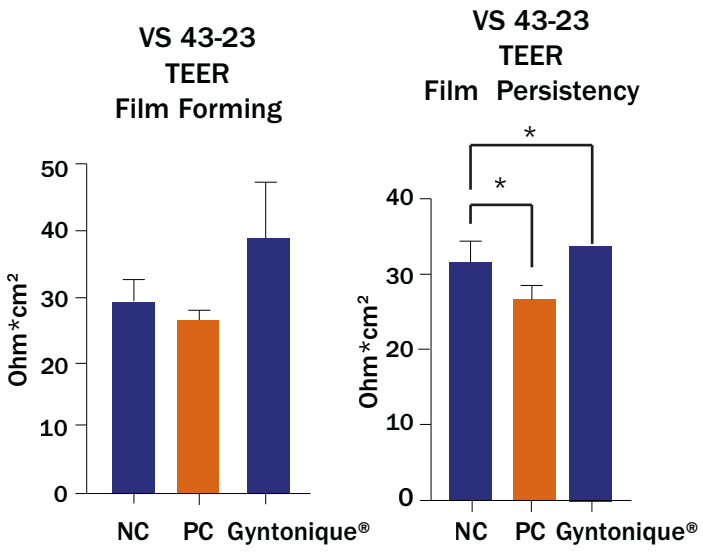
Barrier effect studies



The negative control (NC) shows a Lucifer yellow permeability of 5.74% in the film forming protocol and 4.81% in the protective film persistence protocol.
These results are within the historical data for HVE tissues, **confirming the preservation of the integrity of the epithelial barrier during the study.**

Teer measurement (trans-epithelial-electrical-resistance)

TEER (Trans Epithelial Electrical Resistance) measures the resistance to the paracellular passage of ions, providing an indirect indication of the stability of junctions and, consequently, barrier function in epithelial tissue. This parameter is essential for epithelial health, as significant variations **can signal potential cellular damage**, thus offering an important indication of epithelial barrier function.



The results of the TEER analysis show that, in the Film Forming protocol, the TEER values of Gyntonique® Ovules are similar to the negative control, **indicating adequate barrier integrity**. However, in the Film Persistence protocol, which involved a wash by modifying the paracellular ion flux, the **TEER values are lower for PC and Gyntonique®** .
The barrier effect test also **revealed pH changes** from 7.00 to 6.50 after half an hour, suggesting initial efficacy in facilitating a drop in pH. However, this efficacy may require consecutive applications to maintain the result, as indicated in the 10-day dosing schedule.
Therefore, Gyntonique® Ovules demonstrated an excellent reduction in caffeine passage, supporting both 'film formation' (-35%) and 'film persistence' after washing (16%). Lucifer yellow permeability and TEER values showed no significant difference to the negative control, **confirming the complete integrity of the barrier during the study**.

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Commercial Informations

Gyntonique® Ovules
Format: 10 ovules per unit (2 blisters of 5 ovules each)
Indication of Use: one ovule per day for 10 days - Package leaflet in each box
Shelf Life: 36 months
Minimum order quantity: 5000 units

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