

AMENDMENTS AND CHANGES TO THE CURRICULUM IN THE EDUCATIONAL DISCIPLINE «ENDODONTICS» for the specialty 1-79 01 07 «Dentistry»

2024/2025 academic year

Amendments and changes	Basis/Reason
1. Changes to the explanatory note have been introduced according to Appendix #1	Syllabus of educational institution for 2024-2025 academic year
2. Changes to the thematic plan have been introduced according to Appendix #2	Syllabus of educational institution for 2024-2025 academic year
3. Changes to the curricular chart have been introduced according to Appendix #3	Syllabus of educational institution for 2024-2025 academic year
4. List of practical skills has been updated according to Appendix #4	Department meeting of 18.06.2024

The curriculum is revised and approved at the meeting of Department of Endodontics (protocol № 19 of 18.06.2024)

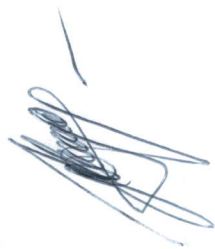
Head of the Department of Endodontics
Associate Professor



V.A.Andreeva

APPROVED

Dean of the Medical Faculty
for International Students



O.S.Ishutin

Changes to the explanatory note

Total number of hours for the study of the discipline is 424 academic hours, including 261 classroom hours and 163 hours of student independent work (self-study). Distribution of classroom hours by type of activity: 21 hours of lectures, 240 hours of practical classes.

ALLOCATION OF ACADEMIC TIME ACCORDING TO SEMESTERS OF STUDY

Code, name of the specialty	semester	Number of academic hours					Form of intermediate assessment
		total	in-class	including		out-of-class self-studies	
				lectures	practical classes		
1-79 01 07 «Dentistry»	6	80	57	6	45	29	—
	7	52	36	6	30	16	credit
	8	58	32	—	32	26	—
	9	138	93	9	84	45	examination
	10	96	49	—	49	47	credit
		424	267	21	241	163	

THEMATIC PLAN

Section (topic) name	Number of class hours	
	lectures	practical
1. Introduction to the discipline «Endodontics». Medical ethics and deontology in endodontics	1,5	6
2. Anatomical, histological and functional features of the dentine-pulp complex and periradicular tissues of tooth in health and disease	–	6
3. Mechanism of development, classification of the diseases of dental pulp and periapical tissues	1,5	3
4. Diagnosis of the diseases of dental pulp and periapical tissues	–	20
5. Diseases of dental pulp and periapical tissues. Differential diagnosis	1,5	30
6. Planning and implementation of endodontic treatment	16,5	160
6.1. Planning of treatment of dental pulp and periapical tissues' diseases of permanent teeth	1,5	3
6.2. Anesthesia in endodontic dental treatment	1,5	3
6.3. Operating field isolation methods in endodontics	–	3
6.4. Methods of vital pulp therapy	–	3
6.5. Creation of endodontic access to the root canal system	–	3
6.6. Medical assistance in endodontics for conditions that pose a threat to life and (or) health of a person	–	3
6.7. Preparation of the root canal system for obturation	3	16
6.8. Methods of obturation the root canal system of teeth	1,5	12
6.9. Methods of treatment of dental pulp diseases	–	6
6.10. Methods of treatment of periapical tissues' diseases of the tooth	–	6
6.11. Indications for endodontic retreatment and tooth-preserving surgery	–	4
6.12. Endodontic treatment in traumatic tooth injuries	1,5	7
6.13. Justification of postendodontic restoration of anatomical and functional integrity of tooth	1,5	7
6.14. Mistakes and complications in endodontic treatment	1,5	28
6.15. Pathological tooth resorption	1,5	14
6.16. Methods of endodontic treatment of pathological tooth resorption	–	7
6.17. Criteria for assessing the quality of endodontic treatment	1,5	7
6.18. Endodontic retreatment of teeth	1,5	7
6.19. Methods for correcting the shade of non-vital tooth	–	7
6.20. Application of physiotherapeutic factors in endodontic	–	7

Section (topic) name	Number of class hours	
	lectures	practical
treatment steps		
6.21. Odontogenic source of infection and focal disease	–	7
7. Interdisciplinary approach in endodontic treatment	–	21
Total hours	21	246

Section, topic	Section (topic) name	Number of hours		Supervised student independent work		Form of control	
		lectures	practical			of practical skills	of current / intermediate assessment
	6 semester	6	51	23			
Lectures							
1.	Introduction to the discipline «Endodontics». Medical ethics and deontology in endodontics						
	Endodontics. Basic terms and concepts. Regulatory and legal framework of patient admission	1,5		-			
3.	Mechanism of development, classification of the diseases of dental pulp and periapical tissues	1,5		-			
5.	Diseases of dental pulp and periapical tissues. Differential diagnosis			-			
5.3.	Differential diagnosis of the diseases of dental pulp and periapical tissues	1,5		-			
6.	Planning and implementation of endodontic treatment						
6.1.	Planning of treatment of pulp and periapical tissues' diseases of permanent teeth	1,5		-			
Practical lessons							

1.	Introduction to the discipline «Endodontics». Medical ethics and deontology in endodontics					Communication skills in interaction with the patient, compliance with medical ethics and deontology when performing endodontic treatment	Practical implementation at the dental tests chair. Solving a situational task. Completing dental outpatient records of the patient	skill Interview, tests electronic
	Objectives of contemporary endodontic treatment. Medical ethics and deontology in endodontics	-	3	-				
	Requirements for the organization of patient reception for endodontic treatment. Principles and requirements for ergonomic endodontic manipulations	-	3	-		Compliance with the requirements of ergonomics in performing endodontic manipulations	Practical implementation at the dental tests chair. Solving a situational task.	skill Interview, tests electronic
2.	Anatomical, histological and functional features of the dentine-pulp complex and periradicular tissues of tooth in health and disease							
	Structure and functioning of dentine-pulp complex and periradicular tissues of the tooth	-	3	-		Diagnosis of the diseases of dental pulp and periapical tissues	Practical implementation at the dental tests chair. Solving a situational task	skill Interview, tests electronic
	Microbiology of root canal system in the diseases of dental pulp and periapical tissues	-	3	-		Diagnosis of the diseases of dental pulp and periapical tissues	Practical implementation at the dental tests chair. Solving a situational task	skill Interview, tests electronic
3.	Mechanism of development, classification of the diseases of dental pulp and periapical tissues		3	-		Diagnosis of the diseases of dental pulp and periapical tissues	Practical implementation at the dental tests chair. Solving a situational task	skill Interview, tests electronic
4.	Diagnosis of the diseases of dental pulp and periapical tissues							
	Basic and additional methods of	-	3	-		Planning examination of patient with	Practical	skill Interview, tests electronic

	diagnosis of the diseases of dental pulp and periapical tissues			pulp and periapical diseases of permanent teeth	of implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient*	tests, taking notes of original sources*
	Radiological methods of diagnosis in endodontics	—	3	Interpreting the results of contact dental radiography;	skill Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	Interview, electronic tests, taking notes of original sources
5.	Diseases of dental pulp and periapical tissues. Differential diagnosis					
	Pulp hyperemia. Acute pulpitis, purulent pulpitis	—	3	Performing and interpreting the results of cold and thermal test; performing and interpreting the results of electric pulp test; interpreting the results of contact dental radiography;	skill Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	Interview, electronic tests, taking notes of original sources
	Chronic pulpitis. Chronic ulcerative pulpitis, chronic hyperplastic pulpitis	—	3	Performing and interpreting the results of cold and thermal test; performing and interpreting the results of electric pulp test; interpreting the results of contact dental radiography;	skill Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	Interview, electronic tests, taking notes of original sources
	Pulp necrosis	—	3	Performing and interpreting the results of cold and thermal test; performing and interpreting the results of electric pulp test; interpreting the results of contact dental radiography;	skill Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	Interview, electronic tests, taking notes of original sources

	Pulp degeneration	-	3	-	Performing and interpreting results of cold and thermal test; performing and interpreting results of electric pulp test; interpreting the results of contact dental radiography;	the Practical implementation at the dental tests, taking notes of original sources Solving a situational task. Completing dental outpatient records of the patient	skill Interview, electronic
	Acute apical periodontitis	-	3	-	Performing and interpreting results of cold and thermal test; performing and interpreting results of electric pulp test; interpreting the results of contact dental radiography;	the Practical implementation at the dental tests, taking notes of original sources Solving a situational task. Completing dental outpatient records of the patient	skill Interview, electronic
	Chronic apical periodontitis	-	3	-	Performing and interpreting results of cold and thermal test; performing and interpreting results of electric pulp test; interpreting the results of contact dental radiography;	the Practical implementation at the dental tests, taking notes of original sources Solving a situational task. Completing dental outpatient records of the patient	skill Interview, electronic
	Periapical abscess without sinus	-	3	-	Performing and interpreting results of cold and thermal test; performing and interpreting results of electric pulp test; interpreting the results of contact dental radiography;	the Practical implementation at the dental tests, taking notes of original sources Solving a situational task. Completing dental outpatient records of the patient	skill Interview, electronic
	Periapical abscess with sinus	-	3	-	Performing and interpreting results of cold and thermal test; performing and interpreting results of electric pulp test; interpreting the results of contact dental radiography;	the Practical implementation at the dental tests, taking notes of original sources Solving a situational task. Completing dental outpatient records of the patient	skill Interview, electronic

					dental radiography;	records of the patient	
5.1	Differential diagnosis of the diseases of dental pulp	-	3	-	Making diagnosis of the «disease of dental pulp» in accordance with classification provided by the clinical protocol;	Practical skillImplementation at the dental tests, , taking notes of original sources* Solving a situational task. Completing dental outpatient records of the patient*	Interview, electronic tests, , taking notes of original sources*
5.2	Differential diagnosis of the diseases of periapical tissues	-	3	-	Making diagnosis of the «disease of periapical tissues of the tooth» in accordance with classification provided by the clinical protocol	Practical skillImplementation at the dental tests, , taking notes of original sources* Solving a situational task. Completing dental outpatient records of the patient*	Interview, electronic tests, , taking notes of original sources*
	7 semester	6	30				
6.	Planning and implementation of endodontic treatment						
6.2.	Anesthesia in endodontic dental treatment	1,5		-			
6.7.	Preparation of the root canal system for obturation						
	Instrumentation of the root canals	1,5		-			
	Medical treatment of the root canals	1,5		-			
6.8.	Methods of obturation the root canal system of teeth	1,5		-			
Practical lessons							
6.	Planning and implementation of endodontic treatment						
6.1.	Planning of treatment of pulp and periapical tissues' diseases of permanent teeth	-	3	-	Treatment planning for a patient with pulp and periapical diseases of permanent teeth	Practical skillImplementation at the dental tests, , taking notes of original sources* Solving a situational task. Completing dental outpatient	Interview, electronic tests, , taking notes of original sources

						records of the patient	
6.2.	Anesthesia in endodontic dental treatment			3	-	Selection of method and implementation of local anesthesia in endodontic manipulations	Practical skill implementation at the dental tests, taking notes of original sources* Republican Center for Professional Certification and Simulation Training (hereinafter - RCPC & ST). Solving a situational task. Completing dental outpatient records of the patient*
6.3.	Operating field isolation methods in endodontics		-	3	-	Isolation of the operating field during endodontic manipulations (application of rubberdam)	Practical skill implementation at the dental tests, taking notes of original sources Republican Center for Professional Certification and Simulation Training (hereinafter - RCPC & ST). Solving a situational task. Completing dental outpatient records of the patient
6.4.	Methods of vital pulp therapy		-	3	-	Selection of means and carrying out stages of vital pulpothrapy	Practical skill implementation at the dental tests, taking notes of original sources Solving a situational task. Completing dental outpatient records of the patient
6.5.	Creation of endodontic access to the root canal system		-	3	-	Pulp chamber opening and vital pulp amputation, cavity access, scouting and shaping of root canal orifices;	Practical skill implementation at the dental tests, taking notes of original sources Solving a situational task. Completing dental outpatient records of the patient

6.6.	Medical assistance in endodontics for conditions that pose a threat to life and (or) health of a person	-	3	-	Providing emergency care for conditions that threaten the life and (or) health of the patient	Practical implementation at the dental chair. Republican Center for Professional Certification and Simulation Training (hereinafter - RCPC & ST). Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic tests, taking notes of original sources
6.9.	Methods of treatment of dental pulp diseases	-					
	Treatment of pulpitis by means of vital pulp extirpation	-	3	-	Pulp chamber opening and vital pulp amputation; cavity access, scouting and shaping of root canal orifices; pulp extirpation; determination of the root canal working length; root canal instrumentation (selection of the shaping technique and instruments); medical treatment of the root canal, selection of antiseptic; temporary obturation of the root canal; root canal obturation with gutta-percha cones using lateral condensation technique	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient*	skillInterview, electronic tests, taking notes of original sources*
	Treatment of pulpitis by means of devital pulp extirpation	-	3	-	Pulp chamber opening and application of devitalizing paste; cavity access, scouting and shaping of root canal orifices; pulp extirpation;	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient	skillInterview, electronic tests, taking notes of original sources

					determination of the root canal working length; root canal instrumentation (selection of the shaping technique and instruments); medical treatment of the root canal, selection of antiseptic; temporary obturation of the root canal; root canal obturation with gutta-percha cones using lateral condensation technique	records of the patient	
6.10.	Methods of treatment of periapical tissues' diseases						
	Treatment of acute and chronic forms of apical periodontitis				Cavity access, scouting and shaping of root canal orifices; pulp extirpation; determination of the root canal working length; root canal instrumentation (selection of the shaping technique and instruments); medical treatment of the root canal, selection of antiseptic; temporary obturation of the root canal; root canal obturation with gutta-percha cones using lateral condensation technique	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic tests, taking notes of original sources
	Treatment of periapical abscess			3	-		skillInterview, electronic tests, taking notes of original sources. Credit
				3	-	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient	

					root canal instrumentation (selection of the shaping technique and instruments); medical treatment of the root canal, selection of antiseptic; temporary obturation of the root canal; root canal obturation with gutta-percha cones using lateral condensation technique	records of the patient	
	8 semester	-	32	-			
Practical lessons							
6.	Planning and implementation of endodontic treatment						
6.7.	Preparation of the root canal system for obturation			*			*
	Instrumentation of the root canals				Root canal instrumentation (selection of the shaping technique and instruments)	* Practical skill implementation at the dental chair. Republican Center for Professional Certification and Simulation Training (hereinafter - RCPC & ST). Solving a situational task. Completing dental outpatient records of the patient*	Interview, electronic tests, taking notes of original sources*
	Mistakes and complications during instrumentation of the root canal		4	-		Practical skill implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	Interview, electronic tests, taking notes of original sources

	Medical treatment of the root canals	-	4	-	Medical treatment of the root canal, selection of antiseptic	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skill Interview, electronic notes of original sources
	Mistakes and complications during medical treatment of the root canal	-	4	-	Medical treatment of the root canal, selection of antiseptic	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skill Interview, electronic notes of original sources
6.8.	Methods of obturation the root canal system of teeth						
	Methods and techniques of temporary obturation of the root canals	-	4	-	Temporary obturation of the root canal	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skill Interview, electronic notes of original sources
	Methods and techniques of permanent obturation of the root canals	-	4	-	Root canal obturation with gutta-percha cones using lateral condensation technique	Practical implementation at the dental chair. Republican Center for Professional Certification and Simulation Training (hereinafter - RCPC & ST). Solving a situational task. Completing dental outpatient records of the patient*	skill Interview, electronic notes of original sources*
	Mistakes and complications during obturation of the root canals. Prevention of complications	-	4	-	Root canal obturation with gutta-percha cones using lateral condensation technique	Practical implementation at the dental chair. Solving a situational task.	skill Interview, electronic notes of original sources

									Completing dental outpatient records of the patient	
6.11.	Indications for endodontic retreatment and tooth-preserving surgery	–	4	-	Determination of indications for endodontic retreatment and tooth-preserving surgery	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skillInterview, taking notes of original sources			
	9 semester	9	84	-						
6.	Planning and implementation of endodontic treatment									
6.12	Endodontic treatment in traumatic tooth injuries	1,5		-						
6.13	Justification of postendodontic restoration of anatomical and functional integrity of tooth	1,5		-						
6.14	Mistakes and complications in endodontic treatment	1,5		-						
6.15	Pathological tooth resorption	1,5		-						
6.17	Criteria for assessing the quality of endodontic treatment	1,5		-						
6.18	Endodontic retreatment of teeth	1,5		-						
Practical lessons										
4.	Diagnosis of the diseases of pulp and periapical tissues									
	Application of cone beam computed tomography in endodontics	–	7	-	Interpreting the results of cone beam computed tomography	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skillInterview, taking notes of original sources			
6.	Planning and implementation of									

	endodontic treatment							
6.12	Endodontic treatment in traumatic tooth injuries			7	-	Performing the steps of endodontic treatment:	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic tests, taking notes of original sources
6.13	Justification of postendodontic restoration of anatomical and functional integrity of tooth			7	-	Determination and interpretation of Occlusal Surface Destruction Index and justification of postendodontic restoration of anatomical and functional integrity of tooth	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic tests, taking notes of original sources
	Mistakes in diagnosis and treatment planning of the diseases of dental pulp and periapical tissues	-		7	-	Performing the steps of endodontic treatment:	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic tests, taking notes of original sources
	Tooth perforations. Prevention. Treatment methods	-		7	-	Performing the steps of endodontic treatment:	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic tests, taking notes of original sources
	Endodontic instrument fracture inside the root canal	-		7	-	Root canal instrumentation (selection of the shaping technique and instruments)	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic tests, taking notes of original sources
	Management of fractured endodontic instruments	-		7	-	Root canal instrumentation (selection of the shaping technique and instruments)	Practical implementation at the dental chair.	skillInterview, electronic tests, clinical case studies, taking notes of

							Solving a situational task. Completing dental outpatient records of the patient	original sources
	Classification, mechanism of development, criteria and features of pathological tooth resorption	-	7	-			Diagnosis of the diseases of dental pulp and periapical tissues Practical implementation at the dental tests, taking notes of original sources Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic original sources
	Basic principles of medical prevention and planning of pathological root resorption comprehensive treatment	-	7	-			Performing the steps of endodontic treatment: Practical implementation at the dental tests, taking notes of original sources Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic original sources
6.16	Methods of endodontic treatment of pathological tooth resorption	-	7	-			Performing the steps of endodontic treatment: Practical implementation at the dental tests, taking notes of original sources Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic original sources
6.17	Criteria for assessing the quality of endodontic treatment		7	-			Determination of medical follow-up periods and treatment quality evaluation for the diseases of dental pulp and periapical tissues Practical implementation at the dental tests, taking notes of original sources* Solving a situational task. Completing dental outpatient records of the patient*	skillInterview, electronic original sources*
6.18	Endodontic retreatment of teeth		7	-			Determination of indications for endodontic retreatment and tooth-preserving surgery Practical implementation at the dental tests, taking notes of original sources* Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic original sources* Examination*

	10 semester	-	49	-			
Practical lessons							
4. Diagnosis of the diseases of dental pulp and periapical tissues	Methods of visualization the operating field in endodontic practice	-	7	-	Performing the steps of endodontic treatment	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic tests, taking notes of original sources
6. Planning and implementation of endodontic treatment							
6.20 Methods for correcting the shade of non-vital tooth		-	7	-	Performing restoration of anatomical and functional integrity of tooth	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic tests, taking notes of original sources
6.21 Application of physiotherapeutic factors in endodontic treatment		-	7	-	Performing the steps of endodontic treatment	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient	skillInterview, electronic tests, taking notes of original sources
6.22 Dental infection site and focal disease		-	7	-	Determination of medical follow-up periods and treatment quality evaluation for the diseases of dental pulp and periapical tissues	Practical implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient*	skillInterview, electronic tests, taking notes of original sources*
7. Interdisciplinary approach in endodontic treatment	Interdisciplinary interaction in	-					
	interdisciplinary interaction in	-	7	-	Treatment planning for a patient	Practical	skillInterview, electronic

	treatment planning for patients with the diseases of dental pulp and periapical tissues			with pulp and periapical diseases of permanent teeth	Solving a situational task. Completing dental outpatient records of the patient	Interview, electronic tests, taking notes of original sources
	Tooth-preserving technologies in endodontic practice	7	-	Treatment planning for a patient with pulp and periapical diseases of permanent teeth	Practical skill Solving a situational task. Completing dental outpatient records of the patient	Interview, electronic tests, taking notes of original sources
	Regenerative technologies in endodontics	7	-	Performing the steps of endodontic treatment	Practical skill Solving a situational task. Completing dental outpatient records of the patient	Interview, electronic tests, taking notes of original sources. Credit
		21	246			

*This is a mandatory form of current certification (each student will receive a mark)

AGREED

Head of the working group

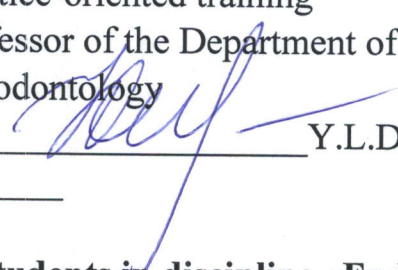
"DENTISTRY" of the

Expert Council on

practice-oriented training

Professor of the Department of

Periodontology


Y.L. Denisova

Date

List of practical skills for the 5th year students in discipline «Endodontics» for specialty 1-79 01 07 «Dentistry»

Name of practical skill	Forms of practical skill check/monitoring
1. Communication skills in interaction with the patient, compliance with medical ethics and deontology when performing endodontic treatment	Practical skill implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient
2. Execution of medical documentation at therapeutic appointment for treatment of dental pulp and apical periodontal diseases	Practical skill implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient
3. Compliance with the requirements of ergonomics in performing endodontic manipulations	Practical skill implementation at the dental chair. Solving a situational task.
4. Planning examination of patient with pulp and periapical diseases of permanent teeth	Practical skill implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient
5. Diagnosis of the diseases of dental pulp and periapical tissues: performing and interpreting the results of thermal test; performing and interpreting the results of electric pulp test; interpreting the results of contact	Practical skill implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient

dental radiography; interpreting the results of cone beam computed tomography; making diagnosis of the «disease of dental pulp» in accordance with classification provided by the clinical protocol; making diagnosis of the «disease of periapical tissues of the tooth» in accordance with classification provided by the clinical protocol	
6. Treatment planning for a patient with pulp and periapical diseases of permanent teeth	Practical skill implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient
7. Performing the steps of endodontic treatment: selection of method and implementation of local anesthesia in endodontic manipulations; isolation of the operating field during endodontic manipulations (application of rubberdam); pulp chamber opening and application of devitalizing paste; pulp chamber opening and vital pulp amputation; cavity access, scouting and shaping of root canal orifices; pulp extirpation; determination of the root canal working length; root canal instrumentation (selection of the shaping technique and instruments); medical treatment of the root canal, selection of antiseptic; temporary obturation of the root canal; root canal obturation with gutta-percha cones using lateral condensation technique	Practical skill implementation at the dental chair. Republican Center for Professional Certification and Simulation Training (hereinafter - RCPC & ST). Solving a situational task. Completing dental outpatient records of the patient
8. Determination of medical follow-up	Practical skill implementation at the

periods and treatment quality evaluation for the diseases of dental pulp and periapical tissues	dental chair. Solving a situational task. Completing dental outpatient records of the patient
9. Determination of indications for endodontic retreatment and tooth-preserving surgery	Practical skill implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient
10. Determination and interpretation of Occlusal Surface Destruction Index and justification of postendodontic restoration of anatomical and functional integrity of tooth	Practical skill implementation at the dental chair. Solving a situational task. Completing dental outpatient records of the patient
11. Performing postendodontic restoration of anatomical and functional integrity of tooth	Practical skill implementation at the dental chair. RCPC & ST. Solving a situational task. Completing dental outpatient records of the patient

Head of the Department of Endodontics
Associate Professor



V.A.Andreeva