



At first sight it seems there is no close relation between a gynecologist and the ladies sanitary products (sanitary pads and tampons). There are, however, two conditions of which women often complain to their gynecologist which are caused or somewhat worsened by their use.

**A. Bacterial vaginosis (BV)** is an imbalance of the normal vaginal flora so that the lactobacilli (providing natural vaginal protection) decrease and the pH of the vagina respectively increases to become alkaline leading to an overgrowth of anaerobic bacteria, Gardnerella and other coccobacilli. As a result, a discharge with unpleasant odor appears and sometimes irritation of the mucous membrane occurs. Recent research shows that disbacteriosis makes women susceptible to serious sexually transmitted infections, including the human papiloma virus (HPV) which is the major cause of cancer of the cervix.

The causes of BV are complex: sexual activity, stress, smoking, weak immunity, use of soaps and not the least important is synthetic underwear (especially thongs, tampons and sanitary ladies pads. Treatment and especially prophylaxis of the recurrence of BV are complex including medicines, special intimate gels, change of lifestyle, and avoidance of tight synthetic undergarments, tampons and standard unbreathable everyday panty liners.

**B. Contact dermatitis** is also a frequent complaint. It is a condition that causes redness and itching of the skin around the vagina and anus. It seems harmless but too irritating and necrotizing. It gets more complicated during menstruation. It is due to irritation of the tender skin in this area by soap, synthetic undergarments, chronic epilation microtrauma, and standard non-breathable ladies sanitary pads. An unpleasant complication is the additional infection with fungi, anaerobic and other bacteria from the perineum and anus.

The competition between the preparations for intimate hygiene is increasing on the market. The purpose of the intimate gels is to maintain the optimal pH and to prevent allergic reactions. Modern technologies aim at achieving better absorption and breathable quality of the ladies sanitary pads and prevention of allergies.

The new generation ladies sanitary pads LADY ANION contain extras which fight the above described bacterial vaginosis and contact dermatitis. This is also due to the hypoallergic materials, infrared radiation and anion emission from a special built-in chip. This makes LADY ANION not only comfortable to use, but also a prophylactic means.

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