New Study Findings Show Mixture of DuPont Probiotic Strains and Lactoferrin Reduces Common Cause of Vaginal Discomfort

Giellepi Health Science Division (Giellepi S.p.A) clinical trial using DuPont Nutrition & Health premium probiotic strains shows evidence-based mixture containing Lactobacillus strains and lactoferrin to prevent recurrent bacterial vaginosis.

KANTVIK, Finland (PRWEB) December 20, 2018 -- New findings from a Giellepi Health Science Division (Giellepi S.p.A) clinical research trial demonstrates that a mixture of probiotic strains and lactoferrin could aid in reducing the most common cause of vaginal discomfort in women.

Bacterial vaginosis (BV) is a vaginal inflammation, characterized by a depletion of beneficial bacteria (lactobacilli) and an overgrowth of anaerobic bacteria in the vagina. Typically women in their reproductive years may suffer from BV, though it can impact women of any age. Antibiotics are used for the short-term treatment of BV but recurrent infections remain a problem.

The findings of the Giellepi S.p.A.-sponsored study using DuPont premium probiotic strains published in Beneficial Microbes, assess the efficacy of a probiotic mixture, including Lactobacillus acidophilus La-14® and Lactobacillus rhamnosus HN001, in combination with bovine lactoferrin RCX, as adjuvant therapy to metronidazole in women with recurrent BV. The randomized, double blind, placebo controlled clinical trial involved 48 adult women and assessed the normalization of Nugent score, remission of symptoms, and recurrences during a six-month follow-up period.

Study details
In 48 women with symptomatic BV were treated with metronidazole (500 mg twice daily) for seven days and were randomly assigned to take simultaneously either orally probiotic mixture plus lactoferrin (verum) or placebo (two capsules/day for five days followed by one capsule/day for 10 consecutive days; induction phase). The verum or placebo administration (one capsule/day for 10 consecutive days) was repeated monthly (maintenance phase) during the six months of follow-up starting the first day of menstrual cycle as the menstrual blood increases the vaginal pH and contributes an increased risk of recurrences.

The results showed that symptoms (vaginal discharge and itching) and Nugent score, were significantly improved and BV recurrence rate was significantly reduced by the probiotic-lactoferrin combination when compared with placebo. This alternative approach may represent a safe and effective adjunct for the restoration and maintenance of healthy vaginal microbiota in reducing risk for recurrent BV.

Making a strong connection
“This research is extraordinary because it offers further evidence that specific probiotics as dietary supplements can be used to manage BV,” said Megan DeStefano, Global Marketing Manager, Probiotics, DuPont Nutrition & Health. “There has long been evidence of this, but the current study makes a strong connection that probiotics could in fact reduce the risk of this condition.”

Rosario Russo, Scientific Officer of Giellepi Health Science Division added, “In the past, qualitative studies have shown that BV is associated with a substantial negative impact on self-esteem, sexual relationships, and quality of life. In many respects, these study results have the potential to positively influence the lives of countless women who can now feel more confident and secure with themselves and in their relationships.”
For more information about DuPont Nutrition & Health’s probiotics, visit www.dietarysupplements.dupont.com.

About Giellepi S.p.A
Giellepi Health Science Division (Giellepi S.p.A) is a global leader in offering ready-to-market, private label specialty nutraceutical products in targeted therapeutic fields. All products are developed and tested in our modern facility located in Italy. The assessment of clinical safety and efficacy of the formulations is made in collaboration with KOLs and independent experts working in prestigious hospitals and universities. Giellepi is also committed to develop and market unique cutting-edge branded ingredients backed by scientific research. For more information visit www.giellepi.it.

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