

## Denture Stomatitis among Young Sexually Active Women Caused by Candidiasis

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Oral health has a direct impact on the transmission of infection. Candidiasis is a disease causing *Candida* fungi, which under certain conditions from conditionally-pathogenic bacteria turn into pathogenic microorganisms and can cause dehydration and denture stomatitis.

The aim of this study is to find out the effects of sexual lifestyle on oral cavity candidiasis of women with recurrent genital *Candida albicans*.

**Methods:** 35 women in total were examined in the Medical centre Maxmeda throughout 2017-2018, complaining of burning, loss of taste, redness, feeling of dryness in the oral cavity and bad breath.

Gynecological tests were carried out for the patients to have more trustworthy results and using an anonymous questionnaire method to find out the purpose and the impact of their sexual lifestyle on existing oral cavity lesions. Rejection criteria: pregnancy, breast-feeding, STD, antibiotics.

Standard statistical software MS Excel 2016 and SPSS were used for statistical analysis of data. The values of various parameters were estimated to be as accurate as 95% of the final results. Differences were considered statistically reliable when the reliability level was  $p < 0.05$ .

**Results:** The women ranged from 17-32 years (average 25; 95 % CI 22-26). Most women used OCP (52.1%), condoms (32.1%), 14% of patients didn't use any contraception at all. Using OCP of oral and vaginal candidiasis are significantly related ( $p < 0,05$ ). Both oral and vaginal candidiasis were identified for women that had no permanent partner ( $p < 0,05$ )

The various types of genital-oral sex performed together Cunnilingus/Fellatio/Anilingus – 55,4%, Cunnilingus/Fellatio- 35,2%, Fellatio/Anilingus 9,4%.

**Conclusion:** According to the results risk of oral thrush increased by using OCP, having oral sex without condoms or permanent partner. It is important to treat vaginal and oral candidiasis with local and systemic medications, have dental health check-ups regularly, always ask your doctor about ways to avoid or treat your dry mouth.

### Biography:

Kamila Kasilovska is a third year dentistry student at Vilnius University. Her interesting research is cosmetic dentistry, orthodontics and periodontics.