

6th ISIC



ABSTRACT BOOK

6th International Scientific Interdisciplinary Conference for medical students and young doctors

Abstract book - 6th International Scientific Interdisciplinary Conference



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with the threat of fetus wastage was $23,3 \pm 0,52$; the time-frame of gestation at the moment they consulted the doctor was $9,7 \pm 0,46$ weeks. Electromagnetic load was registered in 80,7% of cases (46 patients). 9 examined women ended with fetus wastage, 5 of them didn't experience electromagnetic load. To estimate the factors which influence the course of pregnancy we examined two groups of patients: main and control.

Conclusion. Thus, Clinical- experimental research showed that electromagnetic load didn't prove to have negative influence on the course of early pregnancy.

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MICROCIRCULATORY DISORDERS IN WOMEN AFTER HYSTERECTOMY

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Introduction. Posthysterectomic syndrome (PHS) is a specific syndrome that occurs in women after hysterectomy, this syndrome is the development of distinct estrogen-deficiency states associated with artificially induced menopause. One of the reasons for the formation of hypoestrogenia of PHS is considered microcirculation disorders of ovaries and the development of acute ischemia as a result of their exclusion from the branches of the uterine artery blood flow. The endothelium of blood vessels has a particular importance in the development of microcirculatory disorders.

That is why **the aim** of this study was to determine the state of mechanisms of endothelium-dependent relaxation in women after hysterectomy.

Materials and methods. The study included 120 women aged 40-51 years. 90 women who underwent hysterectomy with preservation of both ovaries were included in a study group. The control group consisted of 30 healthy women. Determination of endothelin-1 in plasma was performed by immune-enzymatic analysis using areagent kit Endothelin-1 ELISA System, manufactured by «Amersham Pharmacia Biotech» (UK).

The results of study showed that the women of the basic group had significant increase of endothelin-1 concentration, compared with the control group ($p < 0,05$).

Conclusions. Revealed heightened levels of endothelin-1 in women after HE testified endothelial dysfunction due to this fact the development of new approaches to the correction of PHS is promising, as it will allow to improve the therapeutic approaches to solving the health problems of women undergoing hysterectomy.

Storozhenko T.

MANAGEMENT OF PREGNANT WOMEN WITH CERVICAL INCOMPETENCE

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Introduction. Cervical incompetence (CI) may cause miscarriage or preterm birth. CI must be diagnosed on time and determined method of management.



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