

PRIVATE HIGHER EDUCATIONAL INSTITUTION
"INTERNATIONAL ACADEMY OF ECOLOGY AND MEDICINE"
Department of Dentistry

SYLLABUS
EDUCATIONAL DISCIPLINE

«Therapeutic dentistry»


LEVEL OF HIGHER EDUCATION The second (master's) level

DEGREE OF HIGHER EDUCATION Master

FIELD OF KNOWLEDGE 22 Healthcare

SPECIALTY 221 Dentistry

COURSE *5*

Considered and approved
at a meeting of the Department of Dentistry
Protocol № 1 from «01» 09 2020 p.
Acting head of the department _____
MD, prof.  Kuts P.V.

Kiev 2020

1. General information	
Subject	Therapeutic dentistry
Lector	Acting Head of the Department, Doctor of Medical Sciences, Professor, Kuts Pavlo Valeriyovych, Al-Gburi Waleed K Hameed
Teacher's e-mail	forum-for-me@bigmir.net
Discipline format	Normative discipline.
The volume of the discipline	300 hours , 10 ECTS
Link to the distance learning site	maem.kiev.ua
Consultations	Web conferences in various programs (Zoom, Skype, Myit, Jitsy, Teams, Viber, Facebook, Cisco Webs). Exchange tasks via e-mail, Wandrive
2. Annotation to the course	
<p>Therapeutic dentistry is a discipline whose methods are aimed at maintaining the health of teeth, organs and tissues of the oral cavity, restoring their anatomical shape and physiological function, prevention of dental diseases by therapeutic methods. According to the approximate curriculum of undergraduate training of specialists of the second (master's) level of higher education in specialty 221 "Dentistry", the study of the discipline "Therapeutic Dentistry" is carried out by students in the 3rd, 4th and 5th years of study in V-X semesters. The subject of the discipline is the etiology, pathogenesis, clinical manifestations of dental diseases, methods of treatment, as well as national and individual preventive measures to prevent the most common diseases such as caries and its complications, periodontal disease. Interdisciplinary links: the study of "Therapeutic Dentistry" is based on previously acquired knowledge of students in human anatomy, histology, cytology and embryology, pathological anatomy, biological chemistry, microbiology, virology and immunology, clinical pharmacology, pathomorphology, pathophysiology, pathophysiology venereology, social medicine and propaedeutics of therapeutic dentistry and integrates with these disciplines.</p>	
3. Purpose and objectives of the course	
<p>1. The purpose of teaching the discipline "Therapeutic Dentistry" is to train a dentist who can diagnose, prevent and treat diseases of the oral mucosa.</p> <p>2. The main tasks of studying the discipline "Therapeutic Dentistry" are the ability to examine the dental patient, to identify the leading syndromes and symptoms, to justify and formulate a preliminary diagnosis; analyze the results of examination of a dental patient and make a differential diagnosis, formulate a final diagnosis of major diseases, identify and identify manifestations of somatic, infectious diseases in the oral cavity, determine the nature and principles of treatment of patients in therapeutic dentistry, identify different clinical variants and complications of the most common , to carry out their primary and secondary prevention.</p>	
4. Competencies and learning outcomes	
Learning outcomes	Teaching methods
Have modern methods of prevention, diagnosis and treatment of diseases of the oral mucosa	Lectures, practices, oral interviews, tests, dialogue with applicants for higher education, creative work with the creation of multimedia presentations and their presentation, independent work with literary sources
<p>Integral: Ability to solve problems and problems in the field of health care in the specialty "Dentistry" in a professional activity or in the learning process, which involves research and / or innovation and is characterized by uncertainty of conditions and requirements.</p> <p>General: Ability to abstract thinking, search, analysis, synthesis; processing information from various sources, basics of evidence-based medicine. 2. Ability to lifelong learning. 3. Knowledge and understanding of the subject area and understanding of the profession. 4. Ability to implement knowledge in practice. 5. Ability to communicate orally and in writing in the state language. Ability to communicate in a foreign language. 6. Ability to effectively professional and interpersonal</p>	

communication and use of information and communication technologies. 7. The ability to adapt to new conditions and situations and the ability to act autonomously in them. 8. Ability to identify and solve problems. 9. Ability to work in a team, including interdisciplinary and international. 10. Observance of deontological norms in professional activity. 11. Ability to implement a system of knowledge and practical skills to ensure a healthy lifestyle and patients. 12. Ability to self-assess their own achievements and increase their level. 13. Ability to assess the state of the environment, to help eliminate its negative effects on health. 14. Ability to act socially responsible and civic conscious. 15. Ability to organize legal support and management of professional activities. 16. Leadership in the development and implementation of innovations and their use in professional activities. 17. The ability to exercise their rights and responsibilities as a member of society, to realize the need for its sustainable development, the rule of law. 18. The ability to preserve and multiply moral, cultural, scientific values and achievements of society.

Special (professional, subject):

1) collection of medical information about the patient's condition; 2) evaluation of the results of laboratory and instrumental research methods; 3) establishing a clinical diagnosis of dental disease; 4) diagnosing emergencies; 5) planning and conducting measures for the prevention of dental diseases; 6) determining the nature and principles of treatment of dental diseases; 7) determination of the necessary mode of work and rest, diet in the treatment of dental diseases; 8) determination of tactics of management of the stomatologic patient at somatic pathology; 9) performance of medical and dental manipulations; 10) treatment of major dental diseases; 11) organization of medical and evacuation measures; 12) determination of tactics and provision of emergency medical care; 13) organization and carrying out of dental medical examination of the persons subject to dispensary supervision; 14) assessment of the impact of the environment on the health of the population (individual, family, population); 15) maintaining medical records; 16) processing of state, social and medical information.

5. Organization of course training

The volume of the course

Type of lesson	<i>Total amount of hours</i>
Lectures	40
Practical classes	160
Independent work	100

Course signs

Semester 9-10	Specialty <u>221 Dentistry</u>	Course (year of study) -5	Normative discipline

Course thematics

THEMATIC PLAN OF LECTURES For 5th year students

№ 3/Π	Lecture topic	<i>hours</i>
1	2	3
Module 4. Diseases of the oral mucosa.		
1	The mucous membrane of the oral cavity (oral mucosa). Structure and functions. Pathological processes occurring on the oral mucosa. Primary and secondary elements of the lesion.	2
2	Systematics of oral mucosa diseases. Features of examination of patients with oral mucosa diseases.	2

3	Etiology, pathogenesis, clinic, diagnosis, treatment and prevention of traumatic lesions of the oral mucosa.	2	
4	Etiology, pathogenesis, clinic, diagnosis, treatment and prevention of auto infectious diseases of the oral mucosa.	2	
5	Etiology, pathogenesis, clinic, diagnosis, treatment, prevention of viral diseases manifesting in the maxillofacial area (influenza, Foot-and-mouth disease infectious mononucleosis)	2	
6	Etiology, pathogenesis, clinic, diagnosis, treatment, prevention of HIV / AIDS, manifestation in the maxillofacial area. Tactics of a dentist.	2	
7	Etiology, pathogenesis, clinic, diagnosis of diphtheria and tuberculosis, their manifestation in the maxillofacial area. Tactics of a dentist.	2	
8	Etiology, pathogenesis, clinic, diagnosis of syphilis, gonorrhoea, manifestation in the maxillofacial area. Tactics of a dentist.	2	
9	Etiology, pathogenesis, clinic, diagnosis, treatment, prevention of fungal lesions of the oral mucosa.	2	
10	Manifestations of diseases of the digestive tract, cardiovascular, endocrine, nervous systems in the oral cavity, their diagnosis. Tactics of a dentist.	2	
11	Hypovitaminosis, their manifestations in the maxillofacial area, prevention, tactics of the dentist	2	
12	Manifestations of diseases of the blood and hematopoietic organs in the maxillofacial area, diagnosis, tactics of the dentist.	2	
13	Etiology, pathogenesis, clinic, diagnosis, treatment and prevention of allergic diseases and reactions with manifestation in the maxillofacial area	2	
14	Etiology, pathogenesis, clinic, diagnosis, treatment of dermatoses with pathological changes in the maxillofacial area.	2	
15	Manifestations of exogenous intoxications in the oral cavity, diagnosis, tactics of the dentist	2	
16	Etiology, pathogenesis, clinic, diagnosis, treatment and prevention of lip diseases	2	
17	Etiology, pathogenesis, clinic, diagnosis, treatment and prevention of tongue diseases	2	
18	Etiology, pathogenesis, classification, clinic, diagnosis, treatment, medical examination and prevention of precancerous diseases of the red border of the lips and oral mucosa.	2	
19	The use of physical factors in the diagnosis and treatment of diseases of the oral mucosa.	2	
20	Etiology, pathogenesis, clinic, diagnosis, treatment and prevention of stomatogenic chronic intoxication	2	
	total	40	

THEMATIC PLAN OF PRACTICAL CLASSES**For 5th year 9 semestr students**

Module 4. Diseases of the oral mucosa		
Content module №8. "Primary lesions of the oral mucosa"		
1	Anatomical-physiological, histological features of the oral mucosa (oral mucosa) and the red border of the lips. Protective factors. Saliva, its composition and physiological role.	3
2	Classifications of diseases of the oral mucosa (M.F Danilevsky, P.T Maksimenko, MKH-10). Features of examination of patients with oral mucosa diseases. Primary and secondary elements of the lesion.	3
3	Traumatic lesions of the oral mucosa. Etiology, pathogenesis, clinic, diagnosis, treatment and prevention.	3
4	Autoinfectious stomatitis. Primary acute catarrhal stomatitis. Acute herpetic stomatitis. Acute aphthous stomatitis. Etiology, pathogenesis, clinic, diagnosis, treatment, prevention.	3
5	Ulcerative stomatitis. Etiology, pathogenesis, clinic, diagnosis, treatment, prevention.	3
6	Fungal lesions of the oral mucosa. Etiology, pathogenesis, clinic, diagnosis, treatment and prevention.	3
Content module № 9. "Infectious diseases. Etiology, pathogenesis of manifestations on the oral mucosa, their clinic, diagnosis. Tactics of a dentist "		
7	Influenza, infectious mononucleosis, foot and mouth disease. Etiology, pathogenesis, clinical manifestations of oral mucosa, diagnosis, treatment and prevention.	3
8	HIV infection. Etiology, pathogenesis. Manifestations in the oral cavity, diagnosis. Treatment and prevention. Tactics of a dentist.	3
9	Tuberculosis. Etiology, pathogenesis, clinical manifestations of oral mucosa, diagnosis. Treatment and prevention. Tactics of a dentist.	3
10	Syphilis. Gonorrhoea. Etiology, pathogenesis, clinical manifestations of oral mucosa, diagnosis. Treatment and prevention. Tactics of a dentist.	3
Content module № 10. "Changes of the oral mucosa in somatic diseases, allergic lesions and exogenous intoxications. Tactics of a dentist "		
11	Changes in oral mucosa in diseases of the digestive tract (peptic ulcer, gastritis, enteritis, colitis, chronic hepatitis). Tactics of a dentist.	3
12	Changes in oral mucosa in diseases of the cardiovascular system (circulatory failure, hypertension). Tactics of a dentist.	3
13	Changes in oral mucosa in diseases of the endocrine system (acromegaly, Itsenko-Cushing's disease, diabetes mellitus). Xerostomia. Tactics of a dentist.	3
14	Changes in oral mucosa in diseases of the blood and blood-forming organs. Leukemia. Agranulocytosis. Tactics of a dentist.	3
15	Changes in oral mucosa in diseases of the blood and blood-forming organs. Anemia. Vakez's disease. Werlhof's disease, hemophilia. Tactics of a dentist.	3
16	Changes of oral mucosa in hypo- and avitaminosis A, C, group B and PP. Tactics of the dentist.	3
17	Changes in oral mucosa in dermatoses with an autoimmune component. Bubbles. Etiology, pathogenesis, clinic, diagnosis. Tactics of a dentist.	3
18	Changes in oral mucosa in dermatoses with an autoimmune component. Red flat herpes. Etiology, pathogenesis, clinic, diagnosis. Tactics of a dentist.	3

19	Anaphylactic shock. Quincke's edema. Causes, clinical manifestations, emergency care. Allergic drug stomatitis. Etiology, pathogenesis, clinic, diagnosis, treatment and prevention.	3
20	Exudative erythema multiforme. Stevens-Johnson syndrome. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment and prevention.	3
21	Chronic recurrent aphthous stomatitis. Behcet's syndrome. Pathogenesis, clinic, diagnosis, treatment and prevention.	3
22	Changes in oral mucosa in exogenous intoxications. Diagnosis. Tactics of a dentist.	3
Content module № 11. "Diseases of the tongue and lips. Precancerous diseases of the oral mucosa and red border of the lips. Dental Chronio Intoxication »		
23	Primary glossites. Desquamative and rhomboid glossitis. Folded and hairy tongue. Clinic, diagnosis, treatment and prevention. Neurogenic diseases of the tongue. Etiology, pathogenesis, clinic, diagnosis, treatment and prevention.	3
24	Cheilitis. Etiology, clinic, diagnosis, treatment and prevention	3
25	Precancerous diseases. Classification of precancerous lesions of the oral mucosa and red border of the lips. Prognosis and prevention of precancerous diseases. Obligatory precancers of the oral mucosa and red border of the lips. Optional precancerous lesions of the oral mucosa and red border of the lips. Etiology, pathogenesis, clinic, diagnosis, treatment and prevention.	3
26	Dental chroniointoxication. Etiology. Pathogenesis. Clinic, diagnosis, treatment and prevention of dental chronic intoxication. Protection of academic medical history	3
27	Control Conducting practical skills.	2
	Total	80

**practical classes in therapeutic dentistry
For 5th year 10 semestr students**

Module 4. Diseases of the oral mucosa		
Content module №8. "Primary lesions of the oral mucosa"		
1	Anatomical-physiological, histological features of the oral mucosa (oral mucosa) and the red border of the lips. Protective factors. Saliva, its composition and physiological role.	3
2	Classifications of diseases of the oral mucosa (M.F Danilevsky, P.T Maksimenko, MKH-10). Features of examination of patients with oral mucosa diseases. Primary and secondary elements of the lesion.	3
3	Traumatic lesions of the oral mucosa. Etiology, pathogenesis, clinic, diagnosis, treatment and prevention.	3
4	Autoinfectious stomatitis. Primary acute catarrhal stomatitis. Acute herpetic stomatitis. Acute aphthous stomatitis. Etiology, pathogenesis, clinic, diagnosis, treatment, prevention.	3
5	Ulcerative stomatitis. Etiology, pathogenesis, clinic, diagnosis, treatment, prevention.	3
6	Fungal lesions of the oral mucosa. Etiology, pathogenesis, clinic, diagnosis, treatment and prevention.	3
Content module № 9. "Infectious diseases. Etiology, pathogenesis of manifestations on the oral mucosa, their clinic, diagnosis. Tactics of a dentist "		
7	Influenza, infectious mononucleosis, foot and mouth disease. Etiology,	3

	pathogenesis, clinical manifestations of oral mucosa, diagnosis, treatment and prevention.	
8	HIV infection. Etiology, pathogenesis. Manifestations in the oral cavity, diagnosis. Treatment and prevention. Tactics of a dentist.	3
9	Tuberculosis. Etiology, pathogenesis, clinical manifestations of oral mucosa, diagnosis. Treatment and prevention. Tactics of a dentist.	3
10	Syphilis. Gonorrhoea. Etiology, pathogenesis, clinical manifestations of oral mucosa, diagnosis. Treatment and prevention. Tactics of a dentist.	3
Content module № 10. "Changes of the oral mucosa in somatic diseases, allergic lesions and exogenous intoxications. Tactics of a dentist "		
11	Changes in oral mucosa in diseases of the digestive tract (peptic ulcer, gastritis, enteritis, colitis, chronic hepatitis). Tactics of a dentist.	3
12	Changes in oral mucosa in diseases of the cardiovascular system (circulatory failure, hypertension). Tactics of a dentist.	3
13	Changes in oral mucosa in diseases of the endocrine system (acromegaly, Itsenko-Cushing's disease, diabetes mellitus). Xerostomia. Tactics of a dentist.	3
14	Changes in oral mucosa in diseases of the blood and blood-forming organs. Leukemia. Agranulocytosis. Tactics of a dentist.	3
15	Changes in oral mucosa in diseases of the blood and blood-forming organs. Anemia. Vakez's disease. Werlhof's disease, hemophilia. Tactics of a dentist.	3
16	Changes of oral mucosa in hypo- and avitaminosis A, C, group B and PP. Tactics of the dentist.	3
17	Changes in oral mucosa in dermatoses with an autoimmune component. Bubbles. Etiology, pathogenesis, clinic, diagnosis. Tactics of a dentist.	3
18	Changes in oral mucosa in dermatoses with an autoimmune component. Red flat herpes. Etiology, pathogenesis, clinic, diagnosis. Tactics of a dentist.	3
19	Anaphylactic shock. Quincke's edema. Causes, clinical manifestations, emergency care. Allergic drug stomatitis. Etiology, pathogenesis, clinic, diagnosis, treatment and prevention.	3
20	Exudative erythema multiforme. Stevens-Johnson syndrome. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment and prevention.	3
21	Chronic recurrent aphthous stomatitis. Behcet's syndrome. Pathogenesis, clinic, diagnosis, treatment and prevention.	3
22	Changes in oral mucosa in exogenous intoxications. Diagnosis. Tactics of a dentist.	3
Content module № 11. "Diseases of the tongue and lips. Precancerous diseases of the oral mucosa and red border of the lips. Dental Chronio Intoxication »		
23	Primary glossites. Desquamative and rhomboid glossitis. Folded and hairy tongue. Clinic, diagnosis, treatment and prevention. Neurogenic diseases of the tongue. Etiology, pathogenesis, clinic, diagnosis, treatment and prevention.	3
24	Cheilitis. Etiology, clinic, diagnosis, treatment and prevention	3
25	Precancerous diseases. Classification of precancerous lesions of the oral mucosa and red border of the lips. Prognosis and prevention of precancerous diseases. Obligatory precancers of the oral mucosa and red border of the lips. Optional precancerous lesions of the oral mucosa and red border of the lips. Etiology, pathogenesis, clinic, diagnosis, treatment and prevention.	3
26	Dental chroniointoxication. Etiology. Pathogenesis. Clinic, diagnosis,	3

	treatment and prevention of dental chronic intoxication. Protection of academic medical history	
27	Control Conducting practical skills.	2
	Total	80

THEMATIC PLAN OF INDEPENDENT WORK OF STUDENTS (IWS)

V COURSE - MODULE №4, 9 semester

	Theme	Hours	Type of control
1.	Preparation for practical classes - theoretical training and development of practical skills, writing an academic history of the disease.	4	Current control in practical classes
2.	Independent elaboration of topics that are not included in the lesson plan:		
2.1.	Chronic recurrent herpes. Causes, pathogenesis, clinic, diagnosis, treatment, prevention.	2	Final modular control
2.2.	Chronic ulcerative stomatitis. Etiology, pathogenesis, clinic, diagnosis, treatment and prevention.	2	
2.3.	AIDS. Etiology, pathogenesis. Clinical picture, course of the disease.	2	
2.4.	Diphtheria. Etiology, pathogenesis, clinic, diagnosis, treatment and prevention.	2	
2.5.	Changes in the oral mucosa in dermatoses with an autoimmune component. Lupus erythematosus. Tactics of a dentist.	2	
2.6.	Changes in the oral mucosa in dermatoses with an autoimmune component. Pemphigoids.	2	
2.7.	Lesions of the oral mucosa in radiation sickness.	2	
2.8.	Precancerous diseases. Prognosis and prevention of precancerous diseases.	2	
3.	Individual VTS - review of scientific literature, writing abstracts, conducting research.	4	Final modular control
4.	Preparation for the final control of mastering the module № 4	6	Final modular control
	Total 30	30	

Thematic plan of independent extracurricular work of students 10 semester

1.	Preparation for practical classes - theoretical training and development of practical skills	4
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2.1	Independent elaboration of topics that are not included in the lesson plan:		
2.2	Modern filling materials for artistic restorations.	4	Abstracts, presentations
2.3	Methods of treatment of discoloration of teeth in non-carious lesions.	4	Abstracts, presentations проведення наукових досліджень
2.4	Radiological characteristics of changes in the periodontium according to SA Vindruha.	4	Abstracts, presentations
2.5	Computer tomography. Modern methods of periodontal tissue research.	4	Abstracts, presentations
2.6	Tactics of treatment of various forms of periodontitis and pulpitis using optical systems. Endodontic office equipment.	4	Abstracts, presentations
2.7	Modern endodontic instruments for cleaning, dilating and filling root canals. ISO standards. Methods of use. Organization of endodontic patients	4	Abstracts, presentations
2.8	Instrumental treatment of root canals "Step-back" "Crown-down" technique. Basic methods of root canal obturation with hot gutta-percha	4	Abstracts, presentations
2.9.	The newest ways of processing of root canals by means of rotary tools of various firms. (Mallifer, Soco, Endostar)	4	Abstracts, presentations
2.10.	Fundamentals of aesthetic tooth restoration.	4	Abstracts, presentations
2.11.	Theoretical foundations of prevention, levels, types and methods of prevention. Massage in the treatment of dental patients. Types, mechanisms of action, methods of application	4	Review of scientific literature, abstract Messages, presentations.
2.12	Medical examination of dental patients.	4	Review of scientific literature, abstract
2.13	Tactics of treatment of periodontal patients with the Vector system. Modern physiotherapeutic methods of periodontitis treatment	4	Abstracts, presentations
2.14	Modern methods of treatment of patients with pathological abrasion of teeth. Application of darsonvalization methods in the treatment of dental patients.	4	Review of scientific literature, abstract
2.15	Clinical and laboratory tests of malignancy in patients with precancerous lesions.	4	Review of scientific literature, abstract

3.	Preparation for the differential test	6	Review of scientific literature, abstract
	Total	70	

6. Course evaluation system

General course evaluation system

Current control is performed based on the control of theoretical knowledge, skills and abilities in practical classes. Independent study students are assessed in practical classes, and is an integral part of the final grade of the student. Current control is performed during the training sessions and aims at checking the assimilation of students learning the material. Forms of current control are:

- a) test tasks with a choice of one correct answer, with the definition of the correct sequence of actions, with determination of the conformity, defining the specific portion of the photo or diagram ("detection");
- b) individual oral questioning, interview;
- c) the solution of typical situational tasks;
- g) control of practical skills;

Grades on 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

The final control is the form of a differentiated credit at the end of the 1st semester and at the end of the 2nd semester upon completion of the course of medical biology.

The semester exam is a form of final control of mastering by the student of theoretical and practical material on academic discipline. The final control (exam) is carried out at the last control lesson.

Students are admitted to the FC who have attended all the classes provided by the curriculum in the discipline and while studying the module scored the number of points not less than the minimum (**72 points**). A student who, for good or bad reasons, has missed classes, is allowed to rework academic debt for a certain period of time.

Evaluation of current educational activities. During the assessment of mastering each topic for the current educational activity of the student scores are set on a 4-point (national) assessment scale. This takes into account all types of work provided by the discipline program. The student must receive a score on each topic. Scores on the traditional scale are converted into points. The final assessment of the current academic activity is the arithmetic mean (the sum of scores for each lesson is divided by the number of lessons per semester) and translated into points according to **Table 2**.

Table 2. Conversion of the average score for the current activity into a multi-point scale (for disciplines completed by diff.credit, exam)

4-point scale	120-point scale	4-point scale	120-point scale	4-point scale	120-point scale	4-point 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	<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 collect for current educational activity during semester in order to be admitted to the exam is 120 points.</p> <p>The minimum number of points that a student can collect for current educational activity during semester in order to be admitted to the exam is 72 points.</p> <p>Calculating of the number of points is based on obtained marks of student according to traditional scale while learning subject during the semester, by calculating the arithmetic mean (AM) that is rounded to two signs after comma.</p> <p>Evaluation of independent work of students. Independent work of students, which is provided by the topic of the lesson together with the classroom work, is evaluated 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.</p> <p>Evaluation of final control.</p> <p>The maximum number of points that a student can score during the exam is 80 points.</p> <p>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>Determining the number of points that a student scored in the discipline: the number of points that a student scored in the discipline is defined as the sum of points for the current academic activity (Table1) and for the final control (diff.credit, exam) (Table 3).</p> <p>Table 3. Scale of assessment of differentiated (exam) credit:</p> <table border="1"> <thead> <tr> <th>Traditional scale</th> <th>Points</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>									Traditional scale	Points	«5»	70-80	«4»	60-69	«3»	50-59
Traditional scale	Points															
«5»	70-80															
«4»	60-69															
«3»	50-59															
Requirements for written work	The final written work is performed in the form of a test.															
Practical classes	Classroom work															
The 1st semester																
Classroom work - score from 2 to 5 for each topic.																
<i>Differentiated credit (semester control)</i> Semester control at the end of the 1st semester is provided in the form of Differentiated credit. (Table 2) Provides a final grade on a 120-point scale as the sum of grades for the current control of knowledge (oral examination, written survey, Practical work, abstracts). Semester control includes control of theoretical and practical training.																
Amount: minimum 72 + 50 = 122, maximum 120 + 80 = 200																
The 2nd semester																
Classroom work - score from 2 to 5 for each topic.																
Final module control is evaluated from 50 to 80 points and consists of: Test control - 40 tests = 40 points (1 point for the correct answer to 1 test). Answer to 2 theoretical questions of 20 points for each = 40 points. Amount: 80.																
Amount: minimum 72 + 50 = 122, maximum 120 + 80 = 200																
The list of theoretical questions to prepare students for the exam.																
The list of practical skills for final module control																

Circumstance of admission to the final control	<p>1. Semester control at the end of the 1st semester is provided in the form of a differential credit. (Table 2) Provides a final score on a 120-point scale as the sum of scores for the current control of knowledge (oral examination, written survey, tests, verification of identification of micropreparations, abstracts), the results of 2 content modules.</p> <p>2. Students are allowed to take the differentiated credit, exam only if there is no debt for the implementation of the curriculum.</p>
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7. Course policy

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 grades for 50% or more of the submitted theoretical and practical material.

8. RECOMMENDED LITERATURE

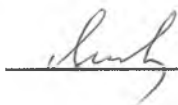
Basic sources

1. Dental caries. Pulpitis. Apical periodontitis. Oral sepsis: a textbook (M. Yu. Antonenko, Yu. Romanova, S.A. Shnayder [et al.]; ed. by A. V. Borysenko. —Odesa: Astro, 2015. —314 p.
2. Oral mucosa diseases: Textbook / M. Yu. Antonenko, O.F. Nesyn, S. A. Shnayder [et al.]; by ed. A. V. Borysenko. —Odesa: Print house, 2015. -328 p.
3. Periodontal and Oral Mucosa Diseases: in 2 volumes. —Volume 2: textbook (IV a. l.) / A.V. Borysenko, L.V. Lynovytska, O.F. Nesyn et al.; edited by A.V. Borysenko. -2018. -624 p.
4. Borysenko A.V. Periodontal diseases / A.V. Borysenko, Yu.G.Romanova, A.F.Nesyn [et al.]; ed. by A.V.Borysenko, Yu.G.Romanova. —Odessa: ONMedU, 2017. —212 p.

Additional sources

1. Aschheim K.W., Dale B.G. Esthetic Dentistry. A clinical Approach to Techniques. —2 nd Ed. —2000. —812 p.
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