

## USE OF INNOVATIVE METHODS IN PASSING THE SUBJECT OF INFECTIOUS DISEASES OF THE NERVOUS SYSTEM FROM HOSPITAL PEDAGOGICAL SCIENCE

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### ANNOTATION

This article provides for the study of infectious diseases of the nervous system. Also, the causative agents and the causes, symptoms of diseases such as meningitis, encephalitis, poliomyelitis and their complications. Study of this topic on new pedagogical technologies and innovative methods.

**Key words:** infectious, disease, nervous system, meningitis, encephalitis, poliomyelitis, causes, symptoms, complications, prevention.

Decision of the President of the Republic of Uzbekistan. In accordance with the decisions of the President of the Republic of Uzbekistan Sh.M. Mirziyoyev, the Concept of prevention of non-communicable diseases in 2019-2022, supporting a healthy lifestyle of the population and increasing the level of physical activity and non-communicable diseases in 2019-2022 The program of measures to prevent, support a healthy lifestyle of the population and increase the level of physical activity was approved. In the present period, the infectious disease COVID-19 has spread to the world and turned into a pandemic, causing the death of many people. The world's leading specialists study the virus, find a cure, and work together to protect the health of the population.

Infectious diseases of the nervous system - in most cases, children affected by forms of neuroinfection such as meningitis, encephalitis, meningo-encephalitis make up the majority of students sent to special schools. In addition, children with various forms of damage to the nervous system due to brain diseases, blood vessels and rheumatism are observed.

Pathogens are various types of microbes and viruses that damage the nervous system and are united by the general term neuroinfection. A child's experience with these diseases causes damage to neuropsychic functions such as vision, hearing, speech, and thinking. Sometimes the complications are persistent and prevent the child from studying in a public school. Meningitis, encephalitis, poliomyelitis are common infectious diseases in children.

Meningitis is an inflammation of the meninges, caused by meningococci, streptococci, and pneumococci. . Infection occurs when the carrier of the bacillus is playing, when seen, through other objects used by the carrier of the bacillus, such as common towels, handkerchiefs. It begins with fever, vomiting, skin rashes, severe headache attacks, sometimes followed by unconsciousness. One of the characteristic features of the disease: as a result of the pathological tension of the neck muscles (neck stiffness), the head is thrown back, the legs are bent to the abdomen with half-bent knees (Kerr's symptom), excess of skin sensation (hyperesthesia), light The signs of fear are disturbing.

Usually, hearing loss after meningitis is manifested by bilateral hearing loss or deafness. Hearing loss in early childhood meningitis can lead to impaired speech development and deafness. Encephalitis is accompanied by both general brain symptoms and focal symptoms.

Common brain symptoms include fainting, headache, dizziness, vomiting, and changes in breathing and pulse. Focal symptoms appear in connection with the location of the inflammatory process in different parts of the brain.

Congenital defects of the nervous system, general somatic weakness, rickets, harmful effects of living conditions, weakness of the body's immuno-biological properties are included among these reasons. The course of the disease is characterized by a disturbance of certain functions in the field of movement, speech, mental health, which forms a complex symptom complex, sometimes it is reflected in the form of paralysis and paresis along with tremors of the hands and head. Also, children's attention function is damaged, their activity is weakened.

Therefore, they often continue their education in special (assistant) schools.

Poliomyelitis is an acute infectious disease characterized by damage to the central nervous system, mainly the spinal cord, sometimes the brain. Along with various catarrhal events, it is noted that after a short-term period of fever, scattered paralysis of the arms, legs, body, and in some cases, the face began.

The causative agent of poliomyelitis is a filterable virus discovered by Landsteiner and Popper. This virus belongs to the family of enteroviruses, which includes Coxsackie and Yesno viruses. This virus is very resistant in the environment. During hypovinosis, when a person is more stressed, susceptibility to poliomyelitis increases. After being sick with poliomyelitis, a stable immunity remains.

It is possible to use innovative methods on the subject: case study, situation study, analysis, FSMU technology, division into clusters, problematic issue, decision-making methods and video clips, presentation methods. For example:

Case study method. Case-stadi is an educational method based on the study of specific situations, analysis and achievement of socially significant results. Individual and small group problem solving can be found step by step. Case solution and recommendations (in small groups, individually and by the teacher)

Studying and analyzing the situation. In this, concrete life situations related to some issues of the topic will be revealed, comrade. Students will be asked to think about ways to get out of this situation and express their opinions. For example, when the topic of "Infectious diseases of the nervous system" is discussed, such a situation may arise: "How can diseases of the nervous system occur, especially what can cause the emergence of infectious diseases of the nervous system?" At the end of the discussion, the teacher summarizes the situation with a question. For example, "What did we learn about?", "What conclusion can we come to?", "What should you do so that you do not get into such a situation in life?"

"Cluster" (set, connection method. This method is based on the stock of pre-existing knowledge, knowledge on the subject, concepts. The teacher writes the main word on the board, students fill in the main word or the solution of this word the teacher collects the words spoken by the students around the "Cluster" and forms a logical chain.

FSMU technology. This technology teaches listeners to defend their opinions, to think freely and to convince others of their opinion, to openly argue, to analyze the acquired knowledge, to evaluate the extent to which they have acquired it, and to teach the listeners the culture of debate. This technology is implemented in the order that the listeners express their thoughts on paper in clear and short cases, stating the supporting evidence or negative opinions. F -

express your opinion, S - give a reason for your opinion. M-give an example that explains the reason given. Summarize your opinion.

Conducting classes using the above innovative methods increases students' interest and activates them, gives them the opportunity to think freely, and allows them to master the subject in depth.

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