

Educational Institution “Royal metropolitan University”

Department “Dental disciplines”



SYLLABUS

in the discipline " THERAPEUTIC DENTISTRY "
for students of specialty 560004 “BDS”

Form of study	full-time
Course	4/5
Semester	8/9
Exam	
Total credits according to the curriculum	4/6
Total hours according to the curriculum	120/180
Lectures	18
Practical classes	36/90
Independent work	48/72

Syllabus developer:
Berenova Zh.B.

Reviewed and approved at a meeting of the
Department of Fundamental Disciplines
Protocol No. __ from “__” _____ 2024.
Head of the department Mamytova A.B.

(signature)

Bishkek 2024

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Name and complexity of the discipline.

Course	Semester	Weeks	Total academic hours		Number of hours for independent work		Total hours	Number of modules
			Lecture	Practical classes	SIW	SIWT		
5	9	18	18	90	36	36	180	2
4	8	18	36	36	24	24	120	

Course Annotation: Therapeutic dentistry

Overview

Therapeutic dentistry is one of the leading fields in dentistry, as it focuses not only on treatment but also on the prevention of dental caries, periodontal diseases, and oral mucosa disorders. There is a close interconnection between therapeutic dentistry and other clinical disciplines, making it a crucial preventive branch within the broader scope of dentistry, alongside surgical and orthopedic dentistry. The therapeutic section of dentistry covers a range of oral health conditions (such as dental diseases, periodontal tissue disorders, and pathologies of the oral mucosa and tongue), which are primarily treated conservatively, and often require a comprehensive etiopathogenetic approach involving collaboration with oral surgeons, orthodontists, endocrinologists, gastroenterologists, and other specialists.

Placement within Educational Structure: This discipline is part of the mandatory curriculum for professional training.

Prerequisite:

- Anatomy
- Histology
- Physiology
- Pathological anatomy
- Pathological physiology
- Microbiology
- Endodontics
- Periodontology
- Prosthodontics
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Post-requisites:

- Maxillofacial surgery (maxillofacial gnathologic surgery, diseases of the head and neck, pediatric maxillofacial surgery, oncological dentistry and radiotherapy, maxillofacial prosthetics)
- Gnathology and functional diagnostics of the temporomandibular joint (TMJ)
- Implantology and reconstructive oral surgery
- Fundamentals of internal diseases
- Pediatric diseases, and other clinical disciplines.

Planned results of mastering the academic discipline

The goal of mastering the discipline is to prepare the dentist to provide outpatient dental care to patients with dental diseases.

The objectives of mastering the discipline are:

- to master diagnostic methods used in the examination of patients with dental diseases;
- to master the indications for dental treatment;
- to master the planning of dental treatment;
- to develop theoretical and practical skills in dental treatment of patients in outpatient and clinic settings;
- to master the identification, prevention, and management of potential complications during the treatment of dental diseases.

After mastering the discipline “Therapeutic dentistry” the student:

Will know:

- Anatomy of the teeth and the maxillofacial area, physiology of the oral cavity and maxillofacial region;
- Mechanisms of pathological processes occurring during inflammation and trauma;
- Etiology, pathogenesis, and clinical presentation of dental diseases.
- Treatment of major dental diseases.
- Understanding the main approaches and issues in managing patients with dental diseases.

Will be able to use:

- Uncover the full picture of the disease.
- Develop a treatment plan for dental diseases.
- Formulate a management strategy for patients with dental pathology.

Will be able to analyze:

- Possess skills in presenting and analyzing the etiology and pathogenesis of various clinical diseases for diagnostic purposes.
- Master the algorithm for treating dental diseases.
- Possess skills in determining the management strategy for patients with dental diseases.

Course Title

№	Course Title	year	semester	Number of Weeks	Number of Credits	Number of Academic Hours		Hours for Independent Work	Total	Type of final control
						lectures	practice			
1	Therapeutic dentistry	5	9	18	5	18	90	42	150	
2	Therapeutic dentistry	4	8	18	4	36	36	48	120	

Contents of the academic discipline

3 semester

№	Name chapters and topics of discipline (lectures and practical classes)	Auditory Lesson		Total hours for classroom work	Hours for Independent Work		Used educational technologies, methods and methods of teaching	Forms of current and border control academic performance
		lecture	practice		SIWT	SIW		
1	1. Complications of dental caries	2h	2h	4h			Traditional Lecture, Regulated Discussion (RD)	AS – Assessment of Practical Skills (Competencies) IQ – Interview on Control Questions
2	Pulpitis of teeth. Etiology. Pathogenesis	2h	2h	4h			Visualization Lecture (VL), Small Group Method (SGM)	SPS – Situational Problem Solving AS – Assessment of Practical Skills (Competencies)
3	Clinical presentation and forms of pulpitis	2h	2h	4h			Visualization Lecture (VL)Γ Small Group Method (SGM), Brainstorming Method (BM)	AS – Assessment of Practical Skills (Competencies) SPS – Situational Problem Solving, DR – Defense of Report
4	Diagnosis of pulpitis. Indications for endodontic treatment	2h	2h	4h			Visualization Lecture (VL), Small Group Method (SGM)	AS – Assessment of Practical Skills (Competencies)
5	Periodontitis of teeth. Etiology. Pathogenesis. Classification of periodontitis	2h	2h	4h			Visualization Lecture (VL)Γ Small Group Method (SGM), Fishbone Diagram (FD)	AS – Assessment of Practical Skills (Competencies)/ AS – Assessment of Practical Skills (Competencies)
6	Clinical presentation and diagnosis of periodontitis	2h	2h	4h			Visualization Lecture (VL)Γ Small Group Method (SGM),	A – Defense of Abstract/ AS – Assessment of Practical Skills (Competencies)
7	Indications for endodontic treatment with periodontitis	2h	2h	4h			Visualization Lecture (VL)Γ Small Group Method (SGM),	A – Defense of Abstract AS – Assessment of Practical Skills (Competencies)/

8	Types of endodontic treatment. Stages of endodontic treatment	2h	2h	4h			<i>JIB, MF. Φ III</i>	AS – Assessment of Practical Skills (Competencies)
9	Tooth cavity preparation, creation of endodontic access. Pulpectomy. Canal enlargement	2h	2h	4h			<i>Visualization Lecture (VL)Γ Small Group Method (SGM),</i>	AS – Assessment of Practical Skills (Competencies)
	Module 1							T
10	Medical treatment of the tooth cavity and canals. Stages. Medicinal lining. Application of SAN-O in the canal	2h	2h	4h			<i>Visualization Lecture (VL)Γ Small Group Method (SGM), Diagram of Venna(DV)</i>	AS – Assessment of Practical Skills (Competencies)
11	Measuring working length. Methods	2h	2h	4h			<i>Visualization Lecture (VL)Γ Small Group Method (SGM),</i>	AS – Assessment of Practical Skills (Competencies)
12	Root canal filling. Lateral condensation method. Continuous wave method. One-paste filling. Single post method	2h	2h	4h			<i>Visualization Lecture (VL)Γ Small Group Method (SGM),</i>	AS – Assessment of Practical Skills (Competencies)
13	Features of root canal filling in teeth with chronic periodontitis	2h	2h	4h			<i>Visualization Lecture (VL)Γ Small Group Method (SGM),</i>	AS – Assessment of Practical Skills (Competencies)
15	Module 2							
		36	36	72	48			
	Total hours				120ч			

9 semester

№	Name chapters and topics of discipline (lectures and practical classes)	Auditory Lesson		Total hours for classroom work	Hours for Independent Work		Used educational technologies, methods and methods of teaching	Forms of current and border control academic performance
		lecture	practice		SIWT	SIW		
1	Lecture 1 Dental Caries. Etiology, Pathogenesis. Classification of Caries according to Black	2		8			L – Traditional Lecture RD – Regulated Discussion	AS – Assessment of Practical Skills (Competencies) SPS – Situational Problem Solving
	Dental Caries. Etiology, Pathogenesis.		6		2	2		

2	Classification of Caries according to Black.		4	4	2	2		Assessment of Practical Skills (Competencies) -SPS Situational Problem Solving -A Defense of Abstract
3	Lecture 2 Diagnosis of Caries. Treatment. Stages of Preparation of Carious Cavities.	2		8			VL – Visualization Lecture – SGM – Small Group Method	AS – Assessment of Practical Skills (Competencies) SPS – Situational Problem Solving A – Defense of Abstract
	Diagnosis of Caries. Treatment.		6		2	2		
4	Stages of Preparation of Carious Cavities.		4	4	2	2		AS – Assessment of Practical Skills (Competencies)
5	Lecture 3 Filling of Carious Cavities. Modern Filling Materials and Their Classification.	2		8			VL – Visualization Lecture – SGM – Small Group Method – FD – Forum-Type Discussion	AS – Assessment of Practical Skills (Competencies)
	Modern Filling Materials and Their Classification.		6		2	2		
6	Filling of Carious Cavities.		4	4	2	2		AS – Assessment of Practical Skills (Competencies)
7	Lecture 4 Pulpitis. Etiopathogenesis. Pathohistology of Pulpitis. Diagnosis and Differential Diagnosis of Pulpitis	2		8			VL – Visualization Lecture – SGM – Small Group Method – FD – Forum-Type Discussion	AS – Assessment of Practical Skills (Competencies)
	Pulpitis. Etiopathogenesis. Pathohistology of Pulpitis.		6		2	2		

	Diagnosis and Differential Diagnosis of Pulpitis		4	4	2	2		AS – Assessment of Practical Skills (Competencies)
9	Lecture 5 Types of Pulpitis Treatment. Modern Endodontic Treatment of Pulpitis. Stages. Complications	2		8	2	2	VL Visualization Lecture - SGM - Small Group Method - FD - Forum-Type Discussion	AS – Assessment of Practical Skills (Competencies)
	Types of Pulpitis Treatment. Biological Method. Vital Amputation and Vital Extirpation. Indications. Contraindications, and Stages of Treatment.		6		2	2		
10	Types of Pulpitis Treatment. Non-Vital Amputation and Non-Vital Extirpation. Indications. Contraindications, and Stages of Treatment.		4	4	2	2		
	Module 1						T	
11	Lecture 6 Periodontitis. Etiopathogenesis. Classification of Periodontitis.	2		8			• VL – Visualization Lecture • SGM – Small Group Method	
	Modern Types and Principles of Endodontic Treatment.		6		2	2		
12	Stages of Endodontic Treatment of Pulpitis. Step-Back Technique and Crown Down Technique.		4	4		2	2	<ul style="list-style-type: none"> • AS – Assessment of Practical Skills (Competencies) • SPS – Situational Problem Solving • DR – Defense of Report
13	Lecture 7 Diagnosis of Periodontitis. Differential Diagnosis of Periodontitis with Caries and Pulpitis	2		8			<ul style="list-style-type: none"> • VL – Visualization Lecture • SGM – Small Group Method 	<ul style="list-style-type: none"> • AS – Assessment of Practical Skills (Competencies) • SPS – Situational Problem Solving
	Standard Technique of Endodontic Treatment and Balanced-Force Technique. Complications.		6		2	2		

								<ul style="list-style-type: none"> • DR – Defense of Report
14	Periodontitis. Etiopathogenesis. Classification of Periodontitis.		4	4	2	2		<ul style="list-style-type: none"> • AS – Assessment of Practical Skills (Competencies) • SPS – Situational Problem Solving • DR – Defense of Report
15	Lecture 8 Types of Periodontitis Treatment. Types of Condensation in Modern Endodontic Treatment. Stages of Endodontic Treatment	2		8			<ul style="list-style-type: none"> • VL – Visualization Lecture • SGM – Small Group Method 	<ul style="list-style-type: none"> • AS – Assessment of Practical Skills (Competencies) • A – Defense of Abstract • DR – Defense of Report
	Diagnosis of Periodontitis. Differential Diagnosis of Periodontitis with Caries and Pulpitis.		6		2	2		
16	Types of Periodontitis Treatment. Types of Condensation in Modern Endodontic Treatment.		4	4	2	2		<ul style="list-style-type: none"> • AS – Assessment of Practical Skills (Competencies) • DR – Defense of Report
17	Lecture 9 Complications of Periodontitis Treatment. Re-treatment in Endodontics.	2		8			<ul style="list-style-type: none"> • VL – Visualization Lecture • SGM – Small Group Method 	<ul style="list-style-type: none"> • AS – Assessment of Practical Skills (Competencies) • A – Defense of Abstract
	Stages of Endodontic Treatment of Periodontitis.		6		2	2		
18	Complications of Periodontitis Treatment. Re-treatment in Endodontics.		4		2	2		<ul style="list-style-type: none"> • AS – Assessment of Practical Skills (Competencies) • A – Defense of Abstract
	Module 2	18ч	90ч	108ч	36ч	36ч		T
	Exam							
	Total hours					180ч		

Methodological recommendations for preparing for practical classes.

Practical classes are held after lectures and are explanatory, generalizing and reinforcing in nature. They can be carried out not only in the classroom, but also outside the educational institution.

During practical classes, students perceive and comprehend new educational material. Practical classes are systematic, regularly following each lecture or two or three lectures.

Practical classes are carried out according to the schedule of the educational process and independent work of students in the disciplines.

When preparing for practical classes, it is necessary to study in advance the methodological recommendations for its implementation. Pay attention to the purpose of the lesson, the main questions to prepare for the lesson, and the content of the topic of the lesson.

Before each practical lesson, the student studies the seminar lesson plan with a list of topics and questions, a list of references and homework on the material presented at the seminar. The following scheme of preparation for the seminar lesson is recommended for the student:

1. work through lecture notes;
2. read the basic and additional literature recommended for the section being studied;
3. answer the questions of the seminar lesson plan;
4. study the topic and select literature for writing abstracts, reports, etc

Plan for organizing student independent work

Thematic plan for student independent work (SWS)

№	Theme of SIW	Task for SIW	Litreture	Deadline (weeks)	Max points
1	Study of the causes and mechanisms of caries development, the impact of external and internal factors on its progression.	ppt	1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials	1	20 points
2	An overview of Black's classification of dental caries and its application in modern dentistry.	ppt	1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais)	2	20 points

			5. Craig's Restorative Dental Materials		
3	Diagnostic methods for caries at different stages and principles of its conservative and surgical treatment.	ppt	1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials	3	20 points
4	Description of the stages involved in preparing a carious cavity for treatment, including the selection of instruments and materials	ppt	1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials	4	20 points
5	Analysis of modern materials for tooth fillings, their classification, and the features of material selection.	ppt	1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials	5	20 points
6	Review of various methods for filling carious cavities, including traditional and modern approaches.	Diagram Venna	1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials	6	20 points
7	changes occurring in the pulp tissues.	ppt	1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp	7	20 points

			<ul style="list-style-type: none"> 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials 		
8	differentiation diagnosis of pulpitis from other dental diseases.	ppt	<ul style="list-style-type: none"> 1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials 	8	20 points
9	Review of the biological approach to pulpitis treatment, including indications, contraindications	ppt	<ul style="list-style-type: none"> 1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials 	9	20 points
10	Overview of innovative technologies for endodontic treatment	ppt	<ul style="list-style-type: none"> 1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials 	10	20 points
11	Overview of innovative materials for endodontic treatment	ppt	<ul style="list-style-type: none"> 1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials 	11	20 points

12	Differences of Step-back and Crown-down techniques	ppt	<ol style="list-style-type: none"> 1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials 	12	20 points
13	Comparison of standard endodontic treatment techniques with the balanced-force technique, and related complications	ppt	<ol style="list-style-type: none"> 1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials 	13	20 points
14	Preventive Strategies for Dental Caries: Role of Oral Hygiene and Diet	ppt	<ol style="list-style-type: none"> 1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials 	14	20 points
15	Overview of common endodontic emergencies, such as acute pulpitis or post-treatment pain, and strategies for their diagnosis and immediate management.	ppt	<ol style="list-style-type: none"> 1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials 	15	20 points
16	The Role of Radiographic Imaging in the	ppt	<ol style="list-style-type: none"> 1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 	16	20 points

	Diagnosis and Treatment of Dental Diseases		<ol style="list-style-type: none"> 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials 		
17	Study of various radiographic techniques (e.g., X-rays, CBCT) used in diagnosing caries, pulpitis, periodontitis, and other dental conditions, including their limitations and advantages	ppt	<ol style="list-style-type: none"> 1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials 	17	20 points
18	The Impact of Systemic Diseases on Endodontic and Periodontic Treatment Examination of how systemic conditions such as diabetes, hypertension, and autoimmune disorders affect the management of endodontic and periodontic diseases, and how to adjust treatment protocols accordingly.	ppt	<ol style="list-style-type: none"> 1. Oxford Handbook of Clinical Dentistry 2. Cohen's Pathways of the Pulp 3. Harty's Endodontics in Clinical Practice 4. Color Atlas of Common Oral Diseases (Robert P. Langlais) 5. Craig's Restorative Dental Materials 	18	20 points

Methodological recommendations for preparing independent work

In studying the discipline “Therapeutic dentistry” the following types of independent work of students are used:

- study of theoretical material from lecture notes and recommended textbooks, educational literature, reference sources;
- independent study of some theoretical issues not covered in lectures, with writing abstracts and preparing presentations;

Students are invited to read and meaningfully analyze monographs and scientific articles on biochemistry. The results of working with texts are discussed in practical classes.

To develop independent work skills, students complete assignments, independently turning to educational, reference and scientific-methodological literature. Testing the completion of assignments is carried out both in practical classes with the help of students’ oral presentations and their collective discussion, and with the help of written independent work.

An abstract is a brief written summary of the content of a scientific work on a given topic. This is an independent research work where the student reveals the essence of the problem under study with elements of analysis on the topic of the essay.

Presents various points of view, as well as his own views on the problems of the topic of the essay. The content of the abstract should be logical, the presentation of the material should be of a problem-thematic nature.

Requirements for writing an abstract:

The volume of the abstract can range from 9-10 printed or handwritten pages.

Main sections: table of contents (outline), introduction, main content, conclusion, bibliography.

The text of the abstract must contain the following sections:

- title page indicating: name of the university, department, topic of the abstract, full name of the author and full name of the teacher
- introduction, relevance of the topic.
- main section.
- conclusion (analysis of the results of the literature search); conclusions.
- the list of literary sources must have at least 10 bibliographic titles, including network resources.

The text part of the abstract is drawn up on a sheet of paper in the following format: indentation at the top – 2 cm; left indent – 3 cm; indentation on the right – 1.5 cm; bottom indent – 2.5 cm; text font: Times New Roman, font height – 14, space – 1.5; page numbering is at the bottom of the sheet. There is no number on the first page.

The abstract must be completed competently in compliance with the culture of presentation. There must be references to the literature used, including periodical literature for the last 5 years.

Abstract evaluation criteria:

- relevance of the research topic;

- correspondence of the content to the topic;
- depth of material elaboration;
- correctness and completeness of development of the questions posed;
- the significance of the findings for further practical activities;
- correctness and completeness of the use of literature;
- compliance of the abstract design with the standard;
- quality of communication and answers to questions when defending an abstract.

A report is a type of brief but informative message about the essence of the issue under consideration, various opinions about the subject being studied. In some cases, it is allowed to present the author's own point of view within the framework of thematic issues.

Requirements for the report:

The volume of the abstract should not exceed five printed pages.

A quality report has four main structural elements:

- Introduction;
- Introduction (at this stage the speaker must interest the audience, formulate the relevance and novelty of the research, emphasize the importance and purpose of the work performed.)
- The main part (it talks about the research methods used, the work done, and analyzes the results obtained);
- Conclusion (summarizing the results of the work).

The text part of the report is drawn up on a sheet of the following format:

- indentation at the top – 2 cm; left indent – 3 cm; indentation on the right – 1.5 cm; bottom indent – 2.5 cm;
- text font: Times New Roman, font height – 14, space – 1.5;
- page numbering is at the bottom of the sheet. There is no number on the first page.

Criteria for evaluation:

- timeliness of submission;
- compliance with requirements;
- depth of material elaboration;
- relevance of the content to the topic;
- correctness and completeness of use of the source.

Course Policy

- Students are required to attend all classes (if a student misses more than 2 classes without a valid reason, make-up work is required).
- During practical sessions, students must complete all assigned tasks.
- Disrespectful behavior or rudeness may result in the student being removed from the classroom.

Assessment Criteria

Current assessment is conducted through oral questioning, completion of independent work, and solving situational tasks during practical sessions, as well as attendance, with a total of up to 40 points.

Midterm assessment (module submission) consists of written control or computer-based testing of knowledge regarding theoretical and practical material. The questions for midterm assessment cover the entire scope of the discipline's modules, allowing for evaluation of the students' understanding of the material, with a total of up to 40 points.

Final assessment (exam) is conducted using examination tickets, which include theoretical questions and a practical task, evaluated up to 20 points.

Grades earned for control tasks, glossary, writing and presenting papers will serve as the basis for grading during the final exam. If a student scores below 60 points on the exam, no final grade will be given, resulting in an academic debt in the discipline.

The grading policy provides for students to earn points in each module:

Grading Criteria	Module 1	Module 2
Classroom Work (participation in discussions, oral questioning, working with the glossary, attendance, etc.)	40 points	40 points
SIW (Self-Independent Work: paper, presentation)	20 points	20 points
Total for Module (testing)	40 points	40 points
Total for Discipline	100 points	

Evaluation criteria:

- **90-100 "excellent"** rating is given to the student if the completeness of the use of educational material, the logic of presentation (the presence of schemes, the number of semantic connections between concepts), clarity (the presence of drawings, symbols, etc.; accuracy of execution, readability of the summary, literacy (terminological and spelling);
- **76-89 "good"** rating is given to the student if the use of educational material is not complete, it is not sufficiently logical to present (the presence of schemes, the number of semantic connections between concepts), clarity (the presence of drawings, symbols, etc.; accuracy of execution, readability of the summary, literacy (terminological and spelling), lack of related sentences;
- **-60-75 "satisfactory"** rating is given to the student if the use of educational material is not complete, it is not sufficiently logical to present (the presence of schemes, the number of semantic connections between concepts), clarity (the presence of drawings, symbols, etc.; accuracy of execution, readability of the summary, literacy (terminological and spelling), lack of independence during compilation can be traced;

- **0-59 "unsatisfactory"** rating is given to the student if the use of educational material is not complete, there are no schemes, the number of semantic connections between concepts, there is no clarity (presence of drawings, symbols, etc.; accuracy of execution, readability of the summary, terminology and spelling errors, lack of independence in drafting were made.

Criteria for assessing test tasks

RATING SCALE 20 QUESTIONS

“5” - from 18 to 20 correct answers out of 20 test questions;

“4” - from 15 to 17 correct answers out of 20 test questions;

“3” - from 11 to 14 correct answers out of 20 test questions;

“2” - from 0 to 10 correct answers out of 20 test questions.

RATING SCALE 15 QUESTIONS

“5” - up to 10% errors on test questions;

“4” - up to 20% errors on test questions;

“3” - up to 30% errors on test questions;

“2” - more than 30% of errors on test questions.

RATING SCALE 10 QUESTIONS

“5” - from 9 to 10 correct answers out of 10 test questions;

“4” - from 7 to 8 correct answers out of 10 test questions;

“3” - from 6 to 7 correct answers out of 10 test questions;

“2” - from 0 to 5 correct answers out of 10 test questions.

Evaluation criteria for exam:

- the **"excellent"** rating is given to the student, with the number of correct answers from 90 and above;

- the **"good"** rating is given to the student, with the number of correct answers from 76 to 89;

- the **"satisfactory"** rating is given to the student, with the number of correct answers from 60 to 75;

- the **"unsatisfactory"** rating is given to the student if he gave up to 59 correct answers inclusive.

Academic discipline policy:

Requirements for Students During Classes:

- - Mandatory attendance
- - Active participation during the class
- - Preparation for classes, completion of homework and independent work

- - Timely addressing of any outstanding assignments
- - Mandatory presence in proper attire (lab coat, cap)

Prohibited Actions:

- - Arriving late or leaving class early
- - Using mobile phones during class
- - Late submission of assignments and assessments
- - Cheating or copying during classes and assessments
- - Taking an exam for another student

Help: For advice on completing independent work (SIW/SIWT), their delivery and defense, as well as for additional information on the material covered and all other questions that arise regarding the course being taught, please contact the teacher Mon, Sat. Moskovskay 176 +996999086111w/a

References:

Requirement Sources

1. Oxford Handbook of Clinical Dentistry
2. Cohen's Pathways of the Pulp
3. Harty's Endodontics in Clinical Practice
4. Color Atlas of Common Oral Diseases (Robert P. Langlais)
5. Craig's Restorative Dental Materials

Additional Sources

- Shafer's Oral Pathology
- PHILLIPS' SCIENCE OF DENTAL MATERIALS (Textbook of Oral Medicine, Oral Diagnosis And Oral Radiology)