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RETROSPECTIVE ANALYSIS OF GENERAL MORBIDITY OF POPULATION OF BREST REGION (2007-2017)

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Abstract: the work analyzes the general morbidity of the population of the Brest region for the period 2007-2017; the long-term dynamics of general and primary morbidity among adults and children was studied.

Keywords: primary morbidity, general morbidity, average annual rate, annual rate.

In the course of the study, it was found that diseases of the genitourinary system have a pronounced increase among the primary morbidity, while in the general structure there is an increase in the incidence of diseases of the eye and its adnexa, circulatory system and urinary system.

When analyzing the dynamics, a tendency towards an increase in the overall incidence was observed, while in the structure of the primary structure there was neither an increase nor a decrease.

The average annual rate of general morbidity (A0) was 133157.5 per 100 thousand population. The annual trend indicator (A1) is 1958.9 per 100 thousand population. The average annual primary morbidity rate (A0) was 69,478.9 per 100 thousand population. The annual trend indicator (A1) is 36.7 per 100 thousand people.

From the data obtained, we observed annual fluctuations in the incidence of both general and primary diseases, with periods of growth and decline. The calculated values of annual growth rates have revealed that the highest values of annual growth rates were noted: for primary morbidity in 2009 (15.04%), for general morbidity in 2017 (9.94%).

When analyzing the dynamics of the primary morbidity of the population of the Brest region, an increase in the incidence of diseases of the genitourinary system, musculoskeletal system and connective tissue, diseases of the skin and subcutaneous tissue, the eye and its adnexa was revealed. Moreover, the analysis of the dynamics of the general morbidity of the population of the Brest region revealed a steady increase in the incidence of diseases of the eye and its appendage, diseases of the circulatory system and urinary system, musculoskeletal system and connective tissue.

The dynamics of the overall morbidity of the adult and child population of the Brest region revealed a steady upward trend. It is noted that the level of morbidity of the child population exceeds that of the adult by 0.5 – 0.75 times. Analysis of the dynamics of primary morbidity in the children's population of the Brest region revealed a steady upward trend, while the primary morbidity of the adult population was recorded at approximately the same level. It was found that the level of primary morbidity of the child population exceeds that of the adult population by 2 – 2.5 times.

The results obtained in the course of the study can be used as a definite step towards improving prevention and treatment and can be used to develop methods for its correction.

Thus, modern examination, prevention and correct diagnostics, including the performance of various

laboratory tests, allows you to timely identify the disease and choose the appropriate method of treatment, this can be achieved by observing hygienic rules, a healthy lifestyle, as well as timely treatment in health care institution.

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