

PRIVATE HIGHER EDUCATIONAL INSTITUTION
"INTERNATIONAL ACADEMY OF ECOLOGY AND MEDICINE"
Department of Social Medicine and Preventive Medicine

SYLLABUS
EDUCATIONAL DISCIPLINE

"Infectious diseases"

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 a meeting of the Department of Internal
Medicine with a course in endocrinology Doctor of
~~Medical Sciences~~ Medical Sciences, Postrelko Valentin
Protocol № 1 from " 09 " IX 2020

Kyiv 2020

1. general information		
Subjects	Infectious diseases	
Teacher (s)	Candidate of Medicine Science, docent Shestakova Ivetta Vakhnuk Oksana	
Teacher's contact phone number	050 320-25-03, 067 232-59-68	
Teacher's e-mail	maemendocrinology@gmail.com, sivetta@ukr.net	
Discipline format	Normative discipline	
The scope of discipline	45	
Link to the distance learning site		
Consultations	Not on the program	
2. Discipline abstract		
<p>The educational discipline "Infectious Diseases" provides the opportunity for students of the Dental Faculty at the 4th year of study to master knowledge, skills and practical skills that provide a specialist quickly and properly oriented in situations in the presence of in patients in infectious pathology and other urgent states, avoid fatal errors or Losses time and make priority steps that save the life of a person and / or become good grounds for its successful further treatment in the hospital. The assimilation of discipline is based on knowledge gained by students in the process of studying biology, physiology, microbiology, epidemiology and other basic objects. When capturing discipline "Infectious diseases" are rational to introduce into the educational process of modern world development and standards for basic issues of infectious diseases.</p>		
3. The purpose and objectives of the discipline		
<i>The purpose of studying the discipline "Infectious diseases":</i>		
<p>The purpose of teaching the discipline "Infectious diseases" is the assimilation of theoretical and practical knowledge of etiology, epidemiology, pathogenesis, typical clinical manifestations, diagnostic methods, treatment of infectious pathology.</p>		
<i>The objectives of styding the discipline " Infectious diseases:</i>		
<p>Objectives of training - the main tasks of studying the discipline "Infectious diseases" are mastering knowledge, skills and skills to ensure adaptation of students to patients with an infectious profile; Ability to diagnose, choose appropriate therapeutic and diagnostic manipulations, to provide emergency assistance to patients with infectious pathology.</p>		
4. Learning outcomes (competencies)		
<p>As a result of studying the discipline "Infectious diseases"</p>		
KNOW:		
<ol style="list-style-type: none"> 1. Implementation to abstract thinking, analysis and synthesis 2. Ability to learn and master modern knowledge. 3. Ability to apply knowledge in practical situations. 4. Knowledge and understanding of the subject area and understanding of professional activity. 5. Ability to adapt and action in a new situation. 6. The ability to make substantiated solutions 7. The ability to work in a team. 8. Skills of interpersonal interaction. 9. The ability to communicate in the state language both orally and in writing; 10. The ability to communicate in a foreign language. 11. Skills for using information and communication technologies. 12. Definition and persistence on the tasks and duties taken. 13. The ability to act socially responsibly and consciously. 14. The pursuit of environmental preservation 15. The ability to act on the basis of ethical reasons (motives). 		
BE ABLE TO:		
<p>To apply knowledge in practical situations; perform experimental research and manifest skills on professional topics, adapt to new situations, work efficiently as autonomously and as part of the team; responsibly to treat work with achievement of the goal; use informational and communication technologies to solve various research and professional tasks; to search for information in various sources for solving specialty tasks, to make substantiated decisions with assessing their consequences, to exhibit the ability to public, business and scientific communications; to adhere to the Code of Professional Ethics, moral norms and values, etiquette rules, understand the basic principles of labor protection and life safety in the field of professional activity; Ability to diagnose, choose appropriate therapeutic and diagnostic manipulations, to provide emergency assistance to patients with infectious pathology. Results of training for discipline: mastering the basic principles of organization of assistance to infectious patients, clinical and laboratory and additional methods of diagnosis of infectious pathology; Etiology, pathogenesis, clinic, diagnostics and methods of treatment of infectious diseases (within the curriculum); etiological, pathogenetic factors, clinical manifestations and diagnosis of urgent states; carrying out the main methods of general clinical examination of the patient (survey, review, palpation, auscultation), determining the scope of additional research and analysis of the data obtained to establish a preliminary diagnosis; performance of general medical manipulations (injections, stomach washing, etc.); Providing necessary assistance in shock, como, allergic reactions, asphyxiation, medical documentation.</p>		
5. Organization of the study of the discipline		
<i>The volume of the course</i>		
Type of lesson	Total number of hours	45
Lectures		6
Seminars		24
Independent work		15

<i>Signs of the course</i>						
Semester	Specialty	Course (year of study)	Normative / selective			
7	221 Dentistry	4	Normative			
<i>Course topics</i>						
Theme, plan	Form of employment	literature	Tasks, hours	Estimation weight	Deadline	
Topic 1. GRVI. Clinical features and prophylaxis of influenza.	Lecture	Basic, auxiliary - in accordance with paragraph 8	2 hours	2	According to the schedule	
Topic 2. Diarrheic syndrome due to bacterial infection. Salmonellosis. Nutritional toxicoinfections, emergency assistance.	Lecture	Basic, auxiliary - in accordance with paragraph 8	2 hours	2	According to the schedule	
Topic 3. Viral hepatitis with a parenteral transmission mechanism	Lecture	Basic, auxiliary - in accordance with paragraph 8	2 hours	2	According to the schedule	
Topic 4. HIV infection. HIV-associated infections and invasion.	Lecture	Basic, auxiliary - in accordance with paragraph 8	2 hours	2	According to the schedule	
Topic 5. The concept of infectious process and infectious diseases. Principles of diagnostics. Prevention and immunoprophylaxis of infectious diseases. Complications of drug use.	practical	Basic, auxiliary - in accordance with paragraph 8	2 hours	2.	According to the schedule	
Topic 6. Diarrheic syndrome due to bacterial infection. Salmonellosis. Nutritional toxicoinfections, emergency assistance. Helminthosis	practical	Basic, auxiliary - in accordance with paragraph 8	2 hours		According to the schedule	
Topic 7. Shigelloses. Viral lesions of the gastrointestinal tract. Enterovirus (including poliomyelitis), rotavirus diarrhea. Botulism. Diarrhea travelers. Lyme disease. Leptospirosis.	practical	Basic, auxiliary - in accordance with paragraph 8	2 hours	2	According to the schedule	
Topic 8. GRVI. Prevention and immunoprophylaxis of influenza ..	practical	Basic, auxiliary - in accordance with paragraph 8	2 hours	2	According to the schedule	
Topic 9. Meningococcal nasopharyngitis. Prevention and immunoprophylaxis of meningococcal infection.	practical	Basic, auxiliary - in accordance with paragraph 8	2 hours	2.	According to the schedule	
Topic 10. Children's infections in adults. Cyrus, rubella, epidemic mumps. Immunoprophylaxis of bark, rubella, epidemic mumps.	practical	Basic, auxiliary - in accordance with paragraph 8	2 hours	2	According to the schedule	
Topic 11. Clinical characteristics of Angin. Diphtheria. Immunoprophylaxis of diphtheria.	practical	Basic, auxiliary - in accordance with paragraph 8	2 hours	2	According to the schedule	
Topic 12. Viral hepatitis with a parenteral transmission mechanism. Clinic, diagnostics, treatment.	practical	Basic, auxiliary - in accordance with paragraph 8	2 hours	2	According to the schedule	
Topic 13. Prevention and immunoprophylaxis of viral hepatitis A and B. Features of infection in conditions of dental	practical	Basic, auxiliary - in accordance with	2 hours	2	According to the schedule	

practice. Planned and emergency prevention of infectious diseases. Individual prevention.		paragraph 8			
Topic 14. AIDS-associated infections accompanied by lesion of the mucous membrane of the oral cavity	practical	Basic, auxiliary - in accordance with paragraph 8	2 hours	2	According to the schedule
Topic 15. Herpetic viral infections - HSV, VZV, EBV, CMV. Clinical characteristics of a simple herpes. Treatment and prevention.	practical	Basic, auxiliary - in accordance with paragraph 8	2 hours	2	According to the schedule
Topic 16. Zoonoses that run with oroscope lesion: tularemia, anthrax, footmth, listeriosis.	practical	Basic, auxiliary - in accordance with paragraph 8	2 hours	2	According to the schedule
Topic 17. Classification of antibacterial drugs on mechanism and type of action.	independent	Basic, auxiliary - in accordance with paragraph 8	4 hours	4	According to the schedule
Topic 18. Botulism	independent	Basic, auxiliary - in accordance with paragraph 8	4 hours	4	According to the schedule
Topic 19. General concept of helminthiasis.	independent	Basic, auxiliary - in accordance with paragraph 8	4 hours	4	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		

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	Assessment of the
	«3»	50-59	
<p>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	Module 1		
Classroom work (Content module 1)			
T 1-19	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	2		
Working in pairs	24		
Abstract	26		
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			
Basza:	<p>Infectious diseases. Textbook for students of higher medical educational institutions IV level of accreditation / Golubovskaya O.A, Gerasun B.A., Zinchuk O.M. and others / ed. O.A. Golubovskaya. - K.: VSV "Medicine", 2018. - 688 p. Atlas of infectious diseases [MA Andreichin, VS Kopcha, S.O. Kramarev et al.]; ed. MA. Andreyca.- 3-TEE view., VPR. and supplemented. - Lviv: Magnolia, 2019.- 296 p. Infectious diseases: Tutorial: 2 t. / Ed. VP Small, M. A. Andreychina. - Lviv: Magnolias 2006, 2018. - T. 1. - 718 p.; T. 2. - 726 s Veя N.I.I. Infectious and parasitic diseases. - Kiev: "Health", 2008-t.1.-854 p. Wazzianov Zh.I.I. Infectious and parasitic diseases.-Kyiv: "Health", 2008-t.2.-656 p. Wazzianov Zh.I.I. Infectious and parasitic diseases. - Kiev: "Health", 2002.-T.3.-902 p. Infectious diseases / ed. Titova MB-Kyiv: "High School", 1995.-566 p.</p>		
Auxiliary:	<p>Katherine H. West. INFECTIOUS DISEASE HANDBOOK FOR EMERGENCY CARE PERSONNEL, THIRD EDITION 3RD Edition. 2016 Dennis L. Kasper, Anthony S. Fauci. Harrison's Infectious Diseases, Third Edition. 2016 Judith A. ABERG, MORTON P. GOLDMAN, LARRY D., Ph.D. GRAY. Infectious Diseases Handbook: Including Antimicrobial Therapy & Diagnostic Tests / ProCedures - 6th Edition (Diagnostic Medicine Series). 2005. Atlas of infectious diseases [MA Andreichin, VS Kopcha, S.O. Kramarev et al.]; ed. MA. Andreyca.- 3-TEE view., VPR. and supplemented. - Lviv: Magnolia, 2019.- 296 p. Fundamentals of treatment of infectious diseases / O.P.Adamovich, O. B. Rozhbit. O. B. Herasun and others // - Lviv: LNMU, 2015. - 124 p. Recognition and Diagnosis of Infectious Diseases / Manual for English-speaking students of medical universities. M. Kryzhanska, O. Zubach, O.Vorozhbyt // - Lviv: LNMU, 2018. - 95 p. 11. Equipment, logistics and software discipline / course of teaching discipline on lectures is provided by methodological developments, visual means of training (presentations, educational films), information resource of the department. Teaching of educational discipline on practical classes is provided by methodological developments, subjects of independent and individual tasks, visual means of study (presentations, educational films and other means for working out practical skills), information resource of the department, algorithms for performing practical skills and structured algorithms for monitoring skills. Independent and individual work in the study of educational discipline is provided by methodological developments on the independent work of students.</p>		

Senior lecturer of the department

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