

## **DEVELOPMENT OF COMPOSITION OF EXTEMPORANEOUS SPECIE FOR TREATMENT OF MASTITIS**

Maaroufi Walid, Buzian Anuar, Vyshnevskaya L. I., Zuykina S. S.

The National University of Pharmacy, Kharkiv, Ukraine

atl@nuph.edu.ua

Mastopatia is a dishormonal breast disease, which in breast tissue is proliferation of connective and glandular tissue from forming seal or formation of cysts of various sizes.

The main role in the occurrence of mastitis owned of deficiency of progesterone and estrogen levels increase with the development hyperestrogenii, resulting in proliferation of the epithelium of the alveoli, ducts, connective tissue. Some role can be played by increased of production of prolactin, which regulates growth, development and functional state of the mammary glands.

Women with moderate cyclical or permanent form of mastitis and diffuse fibrous - cystic changes in the structure of the breast conservative therapy is carried out using both hormonal therapy and nonhormonal therapies.

In the treatment of mastitis commonly used herbs that have diuretic, sedative, hypotensive effect.

To date, topical herbal medicine market research and collections. Primarily, this is due to the increasing interest of the population to drugs based on plant material. The second factor is the population distribution of national traditions of herbal remedies. The basis for this choice is more active attitude of the population towards their own health and the risks involved in the use of synthetic drugs. And, of course, not to mention the fact that the modern consumer is increasingly inclined to buy herbs and charges not only for treatment but also for prevention of disease.

The aim of our work was to develop a multi-part collection for use in the treatment of mastitis.

During the work the literature data on the etiology, pathogenesis and pharmacological correction of mastitis was examined: market research domestic market hormonal, non-hormonal drugs and medicines was conducted. Analyzing the results of studies have found that consumers Ukraine under-economically affordable medicines for complex treatment of this pathology.

In view of the above, we theoretically and experimentally proved composition of multicomponent extemporaneous specie for treatment of mastitis. Using modern technological methods of influence of the degree of grinding, packaging type and time insisting on quality indicators of developed spesie were studied.