

PRIVATE HIGHER EDUCATIONAL INSTITUTION  
"INTERNATIONAL ACADEMY OF ECOLOGY AND MEDICINE"  
Department of Surgical Diseases with the course of Obstetrics and  
Gynecology and the course of Pediatrics and Children's Infectious Diseases

**SYLLABUS  
EDUCATIONAL DISCIPLINE**

**" Neurology including neurostomatology"**

*LEVEL OF HIGHER EDUCATION Second (master's) level*

*DEGREE OF HIGHER EDUCATION Master*

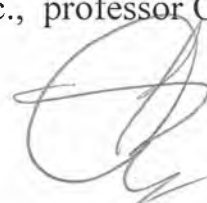
*FIELD OF KNOWLEDGE 22 Healthcare*

*SPECIALTY 221 Dentistry*

Considered and approved at the meeting of the  
Department of Surgical Diseases with the course of Obstetrics and Gynecology  
and the course of Pediatrics and Children's Infectious Diseases

Protocol № 1 from "01" September 2020

Doc.Med.Sc., professor O.O. Goncharuk



Kyiv 2020 .

<b>1. general information</b>	
<b>Subjects</b>	Neurology incl. Neurostomatology
<b>Teacher (s)</b>	Trinus K. F.
<b>Teacher's contact phone number</b>	+38(063)075- 06-84
<b>Teacher's e-mail</b>	Anutamischuk@gmail.com
<b>Discipline format</b>	Normative discipline
<b>The scope of discipline</b>	45
<b>Link to the distance learning site</b>	
<b>Consultations</b>	During the semesters in accordance with graphics
<b>2. Discipline abstract</b>	
The subject of studying discipline is the regularity of the functioning of the nervous system and the peculiarities of clinical manifestations of neurostomatological diseases.	
<b>3. The purpose and objectives of the discipline</b>	
<i>The purpose of studying the discipline " Neurology incl. Neurostomatology ":</i>	
<p><b>The purpose</b> of teaching the discipline "Neurology, incl. Neurostomatology "is to study the main symptoms and syndromes of the nervous system, determination of etiological factors and pathogenetic mechanisms of development of basic neurostomatological diseases, planning tactics of conducting a neurostomatological patient and improving knowledge about the peculiarities of the structure and functioning of various nervous systems, mastering the method of research of neurological status, studying the etiopathogenetic features , clinical manifestations, differential-diagnostic features and modern directions and algorithms for the treatment of various diseases of the nervous system and including neurostomatological.<i>The objectives of styding the discipline " Neurology incl. Neurostomatology ":</i></p>	
<p><b>The main tasks</b> are:</p> <ol style="list-style-type: none"> <li>1. Analyze the data of the examination of neurostomatological patients;</li> <li>2. To determine the leading symptoms and syndromes in the most common neurological pathology;</li> <li>3. Provide emergency medical care in urgent states in the clinic of nervous diseases;</li> <li>4. Plan tactics of dental patient with neurological pathology;</li> <li>5. To conduct differential diagnosis of diseases in the clinic of neurostomotology;</li> <li>6. Conduct examination of neurostomatological patients;</li> <li>7. Put a diagnosis in urgent conditions in the clinic of nerve diseases;</li> <li>8. Put a preliminary clinical diagnosis of neurostomatological pathology;</li> <li>9. Put a syndromic diagnosis of neurostomatological pathology</li> </ol>	
<b>4. Learning outcomes (competencies)</b>	
As a result of studying the discipline " Neurology incl. Neurostomatology "	
<b>KNOW:</b>	
<ul style="list-style-type: none"> <li>• theoretical bases, modern principles of evidence-based medicine;</li> <li>• theoretical foundations of general neurology (basic neurological symptoms and syndromes of damage to various nervous system);</li> <li>• theoretical foundations of neurostomatology (diagnostic criteria for basic neurological and neurostomatological diseases, laboratory and instrumental research methods in neurological practice).</li> </ul>	
<b>• BE ABLE TO:</b>	
<ul style="list-style-type: none"> <li>• to explore neurological status;</li> <li>Diagnose the basic neurological and neurostomatological symptoms and syndromes,</li> </ul>	

<ul style="list-style-type: none"> <li>to determine the etiological factors and pathogenetic mechanisms of development of basic neurological and neurostomatological diseases;</li> <li>to formulate a clinical diagnosis;</li> <li>to appoint adequate laboratory and instrumental research methods;</li> <li>to provide emergency assistance with basic neurological diseases;</li> <li>to develop rehabilitation and prophylactic measures of basic neurological diseases</li> </ul>						
<b>5. Organization of the study of the discipline</b>						
<i>The volume of the course</i>						
<b>Type of lesson</b>		<b>Total number of hours</b>		<b>45</b>		
Lectures				10		
Seminars				30		
Independent work				5		
<i>Signs of the course</i>						
Semester	Specialty	Course (year of study)	Normative / selective			
8	221 Dentistry	4	Normative			
<i>Course topics</i>						
Theme, plan		Form of employment	literature	Tasks, hours	Estimation weight	Deadline
<b>Content Module 1. Neurology</b>						
<b>Topic 1.</b> Principles of structure and functioning of the nervous system. Arbitrary movements and their violations. Pyramid system. Symptoms of central and peripheral paresis. Extra Pyramid the system and syndromes of its lesion.		practical	1- 9	6 hours	13,3	According to the schedule
<b>Topic 2.</b> Cerebellum, cerebellum lesion syndromes. Sensitive system and symptoms of its defeat. Types and types of sensitivity violations Pathology of olfactory and visual analyzers. Syndromes of lesions of the ocean nerves. Localization of functions in the cerebral cortex. Lesion syndromes. Spinal fluid, its changes. Meningeal syndrome		practical	1-9	6 hours	13,3	According to the schedule
<b>Topic 3.</b> Epilepsy and non-epileptic paroxysmal states. Infectious diseases of the nervous system. Demyelinizing diseases of the nervous system.		practical	1-8	6 hours	13,3	According to the schedule
<b>Content module 2. Neurostomatology.</b>						
<b>Topic 4.</b> True, face, supply and great news and systems of their leavation. Neuralgia trigeminal nerve. Neuropathy trigeminal nerve and its separate branches. Yatrogenic neuropathy of the trigeminal nerve.		practical	9-15,17	6 hours	13,3	According to the schedule

<b>Topic 5.</b> Pathology IX - XII pairs of cranial nerves. Bulbar and pseudobulbar syndromes. Neuropathy of the facial nerve. Syndromes of the lesions of the laryngo-pharyngeal, wandering and hypoglossal nerves. Differential test.	practical	14-18	6 hours	13,3	According to the schedule
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## 6. Course evaluation system

### General course evaluation system

Current control is based on the control of theoretical knowledge, skills and abilities in practical classes. The student's independent work is assessed in practical classes and is part of the final assessment of the student. Current control is carried out during classes and aims to verify the assimilation of students' learning material. Forms of current control are:

- a) test tasks with the choice of one correct answer, with the definition of the correct sequence of actions, with the definition of compliance;
- b) individual oral examination, interview;
- c) solving typical situational problems;
- d) control of practical skills;

e) solving typical tasks of diagnosis, medical care, medical evacuation, treatment and prevention. Grades in the national scale ("excellent" - 5, "good" - 4, "satisfactory" - 3, "unsatisfactory" - 2), received by students, are displayed in the journals of attendance and academic group performance.

Final control of learning success is carried out in the form of diff. credit (oral and test tasks).

The maximum number of points that a student can score for current educational activities for admission to the PC is 120 points.

The minimum number of points that a student must score for the current academic activity for admission to the exam is 72 points. The calculation of the number of points is based on the grades obtained by the student on the traditional (national) scale during the study of the discipline during the semester, by calculating the arithmetic mean (CA), rounded to two decimal places.

Assessment of students' independent work. Students' independent work, which is provided by the topic of the lesson along with the classroom work, is assessed during the current control of the topic in the relevant lesson. Assimilation of topics that are submitted only for independent work is checked during the final module control.

**Table 1. Conversion of the average grade for current activities in a multi-point scale (for disciplines that end with an exam (differentiated credit))**

4-point scale	120-point scale	4-point scale	120-point scale	4-point scale	120-point scale	4-6point scale	120-point scale
5	120	4,45	107	3,91	94	3,37	81
4,95	119	4,41	106	3,87	93	3,33	80
4,91	118	4,37	105	3,83	92	3,29	79
4,87	117	4,33	104	3,79	91	3,25	78
4,83	116	4,29	103	3,74	90	3,2	77
4,79	115	4,25	102	3,7	89	3,16	76
4,75	114	4,2	101	3,66	88	3,12	75
4,7	113	4,16	100	3,62	87	3,08	74
4,66	112	4,12	99	3,58	86	3,04	73
4,62	111	4,08	98	3,54	85	3	72
4,58	110	4,04	97	3,49	84	Less 3	Not end
4,54	109	3,99	96	3,45	83		
4,5	108	3,95	95	3,41	82		

The maximum number of points that a student can score during the final control of the student's acquisition of knowledge is 80 points.

**Table 2. Scale of assessment of differentiated (exam) credit:**

National scale	Score scale
«5»	70-80
«4»	60-69

	<b>«3»</b>	<b>50-59</b>
	<p>Assessment of the final control is considered credited if the student scored at least 60% of the maximum amount of points (for a 200-point scale - at least 50 points).</p> <p>The final number of points that the student scored in the discipline is defined as the sum of points for the current educational activity (Table 1) and for the final control (differentiated credit) (Table 2).</p>	
Requirements for final test control	<p>The final test control is credited to the student if he demonstrates the possession of practical skills and scored at least 50 points in the test control of theoretical training.</p> <p>The maximum number of points for the final control of the student (differential test) - 80 points.</p> <p>Criteria for assessing students for final control are carried out according to the scheme:</p> <p>"2" - 0-49 points;  "3" - 50-60 points;  "4" - 61-70 points  "5" - 71 - 80 points</p> <p>Assessment of the final test task is carried out by dividing the maximum score of the final control - 80 - by the number of test questions in the variant and multiplied by the number of correct test answers of the student.</p>	
Practical training	<b>Module 1</b>	
<b>Classroom work (Content module 1)</b>		
T 1-11	Amount - 200 (The maximum number of points that a student can score for the current educational activity, the minimum is 120 points).	
Control work	0	
Test	20	
Working in pairs	30	
Abstract	50	
Conditions of admission to the final control	Semester control is provided in the form of credit. Provides a final grade on a 200-point scale as the sum of grades for the current control of knowledge (oral examination, tests, examination of abstracts), the results of the content module.	
<b>7. The policy of studying the discipline</b>		
<p>The organization of the educational process is carried out with the use of the European Credit Transfer System (ECTS) to assess student performance. The points gained in the current survey, independent work and points of the final control are credited. This must take into account the student's presence in class and his activity during practical work. Inadmissible: absences and late classes; use of a mobile phone, tablet or other mobile devices during the lesson (except for the cases provided by the curriculum and methodical recommendations of the teacher); copying and plagiarism; untimely performance of the task, the presence of unsatisfactory assessments and more submitted theoretical and practical material.</p>		
<b>8. Recommended literature</b>		
<b>Basza:</b>	<p>Nervous diseases / Vinichuk SM, Dubenko Ye.G ../-K.: Health, 2001.- 696 c.</p> <p>2. Nervous diseases: Tutorial: Per. with ros. / O.A.Yarosh, I.F. Cryvoccho, Z. M. Drachev and others. Ed. Prof.O. Yarosh /.- Kiev: Higher School, 1993.- 487C.</p> <p>3. Neurological pain. Trainer. / E.I. Gusev, V.E. Greek, G.S. Bourd; Ed. E.I.Gusev. - Moscow: Medicine, 1988. - 640 p.</p> <p>4. Bogorodsky D.K., soon A.A., Shvarev A.I. Moving Practical Subscriptions on Nervous Bolenia, L., 1977.</p>	

	<p>5. Skolomets AA Topic diagnosis of the nervous system. M., 1989.</p> <p>6. Graphs of logical structures and algorithms of differential diagnosis. Ternopil, 1986.</p> <p>7. Methodical recommendations to students in clinical examination neurological patient and writing history of illness. Ternopil, 2002.</p> <p>8. Methodical recommendations to students of the faculty of the faculty to practical classes from neurology, Ternopil, 2001</p> <p>9. Methodical instructions for students on the topic "Pharmacotherapy of urgent states in the clinic of nervous diseases." Ternopil, 2004.</p> <p>10. Vinichuk SM, Ilyásh T.I. Collection of test issues and tasks for nerve diseases for medical institutions. K., 1994.</p>
<p><b>Auxiliary:</b></p>	<p>Bolosis of the nervous system. - 2t. Ed. N. N. Yakhno, Dr. Stulman, P.B. Melnichuk. - M., "Medicine", 2007</p> <p>12. Biller H. Practical Neurology: T.1.Diagnostics: -M: Med.Lith, 2008. - 512 p.</p> <p>13. Wein AM, Voznesenskaya T.G., Vorobyova O.V. etc. Vegetative displacement - M., "Medicine", - 1998</p> <p>14. Gusev E.I., Nikiforov A.S., Ghkt A.B. Lekestvnye Middy in Neurologicheskaya Klitnik: Movement for St. - M.: Medpress-Inform, 2003. - 416 p.</p> <p>15. Golubev V.L., Wein A.M. Neurological Silmes. Movement for Vehicles: "Eidos Media", 2002 - 832 p.</p> <p>16. Izobrannye lectures on neurologies / sub. Ed pRF. Golubeva V.L. / . - Eidos Media », 2006. - 624 p.</p> <p>17. Stulman D.R., Levin O.S. Neurology. -M.: Medpress-Inform, 2005. - 944 p.</p> <p>18. Temnentis S.A. Differential diagnostics in neurologies and neurochirurgs. M.: Geotar Media, 2007. -378 p.</p>

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