

DRY EXTRACT OF THE OREGANO AS PERSPECTIVE RAW MATERIAL FOR CORRECTION OF CLIMACTERIC SYNDROME

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Relevance. According to statistics in Ukraine, more than one-third of the women living in it are in "transitional" and elderly people. The average age of women in menopause is 48 years, and in 23.1% of women there is an early menopause (up to 45 years). Every 3-4th woman even before menopause develops autonomic disorders - "hot flashes", fluctuations in blood pressure, pain in the heart and other vegetative disorders, irritability, depression. These are the so-called early complications of the climacteric period, caused by the physiological restructuring of the female body and changes in the production of sex hormones. In the future, urogenital disorders, osteoporosis and other disorders join. These changes are due to hormonal changes in the body of a woman and are often caused by a decrease in the level of estrogen.

The mechanism of negative feedback increases the level of gonadotropins. For the therapy of dyshormonal disorders in women, menopause is used for hormonal replacement hormone replacement therapy. However, due to many contraindications to its use and adverse reactions to drugs, many women prefer to use the so-called. "Phytoestrogens".

The purpose of the study was to study the prospects of using an extract of common oregano as a promising phytoestrogen for correcting climacteric disorders.

Materials and methods: literature data, patent database of Ukraine, international patent databases (PCT Newsletter, Worldwide and others).

The results of the research showed that due to a unique set of biologically active substances (flavonoids, bitter substances, tannins, phytoncides, essential oil, vitamins C, B1, B2, as well as the presence of phytoestrogens, *Oregano vulgaris* can be a promising raw material for the treatment of the climacteric syndrome.

Conclusion. On the basis of the results obtained, it can be concluded that the dry extract of oregano is a promising development for the creation on its basis of a drug for the correction of dyshormonal disorders in women in the climacteric period.