

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

"PEDIATRICS"

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" березня 2020

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



Kyiv 2020

1. general information	
Subjects	Pediatrics
Teacher (s)	Bobrova V. I.
Teacher's contact phone number	+38(050)280- 66-78
Teacher's e-mail	Bobrova30@ukr.net
Discipline format	Normative discipline
The scope of discipline	90
Link to the distance learning site	
Consultations	During the semesters in accordance with graphics
2. Discipline abstract	
<p>The subject of studying the discipline "Pediatrics" is the most common somatic diseases of childhood. When studying the discipline "Pediatrics" students fix knowledge, obtained during classes on the department of pediatrics, studying pediatrics by 4 courses, passing practices in a children's hospital. Improve the ability to collect anamnesis, systematization of symptoms in syndromes, planning a patient examination, interpretation of laboratory and instrumental research data, conducting differential diagnostics of the most common diseases of the newborn period, basic pathological conditions of the endocrine and hematopoietic system in children, definition of preliminary clinical diagnosis, determination of therapeutic tactics, Appointment of treatment with doses of drugs, conducting resuscitation measures of a newborn child, providing emergency medical care, solving situational tasks, working out practical skills on muds and near the baby's bed, medical documentation.</p>	
3. The purpose and objectives of the discipline	
<i>The purpose of studying the discipline " Pediatrics ":</i>	
<p>The purpose of teaching the educational discipline "Pediatrics" is the acquisition of a student of knowledge and professional skills from the most common somatic diseases in children based on knowledge of age anatomical peculiarities of the child's organism, human anatomy, normal physiology, histology, cytology and embryology, biological and bioorganic chemistry, microbiology, Virology and Immunology, Pathomorphology, Pathophysiology, Pharmacology, Radiology.</p>	
<i>The objectives of stydng the discipline "Pediatrics ":</i>	
<p>The main tasks of studying the discipline "Pediatrics" are:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Assimilation of the main theoretical knowledge of etiology, pathogenesis, clinical manifestations, data of laboratory and instrumental research methods, treatment, prevention and forecast of the most common somatic diseases of childhood. <input type="checkbox"/> mastering the main practical skills and skills skills, differential diagnostics, treatment and emergency assistance in the most common somatic diseases of childhood. <input type="checkbox"/> Formation of students of moral and ethical and deontological qualities in professional communication with a child and persons who carry out child care, as well as the formation of principles of professional subordination in pediatrics. 	
4. Learning outcomes (competencies)	
As a result of studying the discipline <i>Pediatrics "</i>	
KNOW:	
<p>Definition, prevalence, classification, etiology and pathogenesis of the most common somatic diseases of childhood;</p> <ul style="list-style-type: none"> • clinical manifestations of uncomplicated and complicated course of the most common somatic diseases of childhood; • criteria for establishing a preliminary clinical diagnosis of the most common somatic diseases of childhood; • Laboratory and instrumental examination plan for children with the most common somatic diseases of childhood; • criteria for establishing a final clinical diagnosis in the most common somatic diseases of childhood; • treatment of the most common somatic diseases of childhood; 	

- Protocol for the provision of emergency assistance in the most common somatic diseases of childhood;
- Prevention of the most common somatic diseases of childhood;
- forecast in the most common somatic diseases of childhood;
 - Basic principles of medical ethics and deontology in professional communication with a child and persons who exercise child care; The basic principles of professional subordination in pediatrics

BE ABLE TO:

- Determine the etiological and pathogenetic factors of the most common somatic diseases of childhood;
- Identify lead pathological symptoms and syndromes with the most common diseases of childhood;
 - to determine various clinical variants and complications of the most common diseases of childhood;
 - to determine the tactics of patient management with the most common diseases of childhood;
 - demonstrate the ability to conduct medical documentation in the clinic of children's diseases;
 - demonstrate the possession of the moral and deontological principles of the medical specialist and the principles of professional subordination in the clinic of pediatrics;
 - to diagnose and provide emergency assistance with basic urgent conditions in the clinic of children's diseases;
 - to carry out life forecast in the most common somatic diseases of childhood;
 - Diagnose and provide medical assistance in urgent states in the clinic of children's diseases
 - classify and analyze the typical clinical picture of the most common somatic diseases of childhood
 - plan examination of a sick child and interpret the results of the most common diseases of childhood;
 - make a survey plan and analyze the data of laboratory and instrumental surveys with a typical course of the most common somatic diseases of childhood;
 - To interpret the general principles of treatment, rehabilitation and prevention of the most common somatic diseases of childhood.

5. Organization of the study of the discipline

The volume of the course

<i>Type of lesson</i>	<i>Total number of hours</i>	<i>90</i>
Lectures		10
Seminars		30
Independent work		50

Signs of the course

Semester	Specialty	Course (year of study)	Normative / selective
7	221 Dentistry	4	Normative

Course topics

Theme, plan	Form of employment	literature	Tasks, hours	Estimation weight	Deadline
Topic 1. Physical and neuromical development of children. A newborn baby. Method of clinical examination of children.	practical	1- 9, 15,20-23	5 hours	13	According to the schedule
Topic 2. Physical and neuromical development of children. A newborn baby. Method of clinical examination of children.tuberculosis in HIV-positive patients.	practical	1- 9, 12, 14,17-19	5 hours	13	According to the schedule
Topic 3. Rickets and its influence on the formation of the tooth-maxillary system.	practical	1- 12,14,20	5 hours	13	According to the schedule

Topic 4. The most common diseases of respiratory organs, digestion, urinary system in childhood.	practical	1-9, 14,15,19,23	5 hours	13	According to the schedule
Topic 5. The most common diseases of respiratory organs, digestion, urinary system in childhood.	practical	1- 9, 11, 17,19,21	5 hours	13	According to the schedule
Topic 6. Infectious diseases of childhood. Immunoprophylaxis of children's infectious diseases.	practical	1- 12,18,20	5 hours	13	According to the schedule
Diff. test	practical		5 hours	13	According to the schedule

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 enough								
	4,54	109	3,99	96	3,45	83										
	4,5	108	3,95	95	3,41	82										
<p>The maximum number of points that a student can score during the final control of the student's acquisition of knowledge is 80 points.</p> <p>Table 2. Scale of assessment of differentiated (exam) credit:</p> <table border="1"> <thead> <tr> <th>National scale</th> <th>Score scale</th> </tr> </thead> <tbody> <tr> <td>«5»</td> <td>70-80</td> </tr> <tr> <td>«4»</td> <td>60-69</td> </tr> <tr> <td>«3»</td> <td>50-59</td> </tr> </tbody> </table> <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>									National scale	Score scale	«5»	70-80	«4»	60-69	«3»	50-59
National scale	Score scale															
«5»	70-80															
«4»	60-69															
«3»	50-59															
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	Module 1															
Classroom work (Content module 1)																
	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.															
7. The policy of studying the discipline																
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.																
8. Recommended literature																

<p>Basza:</p>	<ol style="list-style-type: none"> 1. Pediatrics: National Textbook / Kryuchko T.O., Abaturov O.E., Kushnereva T.V., etc. - Kiev. - 2015 - 208 p. 2. Pediatrics / Kryuchko T.O., Abaturov O.E., Kushnereva T.V., Gerasimenko O.M. // Tutorial for students of dental faculties of higher educational institutions. Poltava, Dnipropetrovsk. - 2012 - 171 p. 3. Pediatrics in the practice of a family doctor / Banadig N.V. - Ternopil: Ukrmedkniga, 2008. - 340 s. 4. Pediatrics: National Tutorial: 2 t. / Ed. Berezhny VV - K.: 2013. 5. Mission VG, Gnateko O.Z., Burlay VG, Duka K.D., Haytovich M.V. Propedeutic pediatrics. - K., 2009. - 768 p. 6. Hard O.V. Pediatrics. Textbook for students of higher educational institutions IV level of accreditation / Ed. Prof. O. V. Hard / Edition 3rd. - Vinnitsa: New Book, 2009. - 1136 p.
<p>Auxiliary:</p>	<ol style="list-style-type: none"> 7. Aryaev M.L. Neonatology. - Kiev: "Adef-Ukraine", 2006 - 754 p. 8. Captain T.V. Propeditions of children's diseases with child care. - Identity: Vinnytsia Gazeta, 2010. - 868 p. 9. Healthy smell / Ed. WOULD. Kuznik, O.G. Maximovaya.- 3rd ed., Average. and Dop.: Normo book, 2008. - 260 s. 10. Clinical protocol of medical care for a healthy child under 3 years of age. Order of the Ministry of Health of Ukraine No. 149 dated March 20, 2008. - 91 s. 11. Slobodyan L. M. Growth and human development. - Ternopil: Ukrmedknig, 2008. - 152 p. 12. Pediatrics with the course of infectious diseases and bases of immunoprophylaxis: a textbook (for honey. Higher educational institutions and-third level). SK Tkachenko, R.I. POTOKUE, L.V. Besh and others. - Identity: Medicine, 2009. - 560 s. 13. Maidan V.G. Rajit in children: Moving Aspects. - Nezhin: OOO «Aspect-Polygraph», 2006 - 116 p. 14. Fedorts O.E. Algorithms of practical skills in pediatrics. - Ternopil: Ukrmedkniga, 2006.- 167 p. 15. Pediatricia. Izobranny Lektsia: Textual Available Ed. HA. Samshygina. - Identity: Geotar-Media, 2009 - 656 p. 16. Volosovets O.P. Pediatric aspects of children with congenital heart defects. - Ternopil: Ukrmedknig, 2008. - 176 p. 17. Protocol of medical care for a healthy newborn child. Order of the Ministry of Health of Ukraine №152 dated 04.04.2005.- 29 p. 18. Rylova N.Yu. Novovorozhdennye Rebensky.- M.: Exmo, 2008.- 352 p. 19. Pediatricia: Clinical recommendations Ed. AA

	<p>Baranov. - Identity: Geotar-Media, 2009. - 432 p.</p> <p>20. Shamsyev F.S., Erykova N.V. Eco and deontology in pediatricians. - M.: Identity: Normo book, 2005.- 184 p.</p> <p>21. Illustrated Textbook of Paediatrics / Ed.: T. Lissauer, G. Clayden.- Edinburg: Mosby, 2006.- 410 PP.</p> <p>22. FORFAR & ARNEIL'S TEXTBOOK OF PEDIATRICS / ED.: N.MC INTOSH, P.J. HELMS, R.L. SMYTH, S. LOGAN.- EDINBURG: Churchill Livingstone, 2008. - 1687 PP.</p> <p>23. Rudolf M., Levene M.I. Paediatrics and Child Health. - Wiley-Blackwell, 2006 - 432 pp.</p>
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Senior lecturer of the department

A handwritten signature in black ink, appearing to be 'D. J. ...', written over a horizontal line.