

Abstract

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Title: **Factors related to chronic vulvovaginal discomfort - comparison of questionnaires from 2007 and 2018**

Diploma thesis

Charles University, Faculty of Pharmacy in Hradec Králové

Study program: **Medical bioanalytics**

Background: The aim of the thesis was to get data that should help us to clarify the issue of factors related to chronic vulvovaginal discomfort and compare them with the results of Lucie Hájková diploma thesis from 2007.

Methods: The questionnaire survey was focused on students and graduates of three colleges in Hradec Králové. We put them into three groups – RVVD (women with chronic problems), VVD (women with acute problems) and control group (women with no problems) and did statistical evaluation.

Results: We found out that factors related to chronic vulvovaginal discomfort are family factors, vaginal douching, the use of scented panty liners, anal sex, oral sex, higher frequency of sexual intercourse, bigger number of sexual partners, stress and psychosocial factors. Consumption of dairy products can be protective. When we compared the data with the questionnaire survey from 2007, we found out that 40 % less women use hormonal contraceptives and it is replaced by less hormonal or completely non-hormonal forms of protection. We also reported a higher incidence of allergic symptoms in childhood and in present, smaller number of smoking women, lower frequency of sexual intercourse and lower promiscuity.

Conclusions: We evaluated the questionnaire survey, compared our data with the results of a 2007 survey and thus we clarified the issue of factors related to chronic vulvovaginal discomfort.

Keywords: vulvovaginal discomfort, chronic vulvovaginal discomfort, factors related to chronic vulvovaginal discomfort