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THE WAYS TO OVERCOME INFERTILITY

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Introduction. Infertility is the inability to conceive for about a year with unprotected sex. This is common in most couples in reproductive age. It has many different causes which can lead to this condition. Men, women or both factors can cause infertility. Some of the major causes are age (especially late 30s and 40s), eating and metabolic disorders, disorders of hormone producing organs, smoking, sexually transmitted infections, obesity, excessive alcohol intake and other disorders or diseases of the female (polycystic ovarian syndrome, uterine fibroids or polyps) reproductive organs. Treatment usually depends on the many factors and includes normalization of hormonal status and different surgical methods [1-3].

Aim of the study. Analysis of the women with infertility to find the major cause or the most common factor that affects the ability to conceive. Analysis of the effectiveness of different ways of treatment.

Materials and methods. We have analyzed about 35 cases of women with infertility and their case histories, analysis results, hormonal status, courses of infertility, gynecological and extragenital pathology.

Results and discussion. The average age of the analysed patients was 33 years. According to the literature the most common causes were advanced age of women, obesity, metabolic and eating disorders, other chronic diseases and disorders of the reproductive organs. Based on our study, the causes were uterine diseases (17.14%),

chronic diseases such as inflammations and infections (14.20%), eating and metabolic disease, obesity (8.57%) and hypothyroidism (5.71%).

In this study the most prevalent complications caused by these causes in pregnancy were premature rupture of membrane (31.42%) and false contractions (48.57%). These complications acted as the indications for emergency (8.57%) or planned deliveries by cesarean section (71.43%). About 17.14% of the examined patients were treated with artificial insemination. All the newborns of the studied patients were with an Apgar score of 8/8 and 8/9, with an average weight of 3.3 kilograms, average height 52 centimeters. All the complications were compensated with conservative treatment.

Conclusion. Thus, taking into account the results and findings of our research, we concluded that infertility is common in women more than 30 years of age. Disease of the uterus and chronic infections are the most common factors contributing to infertility. The pregnancies are often complicated with premature births and false contractions. Considering the effectiveness of the treatment above, early diagnosis and appropriate method of treatment will help in conceiving and delivering healthy newborns.

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A RETROSPECTIVE STUDY IN RESULTS OF SURGICAL CORRECTION OF RECURRENT LOWER LIMB ISCHEMIA AFTER VASCULAR RECONSTRUCTION

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Introduction. Chronic limb-threatening ischemia (CLTI), the most severe pathology of peripheral arterial disease, is characterized by ischemic foot pain at rest, ischemic ulcerations, or gangrene [1, 2]. Patients who have CLTI, require timely endovascular surgical reconstruction interventions or endovascular procedures in order to prevent disease worsening leading to amputations [3, 4].