

AMENDMENTS AND CHANGES TO THE CURRICULUM IN THE EDUCATIONAL DISCIPLINE
«PERIODONTOLOGY»
for the specialty «DENTISTRY»

for 2024/2025 academic year

Amendments and changes		Basis/Reason
1. Changes have been introduced into the Thematic Plan (appendix 1)		Educational Plan for 2024/2025 academic year
2. Changes have been introduced into the Educational Discipline Curricular Chart (appendix 2)		Educational Plan for 2024/2025 academic year

The curriculum is revised and approved at the department meeting of the Department of Periodontology (protocol # 23 of 10.06.2024)

Head of the Department of Periodontology
MD, PhD, DMSci, Professor


L.N. Dedova

APPROVED

Head of the Council
of the Medical Faculty for International Students


O.S. Ishutin

THEMATIC PLAN

Section (topic) name	Number of class hours	
	lectures (incl. SSIW)	practical (laboratory or seminars)
Academic discipline «Clinical periodontology»		
1. Basics of periodontal biology	1,5	6
1.1. The structure of periodontal tissues, terminology in periodontology. Factors influencing periodontal condition	1,5	6
1.2. Dynamics of the periodontal biological system. Concepts of the development of periodontal diseases		
2. Periodontal tissues, determination of their condition. Characteristics of healthy periodontium. Classification of periodontal diseases	-	12
3. Ergonomics. Principles of ergonomics. Ergonomic requirements in the process of performing periodontal manipulations	-	6
4. Diagnosis of periodontal diseases	3	18
4.1. Stages of examination. Primary visual characteristics of periodontium. Radiation diagnostics in periodontology	1,5	6
4.2. Detailed examination of periodontal tissues. Functional methods for studying periodontal tissues		6
4.3. Laboratory diagnosis of periodontal diseases	1,5	6
5. Preparatory treatment of patients with periodontal diseases: hygienic measures	1,5	18
5.1. Classification of dental deposits and their characteristics. Motivation and instruction in oral care		6
5.2. Professional mechanical removal of dental plaque	1,5	6
5.3. Professional removal of dental plaque using devices and chemicals		6
6. Medication treatment of periodontal diseases	1,5	6
7. Chronic gingivitis	1,5	18
8.1. Chronic simple marginal gingivitis		6
9.2. Chronic gingivitis, ulcerative, hyperplastic, symptomatic	1,5	12
8. Prevention of periodontal diseases. Oral hygiene products and methods	-	6

Section (topic) name	Number of class hours	
	lectures (incl. SSIW)	practical (laboratory or seminars)
9. Acute inflammatory diseases of periodontal tissues	1,5	12
9.1. Acute ulcerative gingivitis. Clinical manifestations, diagnosis, treatment methods	1,5	6
9.2. Acute periodontal abscess. Clinical manifestations, diagnosis, treatment methods		6
10. Chronic periodontitis. Development mechanism. Clinical manifestations of generalized periodontitis	3	18
11. Occlusal periodontal trauma. Development mechanism. Clinical picture. Occlusion therapy methods	1,5	6
12. Endoperiodontitis. Mechanism of development, clinical manifestations. Treatment planning	1,5	6
13. Gum recession. Periodontal atrophy. Clinical picture, diagnosis of gum recession and periodontal atrophy. Treatment of gum recession using cellular technologie	-	6
14. Prognosis and treatment planning for patients with periodontal disease	1,5	6
15. Propaedeutics of periodontal surgery	1,5	6
16. Maintenance therapy in patients with periodontal disease. Principles of maintenance therapy. Sequence of treatment and preventive measures	1,5	6
17. The relationship between periodontal diseases and systemic diseases	1,5	-
18. Physiotherapy of periodontal diseases	1,5	-
Всего часов	24	156

ACADEMIC DISCIPLINE CURRICULAR CHART

Section, topic #	Section (topic) name	Number of hours		Supervised student independent work	Practical skills	Form of control	
		lectures	practical (laboratory or seminars)				
	7 semester						
	Lectures						
1	Basics of periodontal biology	1,5					
2	Preparatory treatment of patients with periodontal diseases: hygienic measures	1,5					
3	Diagnosis of periodontal diseases	3					
4	Chronic gingivitis	1,5					
5	Prognosis and treatment planning for patients with periodontal disease	1,5					
6	Medication treatment of periodontal diseases	1,5					
7	Acute inflammatory diseases of periodontal tissues	1,5					
	Practical						
1.	Basics of periodontal biology		6	-			
1.1	The structure of periodontal tissues, terminology in periodontology. Factors influencing periodontal condition		6	-			Interview, electronic

Section, topic #	Section (topic) name	Number of hours		Supervised student independent work	Practical skills	Form of control	
		lectures	practical (laboratory or seminars)				
1.2	Dynamics of the periodontal biological system. Concepts of the development of periodontal diseases						tests, solving clinical problems, reviewing additional literature*
2.	Periodontal tissues, determination of their condition. Characteristics of healthy periodontium. Classification of periodontal diseases		12	-			
2.1.	Periodontal tissues. Criteria and means for determining the normal state of periodontal tissues		6	-			Interview, electronic tests, solving clinical problems, reviewing additional literature
2.2.	Classification of periodontal diseases: gingivitis, periodontitis, endoperiodontitis, gum recession, periodontal atrophy, gingival hypertrophy		6	-			Interview, electronic tests, solving clinical problems, reviewing additional literature*

Section, topic #	Section (topic) name	Number of hours		Supervised student independent work	Practical skills	Form of control	
		lectures	practical (laboratory or seminars)				
3.	Ergonomics. Principles of ergonomics. Ergonomic requirements in the process of performing periodontal manipulations		6	-			Interview, electronic tests, solving clinical problems, reviewing additional literature
4.	Diagnosis of periodontal diseases		18	-			Interview, electronic tests, solving clinical problems, reviewing additional literature*
4.1.	Stages of examination Primary visual characteristics of the periodontium. Radiation diagnostics in periodontology		6	-	Carrying out periodontal probing of the pathological pocket (determination of bleeding, depth, subgingival tartar, state of the periodontal attachment)	On simulation equipment. Demonstration of periodontal probing*	Interview, electronic tests, solving clinical problems, reviewing additional literature*
4.2.	Detailed examination of periodontal tissues. Functional methods for studying periodontal tissues		6	-	Performing an assessment of the resistance of gum capillaries (vacuum test for the resistance of gum capillaries)	Demonstration of periodontal probing	Interview, electronic tests, solving clinical problems, reviewing additional literature*

Section, topic #	Section (topic) name	Number of hours		Supervised student independent work	Practical skills	Form of control	
		lectures	practical (laboratory or seminars)				
4.3	Laboratory diagnostics for periodontal diseases. Index diagnostics. Characteristics of research methods		6	-	Taking the contents of the pathological periodontal pocket	On simulation equipment. Demonstration of periodontal probing*	Interview, electronic tests, solving clinical problems, reviewing additional literature*
5.	Preparatory treatment of patients with periodontal diseases: hygienic measures		18	-			
5.1.	Classification, characteristics and diagnosis of dental plaque. Motivation and instruction in oral care		6	-			Interview, electronic tests, solving clinical problems, reviewing additional literature*
							Interview, electronic tests, solving clinical problems, reviewing additional literature*
5.2.	Professional mechanical removal of dental plaque		6	-			Interview, electronic tests, solving clinical problems, reviewing additional literature*

Section, topic #	Section (topic) name	Number of hours		Supervised student independent work	Practical skills	Form of control	
		lectures	practical (laboratory or seminars)				
5.3.	Professional removal of dental plaque using devices, chemicals and combined method		6	-	Carrying out obligatory measures for patients with periodontal diseases with the removal of dental plaque	On simulation equipment. Demonstration of periodontal probing*	Interview, electronic tests, solving clinical problems, reviewing additional literature*
6.	Medication treatment of periodontal diseases		6	-	Determination of indications and contraindications for drug therapy in accordance with clinical protocols for patients with periodontal diseases	Demonstration of periodontal probing	Interview, electronic tests, solving clinical problems, reviewing additional literature*
7.	Chronic gingivitis		18	-			
7.1.	Chronic simple marginal gingivitis. Development mechanism. Clinical picture, treatment		6	-	Use of mandatory diagnostic methods, clinical and radiological characteristics, making a diagnosis of "gingivitis" in accordance with the clinical protocol	Demonstration of periodontal probing	Interview, electronic tests, solving clinical problems, reviewing additional literature*

Section, topic #	Section (topic) name	Number of hours		Supervised student independent work	Practical skills	Form of control	
		Lectures	practical (laboratory or seminars)				
7.2.	Chronic ulcerative gingivitis Development mechanism. Clinical picture. Treatment		6	-			Interview, electronic tests, solving clinical problems, reviewing additional literature
7.3.	Chronic hyperplastic, symptomatic gingivitis. Development mechanism. Clinical picture. Treatment		6	-	Assessing the reaction of the gingiva to mechanical pressure (symptom of "vasoparesis" of the gingiva)	Demonstration of periodontal probing	Interview, electronic tests, solving clinical problems, reviewing additional literature*
8	Prevention of periodontal diseases. Oral hygiene products and methods		6	-			Interview, electronic tests, solving clinical problems, reviewing additional literature. Test
8 semester							
	Lecture						
1	Chronic periodontitis. Development mechanism. Clinical	3					

Section, topic #	Section (topic) name	Number of hours		Supervised student independent work	Practical skills	Form of control	
		lectures	practical (laboratory or seminars)				
	manifestations of generalized periodontitis						
2	Occlusal periodontal trauma. Development mechanism. Clinical picture. Occlusion therapy methods	1,5					
3	Endoperiodontitis. Mechanism of development, clinical manifestations. Treatment planning	1,5					
4	The relationship between periodontal diseases and systemic diseases	1,5					
5	Propaedeutics of periodontal surgery	1,5					
6	Physiotherapy of periodontal diseases	1,5					
7	Maintenance therapy in patients with periodontal disease. Principles of maintenance therapy. Sequence of treatment and preventive measures	1,5					
	Practical						
1	Acute inflammatory diseases of periodontal tissues		12	-			
1.1.							Interview, electronic tests, solving clinical problems, reviewing additional literature*
	Acute ulcerative gingivitis. Clinical manifestations, diagnosis, treatment methods		6	-			
1.2.	Acute periodontal abscess. Clinical manifestations, diagnosis, treatment methods		6	-			Interview, electronic tests, solving

Section, topic #	Section (topic) name	Number of hours		Supervised student independent work	Practical skills	Form of control	
		lectures	practical (laboratory or seminars)				
2	Chronic periodontitis. Development mechanism. Clinical manifestations of generalized periodontitis		18	-			clinical problems, reviewing additional literature*
2.1.	Development mechanism. Clinical manifestation of forms, course, prevalence, severity of chronic periodontitis		6	-	Applying a therapeutic bandage to the gingiva	Demonstration of periodontal probing	Interview, electronic tests, solving clinical problems, reviewing additional literature
2.2.	Differential diagnosis of chronic periodontitis		6	-	Use of obligatory diagnostic methods, clinical and radiological characteristics, making a preliminary diagnosis of "periodontitis" in accordance with the clinical protocol	Demonstration of periodontal probing	Interview, electronic tests, solving clinical problems, reviewing additional literature*
2.3.	Periodontal pocket. Classification, development mechanism. histopathology, microbiology, diagnostic methods		6	-	Carrying out periodontal probing of the pathological periodontal pocket (determination of bleeding, depth, subgingival tartar, state of the periodontal	Demonstration of periodontal probing	Interview, electronic tests, solving clinical problems,

Section, topic #	Section (topic) name	Number of hours		Supervised student independent work	Practical skills	Form of control	
		lectures	practical (laboratory or seminars)				
3	Occlusal periodontal trauma. Development mechanism. Clinical picture. Occlusion therapy methods		6	-	attachment)	reviewing additional literature*	Interview, electronic tests, solving clinical problems, reviewing additional literature
4	Endoperiodontitis. Mechanism of development, clinical manifestations. Treatment planning		6	-			Interview, electronic tests, solving clinical problems, reviewing additional literature
5	Gum recession. Periodontal atrophy. Clinical picture, diagnosis of gum recession and periodontal atrophy. Treatment of gum recession using cellular technologies		6	-			Interview, electronic tests, solving clinical problems, reviewing additional literature
6	Prognosis and treatment planning for patients with		6	-			Interview,

Section, topic #	Section (topic) name	Number of hours		Supervised student independent work	Practical skills	Form of control	
		lectures	practical (laboratory or seminars)				
	periodontal disease						electronic tests, solving clinical problems, reviewing additional literature.*
7	Propaedeutics of periodontal surgery		6	-			Interview, electronic tests, solving clinical problems, reviewing additional literature
8	Maintenance therapy in patients with periodontal disease. Principles of maintenance therapy. Sequence of treatment and preventive measures		6	-	Possession of communication skills when interacting with a patient, observing medical ethical principles. Preparation of medical and reporting documentation established at the appointment of patients with periodontal diseases	Demonstration of periodontal probing	Interview, electronic tests, solving clinical problems, reviewing additional literature.* Exam