



P66. THE USE AND EFFICACY OF HYALURONIC ACID BASED BULKING GELS FOR TREATMENT OF ATROPHIC VAGINITIS

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Context. The use of radical methods of treatment for women of socially active reproductive age with tumors of female genitals - combined radiotherapy, the surgical or combination treatment - leads to early development and/or a heavy course of a genitourinary syndrome of menopause (GSM). Changes in the vulvovaginal area against the background of estrogen deficiency are manifested as atrophy of the vaginal mucosa with the development of vaginitis and dyspareunia, a decrease in turgor and ptosis of the perineal tissues, with the development of a defect in the closing of the sexual gap, which facilitates the recurrence of inflammatory processes. In this connection, it is currently relevant to search for minimally invasive methods for the treatment of recurrent atrophic vaginitis with restrictions to the use of estrogen-containing drugs.

Objective and methods. The oncogynecologic patients after radical courses of specialized treatment were included in the study. Diagnosis of the severity of urogenital disorders affecting the quality of life was performed before treatment. Assessment of the menopausal syndrome severity was carried out by Menopause Rating Scale (MRS) with diagnosis of the degree of vulvovaginal atrophy.

The quantitative analysis of a prolapse of pelvic bodies was estimated according to POP-Q classification. Quality of sex life was defined by means of the approved questionnaire Pelvic Organ Prolapse/Urinary Incontinence Sexual Questionnaire (PISQ-12).

Interventions. Correction by volume-forming gels based on stabilized hyaluronic acid (16-24 mg/g) and antioxidant mannitol was performed with prolapse of genitalia of the first degree and vulvovaginal atrophy. Submucous injection of the implant was performed into the vaginal walls and subdermal injection was performed into the lower third of the labia minora and posterior adhesion after local application anesthesia

Results. The analysis of the treatment results has shown moistening mucous vaginas with normalization of a biocenosis; elimination of gaping gaps with the prevention of recurrent atrophic vaginitis. Safety and good tolerability of the procedure were revealed, side effects and complications were not observed during the control period.

Conclusions. Thus, use the bulking gels on the basis of hyaluronic acid is a perspective low-invasive method of correction of urogenital frustration in respect of rehabilitation the oncogynecologic patients after radical treatment.

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