USING INTIMATE CLEANSER WITH PHYTO-EXTRACTS FOR THE TREATMENT OF VULVO-SPECIFIC AND NON-SPECIFIC VAGINITIS: AN OBSERVATIONAL STUDY

DR. SABRINA ANNA NERVI MD SPECIALIST IN OBSTETRICS AND GYNAECOLOGY - INDEPENDENT RESEARCHER, MILAN - ITALY

S. Nervi

INTRODUCTION

The environment - biodynamic physiological vulvovaginal is not a sterile environment. More than 750 different types of fungi, spores, molds, bacteria, protozoa and lactobacilli Doderlein live together constituting the so-called vulvovaginal flora. In a woman in dynamic homeostasis they live together in harmony. External or internal conditions may interfere with these conditions, altering the balance biodynamic transiently.

In childbearing age the production of lactic acid is linked to the amount of glycogen (sugar) in the vaginal tissue; within certain values (3.5-5.5 pH) is still able to provide its protective function influenced by hormonal fluctuations (estrogen/progesterone).

The vaginal pH is not stable and changes depending on the time of the cycle: hormonal fluctuations (monthly) especially before and after the menstrual cycle, the use of hormone-based contraceptives (pills-ring-patch-subcutaneous implantation, IUD), pregnancy, menopause, diet, overall health. Even a disease more or less demanding and/or a period of great mental stress (CYBERNETIC PSICHO NEURO ENDOCRINE METABOLIC IMMUNE SYSTEM => CYPSNEMBI SYSTEM) contribute to weakening the body's natural defenses, already committed to tackling the problem psycho-physical. Even the local defenses of the vaginal area may be affected, especially in predisposed women, whose weak point is located at the uro-genital.

The persistence of such situations interfering tends to become chronic local inflammatory symptoms.

AIM OF THE STUDY

propose the daily using intimate cleanser with phyto-extracts (DERMALEUCA SW) is updated and innovative fundamental basis of melaleuca alternifolia 2% synergistically integrated with wheat germ 2% and 3% helichrysum, as intimate cleanser and barrier cream external genital area, as a solution to vulvo-vaginal disorders.

MATERIALS AND METHODS

From 2011 to 2013 were recruited 1376 women with a mean age of 39.5yo (range 16-73yo) divided into 3 groups:

GROUP-A = 45% (620pts) recurrent bacterial vaginitis (positive recurrent vulvovaginal swabs from at least 3 months)

GROUP-B = 35% (471pts) recurrent candida vaginitis (positive recurrent vulvovaginal swabs from at least 3 months)

GROUP -C = 20% (275pts) as preventive use daily (control group)

Swabs were repeated after 6 months, and continue annual checks.

The intimate cleanser with phyto-extracts (DERMALEUCA-SW) contains:

MELALEUCA ALTERNIFOLIA (Tea Tree OIL) essential oil is a powerful antiseptic, antifungal,
antibacterial and antiviral natural. It contains 48 organic compounds including the Terpinolo and Cineole in doses that must be certified to the external path in concentrations between 2 and 15%. TERPINOLO (must contain more than 30%) has strong antiseptic and antiviral activity. CINEOLE (less than 15% because it would be irritating if present in higher concentration) eucalyptol, is a mono-oxide bicyclic terpene, which looks almost like an oil smell camphor, antiseptic plant.

ELICRISO Helicrysum italicum composite Family. Grows wild on sandy and dry mediterranean countries. Is a suffrutex strongly aromatic herb up to 60 cm high from the family of Compositae, with stems much branched, woody at the base, the flowers are yellow-orange and in corymbs terminals and the leaves are very narrow, linear, and give off a scent. You use the flower heads of the plant flowers and the leaves of the flowering tops should be cut off when the heads are going to bloom, at the beginning of the summer.

Active ingredient: QUERCITRIN is an integral part of numerous after-sun lotion because it has beneficial effects on blood vessels dilated by the heat absorbed by the skin when exposed to sunlight, and in addition essential oil (from 0.075 to 0.2 %), and numerous flavonoids and phytosterols (also possess property of absorbing ultraviolet rays) It has a anti-allergic, mucolytic, antibacterial, antifungal, healing, protective tissue, hepatoprotective, cholecysto kinetic, edema and inflammation, has astringent, decongestant and soothing.

The WHEAT GERM is a small part of the grain of wheat, commonly called grain. Approximately 3% of durum wheat and 2.5% of the wheat is made from GERM. The extraction takes place by pressing at low temperature from a ton of wheat is obtained 1Kg of oil of wheat germ. Removed in the refining process of the flour to get what are called white flour, which will keep more of those " dark " (because being deprived of the seed that contains oil, hardly go rancid over time) The oil of wheat germ is also rich in essential polyunsaturated fatty acids, present at a concentration of about 50%, provided that the food is consumed as such and cold pressed. The high content of vitamin E, wheat germ oil is an active ingredient widely used in cosmetic products: moisturizing and nourishing properties make it suitable for those who suffer from dry skin and devitalized.

The wheat germ contains a large number of enzymes, two important proteins, and the LUCOSINA LAGLOBULINA, vitamins A, D, and F, minerals and oil (tocopherol) is very rich in vitamin E, powerful antioxidant agent the best dietary source of vitamin E (133 mg/100 g Vs 18.5 mg/100g olive oil) in a concentration of 0.15-0.30 % in the form of alpha-tocopherol (biological value is much greater than the beta and gamma tocopherols that accompany it and that are prevalent in oil instead of seeds of other cereals) that fertility vitamin, participates in various enzyme systems including those respirators and those related to protein metabolism, lowers oxygen consumption and basal parts, regulatory interferences would also have on the water change and on the glucose and lipid metabolism, increase the circulatory spraying also has trophic effect made on all tissues derived from the mesoderm, guarantees the function of epithelia, of the gonads of both sexes and regulates the production of sex hormones.

RESULTS and CONCLUSIONS
It is noted only in 7cases the abandonment of the product to have enjoyed the scent that sets it apart. Our results show that in group-A (bacterial) has been effective treatment for 93% of the women treated while in group-B (fungal) the effectiveness of salt up to 98% and in the group-C (control) there were no flare-ups or alteration of vulvogenital flora. Observation continues after 2 years with the advice of a retention of use of the product as a healthy daily habit is recommended.

The daily using intimate cleanser with phyto-extracts (Dermaleuca Sw cleanser and cream) is characterized by high lipophilicity and TOLERANCE, SAFETY and EFFECTIVENESS (adults and children) and is indicated in diseases to fungal, bacteria and viruses, as in the case of bites, burns, trauma, and radiation does not induce alterations commensal flora or resistance (unlike antibiotics).