



## THE IMPORTANCE OF OFFICE HYSTEROSCOPY IN THE DIAGNOSIS OF ENDOMETRIAL PATHOLOGY IN WOMEN WITH INFERTILITY

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One of the conditions for embryo implantation being successful and further development of pregnancy is the absence of intrauterine pathology. The absence of complaints and ultrasound signs of intrauterine pathology is not a reliable sign of the normal state of the uterine cavity.

Purpose of the study: improvement of the efficacy of infertility treatment by detecting and treating the "hidden" pathology of the endometrium.

Subject of the study: 165 women aged 30 to 42 years with infertility without complaints and ultrasound signs of intrauterine pathology.

Methods: clinical, laboratory, ultrasound examination, office hysteroscopy.

Results:

All 165 patients with infertility underwent office hysteroscopy as part of the comprehensive examination. 57 women showed no hysteroscopic signs of intrauterine pathology, during the intervention an endometrial biopsy with histological and immunohistochemical studies was performed.

In 108 women with infertility, signs of intrauterine synechiae (61), small polyps of the endocervix (12), the endometrium (21), endometrial hyperplasia (14) were found. Patients with endometrial hyperplasia underwent hysteroscopy and curettage, while the remaining 94 had lasersurgical minimally invasive intrauterine interventions.

In 3-6 months, 68 patients underwent follow-up office hysteroscopy.

Thus, office hysteroscopy is the obligatory method of study in women with infertility, including in ART programs, as it allows to detect the "hidden" intrauterine pathology and treat it adequately.

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