

ABSTRACT

Charles University

Faculty of Pharmacy in Hradec Králové

Department of Biological and Medical Sciences

Student: Markéta Novotná

Supervisor of master thesis: PharmDr. Petr Jílek, CSc.

Title: Factors accompanying vulvovaginal discomfort

BACKGROUND: Vulvovaginal discomfort (VVD) is very frequently observed disease that significantly decreases the quality of life. Most women have experienced it at least once in their lifetime. In spite the fact that this issue is still being studied, so far, we don't know the reason for recurrence.

THE OBJECTIVES OF THE THESIS: The first goal of this thesis is to characterize a group of patients with recurrent vulvovaginal discomfort (RVVD) and factors accompanying RVVD. Another goal is to compare data collected in the survey with data and analysis from other studies related to this topic in the long term.

METHODS: The data for this study were gained in survey that took place at specialized department for vulvovaginal discomfort at the local hospital.

RESULTS: A total of 75,0 % questioned had a diagnosis of vulvovaginal candidosis (VVC) and 42,6 % of bacterial vaginosis (BV). From respondents which were pregnant at last once, a total of 20,8 % specified they had the most severe VVD during the 7th to 9th months of pregnancy which confirms a previous study. We also noticed that 8,8 % respondents diagnosed with hyperglycemia do not seek treatment. Uncontrolled levels of blood glucose in patients with diabetes mellitus (DM) is, however, very significant risk factor for the progress of VVC. A total of 71,2 % of respondents confirmed that they do suffer with allergic rhinitis (perennial or seasonal).

CONCLUSION: Results show that VVD is connected to many different factors. Whether or not these are reasons or consequences of VVD is still not clear and further studies are needed.

Key words: vulvovaginal discomfort, factors accompanying vulvovaginal discomfort, quality of life, survey