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Заболевания, связанные с результатом развития прогрессирующего общества, захватывает широкий диапазон проблем, которые возникают из-за изменений в окружающей среде и образе жизни человека - информатизация, общественное развитие, ситуация с радиацией на планете, лечение с помощью лекарственных препаратов, а также склонность к вредным факторам – являются первостепенной причиной всех заболеваний цивилизации.

Ключевые слова: цивилизация, антропогенный, научно-технический прогресс, заболевания общества.

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DISEASES OF CIVILIZATION**Scientific Advisor – Ph.D. in Philology, Associate Professor Artemova O.E.**

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Diseases associated with the result of the development of a progressive society cover a wide range of problems that arise due to changes in the environment and human lifestyle - informatization, social development, the situation with radiation on the planet, treatment with drugs, as well as addiction to harmful factors - are the primary cause of all diseases of civilization.

Key words: civilization, anthropogenic, scientific and technological progress, diseases of society.

Diseases of civilization is a medical term that describes diseases that have become common in modern society, and their appearance is associated with certain aspects of civilization. These diseases usually occur due to unhealthy lifestyle, stress, sedentary work, poor nutrition, environmental pollution, and accelerating growth of scientific and technological progress.

Initially in the modern world it is an environmental crisis that manifests itself. It is important to note that it has a detrimental effect on the development of people, expressed in the possibility of changes in genetic information, demographic imbalance, and increasing environmental pollution.

One of the main reasons for these problems is the rapid increase in scientific and technological progress and the changes in lifestyle associated with it. The emergence of new technologies, the informatization of society and the transition to the post-industrial era lead to changes in all spheres of life and require a person to have new skills and adapt to new conditions. There is a manifestation of the “habitat” - the infosphere, where interaction between people occurs through computers. This can lead to social isolation.

Medicine has significantly influenced the life of humanity, defeating many previously fatal diseases and increasing life expectancy. But, unfortunately, new diseases are being discovered that still defeat the immune system.

These include pathologies of the cardiovascular, nervous, immune, digestive and endocrine systems. Cardiovascular diseases, cancer, pulmonary diseases and diabetes mellitus has become the leading cause of death and disability. stress is an important factor in the occurrence of these diseases.

Our days have rapidly changing, constantly renewed social conditions, but in contrast, biological processes programmed by evolution change extremely slowly. This is an actual cause of diseases associated with life in modern civilization. This problem often manifests itself as the form of neurosis of unreacted emotions, which underlies the development of many diseases.

An increase in labor automation leads to a decrease in human physical activity, causing physical inactivity. Previously, physical labor accounted for 98 per cent of all human activity, now it has dropped to about 2 per cent [1].

Anthropogenic civilization is characterized by the rapid growth of all types of industry. Because of this, a new group of diseases has arisen, previously unidentified - occupational diseases. These diseases are caused by exposure to production factors such as dust, etc. on the body.

As a result of nuclear weapons testing, which lasted about 40 years, 12.5 tons of radioactive substances were released into the biosphere [2,c.243], which greatly influenced the increase in the number of cancer diseases. Over the past 20 years alone, an increase in incidence by 1.7 times has been revealed [3,c.15].

People working in the field of television, radar, radio navigation, radio astronomy are exposed to electromagnetic waves of radio frequencies, which can lead to hyperthermia of the body, damage to the nervous, cardiovascular and reproductive systems. In the modern world, cell phones, which are a source of electromagnetic radiation that directly affects the brain, have become widespread.

Every year, up to 30 per cent of patients in the hospital are treated for diseases caused by the use of drugs [1]. Almost all medications have side effects. Today, it has been established that many diseases have a medicinal etiology.

Modern development is characterized by an increase in the number of diseases associated with smoking, alcoholism, drug addiction, and other human preferences that negatively affect health. This leads to an increase in cancer, mental retardation and personality degradation, especially in young people.

Tuberculosis has claimed many lives throughout time. In 1993, the World Health Organization (WHO) declared tuberculosis a "worldwide danger" problem. Today, a one third of the population is infected with this disease [5].

Neoplasms these days also occupy an important place. Tumor-like formations at the beginning of the 20th century were isolated cases, but in 1970, 50,000 cases were already registered in the USSR [4].

Obesity is also a serious health problem in many economically developed countries, including the United States. It is associated with excess accumulation of body fat due to unregulated food intake and lack of physical activity.

The causes of obesity are varied, and include not only poor nutrition and a sedentary lifestyle, but also genetic predisposition, psychological factors and environment. It is noted that the food industry often uses preservatives and additives in its products, which in some cases may be associated with the development of obesity.

The spread and emergence of new diseases in the future is a possibility that we cannot completely rule out. Therefore, the priority tasks for humanity remain the protection of health and the environment, the fight against the most dangerous diseases that pose a threat to our existence on Earth.

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