

DEVELOPMENT OF EXTEMPORANEOUS DRUGS FOR TREATMENT OF MASTITIS

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Introduction. According to WHO "Mastopatia - is a fibrocystic disease, characterized by impaired relationships epithelial and connective tissue components, a wide spectrum of proliferative and regressive changes in breast tissue." As benign disease and breast cancer have a lot in common in etiological factors and pathogenetic mechanisms mastitis risk factors and breast cancer is largely identical.

Therefore, the actual problem, in terms of maintaining the women's health and improving demographic indicators of the country is searching for new methods of mastitis prevention and treatment, developing domestic preparations with a comprehensive action effective and economically affordable.

Aim. Make a detailed analysis of the domestic pharmaceutical market drugs used in the treatment of mastitis; develop and substantiate the structure and assembly technology medicinal plant to treat this pathology.

Materials and methods. To reach the goal of the study systematic, structural and logical analysis, comparative analysis and graphical methods of summarizing data were made. Analysis of the range of drugs that are used in the treatment of mastitis, were made with the help of marketing research methods based on materials of Drugs State Register of Ukraine.

Results and its discussion. According to the chemical structure and pharmacological influence of biologically active substances major groups that this herbs contains, number of benefits dosage form and efficiency technologies the medicinal plant assembly and the possibility of their use in the treatment of mastitis were proved. Medicinal herbs containing plant hormones were included (hops cones, stevia herb, parsley planting grass), substances that exert choleretic effect and normalize the metabolism of hormones in the liver (corn columns with stigmas, yarrow grass, barberry root), regulate the menstrual cycle (leaves of sage, nettle leaves).

Conclusion. Based on the chemical structure and pharmacological activity of active ingredients extemporaneous composition of medicinal plant substantiates for complex pharmacocorrection recipe of mastitis were defined. Extemporaneous assembly will enrich the range of local pharmacies that cause positive results in the treatment of this pathology, saving women's health and reproductive function.