



OBTAINING TECHNOLOGY OF THE RHEUMATOID ARTHRITIS OINTMENT

Oboroc Veronica

Moldova State University, Moldova

Rheumatoid arthritis (RA) is a chronic disease of inflammatory immune system, with unknown etiology and autoimmune pathogenesis. This disease is distinctive by symmetrical articular progressive affection, being distorting and destructive as well as multiple systemic manifestations.

AR represents approximately 10% of all rheumatic diseases. The prevalence is about 1.7% for women and 0.7% for men. People of young age are the most affected.

The purpose of this paper is to develop an anti-rheumatic salve combining active substances as ibuprofen - diclofenac sodium.

To achieve the goal, we had investigated two complexes with different mass ratios of active substances.

After determining the physico-chemical ointments obtained it was determined that they meet the requirements of pharmacopoeia.

I propose complex II as the most effective therapeutic option in improving clinical symptoms of patients with rheumatoid arthritis.

The semipermeable membrane method has been observed that in complex whose weight ratio is 1: 2 (diclofenac sodium: ibuprofen), gradual release of active substances, with an increase in concentration, and thus manifesting defer therapeutic effect.

It is proposed that the mixture of diclofenac sodium - ibuprofen in a ratio of 1: 2 as an antirheumatic remedy.