


Ministry of science and high education RF Ulyanovsk State University	Form	
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**ANNOTATION
WORKING PROGRAM OF DISCIPLINE**

"Neurology, medical genetics , neurosurgery "

Specialty 31.05.01 "General Medicine "

1. Goals and objectives of the discipline

Objectives mastering the discipline:

- Training the methods of examining the nervous system, identifying symptoms and syndromes of the nervous system, making a topical diagnosis, as well as gaining knowledge about the pathogenetic and symptomatic treatment of neurological patients.

Tasks of mastering the discipline:


1. To teach students the ability of neurological examination and identification of symptoms of damage to the nervous system, the ability to combine symptoms into syndromes and make a topical diagnosis.
2. To give students modern knowledge of the etiology, pathogenesis, clinic, diagnosis, treatment and prevention of major diseases of the nervous system.
3. To Form clinical neurological thinking in students, the ability to independently diagnose the most common neurological diseases, to treat urgent neurological conditions and prevent diseases of the nervous system.

Place of discipline in the structure of the OOP VO (VPO)

Discipline " Neurology, medical genetics, neurosurgery " is included in the basic part of the structure of the educational program 31.05.01. «General medicine». professional cycles. The total complexity is 5 SET (180 academic hours).

3. Requirements for the results of mastering the discipline

Code and name of competency	List of planned learning outcomes by discipline (module), correlated with indicators of achievement of competencies
OPK-8 Able to implement and monitor the effectiveness of the patient's medical rehabilitation, including in the implementation of individual rehabilitation and rehabilitation programs for the disabled, to assess the patient's ability to carry out labor activities	Know: population health indicators, factors shaping human health (environmental, professional, climatic, endemic, social, epidemiological, psycho-emotional, diseases associated with the adverse effects of climatic and social factors; the basics of preventive medicine, the organization of preventive measures aimed at strengthening the health of the population; methods of sanitary and educational work; etiology, pathogenesis and preventive measures for the most common diseases; modern classification of diseases; clinical picture, characteristics of the course and possible complications of the most common diseases occurring in a typical form in different age groups; diagnostic methods, diagnostic the possibilities of methods of direct research of a patient of a therapeutic, surgical and infectious profile, modern methods of clinical, laboratory instrumental examination of patients (including endo scopic, radiological methods, ultrasound diagnostics); methods of treatment and indications for their use; the mechanism of the therapeutic action of physiotherapy exercises and physiotherapy, indications and contraindications to their appointment, the peculiarities of their implementation; diagnostic significance of morphogenetic variants of diseases; congenital anomalies; professional, genetic). Be able to: to plan, analyze and evaluate the quality of medical care, the state

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	<p>of health of the population and the influence of environmental and working environment factors on it; to participate in the organization and provision of treatment and prophylactic and sanitary and anti-epidemic assistance to the population, taking into account its social and professional (including professional sports) and age and sex structures; carry out preventive, hygienic and anti-epidemic measures; determine the patient's status: collect anamnesis, interview the patient and / or his relatives, conduct a physical examination of the patient (examination, palpation, auscultation, blood pressure measurement, determination of the properties of the arterial pulse, etc.); assess the patient's condition in order to make a decision on the need to provide him with medical care;</p> <p>Own: public health assessments; methods of general clinical examination; interpretation of the results of laboratory, instrumental diagnostic methods; correct maintenance of medical records; an algorithm for a detailed clinical diagnosis; an algorithm for making a preliminary diagnosis with the subsequent referral of the patient to the appropriate specialist doctor</p>	
<p>PK-2 Readiness to collect and analyze patient complaints, medical history, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize the state or establish the presence or absence of a disease</p>	<p>Know The main complaints and data from the analysis of the patient's history, the mechanism of the onset of clinical neurological symptoms and the principles of their grouping into clinical syndromes, the clinical picture, course features and possible complications of the most common diseases of the nervous system.</p> <p>To be able to: Identify and justify neurological syndromes, taking into account the identified clinical symptoms and knowledge of the mechanisms of their development. To choose and use in professional activity the possibilities of various methods of clinical and immunological examination and assessment of the functional state of the body for timely diagnosis of neurological disease.</p> <p>Own: Methods of general clinical examination (interrogation, collection of objective and subjective information) in order to diagnose the main clinical neurological syndromes, with diseases of the nervous system</p>	
<p>PK-3 Readiness to manage and treat patients with various nosological forms on an outpatient basis and in a day hospital</p>	<p>Know: The principles of management and treatment of patients with various nosological forms in an outpatient day hospital.</p> <p>Be able to: To diagnose and treat patients with various nosological forms on an outpatient basis and in a day hospital, according to the standards of diagnosis and treatment based on the principles of evidence-based medicine</p> <p>Own: The tactics of managing patients with various nosological forms on an outpatient basis and in a day hospital, taking into account the standards of diagnosis and treatment</p>	

4. Educational technology

During the development of the discipline in the classroom the following educational technologies are used: Problem lecture (visualization), Discussion with Brainstorming
The following educational technologies are used in the organization of independent work of classes: independent study of sections, study and repetition of the lecture material and textbook materials and training manuals, preparation for practical training, control, etc.

5. Performance monitoring

A form of reporting is provided by this discipline: exam.