

ANALYSIS OF MORBIDITY AND MORTALITY OF PATIENTS WITH RHEUMATOID ARTHRITIS IN THE WORLD

Skyba A., Kurylenko Yu., Podkolzina M.

National University of Pharmacy, Kharkiv, Ukraine

Introduction. Rheumatoid arthritis is the second most common form of arthritis after osteoarthritis. In women, it occurs three times more often than in men.

Rheumatoid arthritis occurs as a result of changes in the body's immune system, which (for unknown reasons) attacks the soft tissues of the joints, causing inflammation, swelling and pain. If the process continues, damage to cartilage and other soft tissues can cause deformity of the joints. Currently, the incidence is growing worldwide and is already more than 126 million cases.

The aim of the study. Due to the high rate of spread of rheumatoid arthritis, an analysis of the morbidity and mortality rates of this pathology in the countries of the world was carried out.

Methods of research. Analytical, statistical methods and generalization of information are used in the work.

Main results. The results of a multicenter study, supported by WHO and the Rheumatology Association of America, showed that cases of arthritis increased by 7.5% compared with 2000, reaching about 256.8 cases among the expensive population. For example, according to GlobalData research, the United States will have one of the highest annual growth rates of incident cases of arthritis from 8 million from 2017 to 2027, mainly due to population changes.

The incidence of the disease increases with age: in the 45-54 age group it is 0.86%, in the 55-64 age group - 1.23%, among people aged 65 and over - 0.75%. It is estimated that in the period 2015-2018: about 52 million adults in Europe had arthritis diagnosed by a doctor. Also, more than 12 million patients turned to health professionals and reported limited activity due to arthritis.

The forecast for the number of working-age population of patients with rheumatoid arthritis in 2040 notes that the number of patients will increase by 49% and will reach 79 million or 25.8% of the total adult population. The number of patients who will partially or completely lose their ability to work due to illness will also increase by 53% or will be 34.7 million.

An analysis of mortality rates due to rheumatoid arthritis showed that over the past 20 years, the largest number of cases was in France, an increase in mortality of 25.3%, in second place - Israel 16.3%, in third - Finland 15.7%, in fourth - Poland 14.2% and the fifth - New Zealand 13.9%, respectively. The lowest rates were noted in Italy 0.7%, Hong Kong 0.8%, Canada 0.9%, Hungary 1.0%, Czech Republic 1.6%, Scotland 2.2%.

Conclusions. Considering the increase in the incidence of rheumatoid arthritis in patients of working age, timely diagnosis and correctly selected therapy are important.