Efficiency of treatment of infertility associated with external genital endometriosis.

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Introduction: Today, most researchers believe that the main criterion for the effectiveness of treatment is the pregnancy rate. According to different authors pregnancy rate after combined treatment ranges from 22% to 53.5% in advanced endometriosis.

Aim of research: To determine the frequency of pregnancy in women with endometriosis after surgery, hormonal and combined therapies.

Subject and methods of research: In this research were included 80 patients with infertility associated with external genital endometriosis. All patients were divided into three groups according to treatment: 1st group - (26 patients) conduction only endovideosurgical treatment, 2nd group - (24 patients) received hormonotherapy and 3rd group - (30 patients) received combination therapy when administered after treatment endovideosurgical hormone therapy. As hormone therapy was used dienogest 2 mg daily continuously for 6 months. The results were statistically processed.

Results of research: All three methods have reduced the frequency of infertility. Thus pregnancy rate in group 1 - 11%, in group 2 - 25% and in the third group - 33%. In the 1st group the pregnancy occurs in the range from 3 to 6 months after surgery. In groups 1 and 2 pregnancy occurs after discontinuation of pill. So, after hormone therapy pregnancy became in every fourth patient with infertility associated with external genital endometriosis and in every third patient after combination therapy (p<0.05).

Conclusion: Dienogest can be offered as an alternative treatment in women with infertility. Our research demonstrated the need for the accumulation of material on the use of dienogest in patients with endometriosis and infertility.

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