

**Thematic lesson plan of seminars  
in the discipline "Therapeutic dentistry" module «Endodontics»  
for students of the educational program  
of the specialty of training 31.05.03 Dentistry,  
(specialist's level), form of study – resident instruction  
5th-Years Students (Term IX), for the 2023-2024 academic year**

№	Thematic blocks	Hours (academic)
1	<b>Morphology of teeth and their root canal systems<sup>1</sup>. (Part 1)</b>	2
	<b>Morphology of teeth and their root canal systems<sup>1</sup>. (Part 2)</b>	2
	<b>Morphology of teeth and their root canal systems<sup>1</sup>. (Part 3)</b>	2
2	<b>Endodontic instruments and devices<sup>1</sup> (electronic apex locator, endodontic electric motors, surgical operating microscope, lasers in endodontics)<sup>2</sup>. (Part 1)</b>	2
	<b>Endodontic instruments and devices<sup>1</sup> (electronic apex locator, endodontic electric motors, surgical operating microscope, lasers in endodontics)<sup>2</sup>. (Part 2)</b>	2
	<b>Endodontic instruments and devices<sup>1</sup> (electronic apex locator, endodontic electric motors, surgical operating microscope, lasers in endodontics)<sup>2</sup>. (Part 3)</b>	2
3	<b>The main steps of endodontic treatment<sup>1</sup>. Working length determination. Preparation of coronal and radicular spaces (cleaning and shaping the root canal system)<sup>2</sup>. (Part 1)</b>	2
	<b>The main steps of endodontic treatment<sup>1</sup>. Working length determination. Preparation of coronal and radicular spaces (cleaning and shaping the root canal system)<sup>2</sup>. (Part 2)</b>	2
	<b>The main steps of endodontic treatment<sup>1</sup>. Working length determination. Preparation of coronal and radicular spaces (cleaning and shaping the root canal system)<sup>2</sup>. (Part 3)</b>	2
4	<b>Disinfection of the root canal system<sup>1</sup>. Irrigants. Intracanal medication<sup>2</sup>. (Part 1)</b>	2
	<b>Disinfection of the root canal system<sup>1</sup>. Irrigants. Intracanal medication<sup>2</sup>. (Part 2)</b>	2
	<b>Disinfection of the root canal system<sup>1</sup>. Irrigants. Intracanal medication<sup>2</sup>. (Part 3)</b>	2
5	<b>Obturation of the cleaned and shaped root canal system. Root canal filling materials<sup>1</sup>. Methods of obturation of the radicular space<sup>2</sup>. (Part 1)</b>	2
	<b>Obturation of the cleaned and shaped root canal system. Root canal filling materials<sup>1</sup>. Methods of obturation of the radicular space<sup>2</sup>. (Part 2)</b>	2
	<b>Obturation of the cleaned and shaped root canal system. Root canal filling materials<sup>1</sup>. Methods of obturation of the radicular space<sup>2</sup>. (Part 3)</b>	2
6	<b>Methods of treating teeth with problematic root canals<sup>1</sup>. (Part 1)</b>	2
	<b>Methods of treating teeth with problematic root canals<sup>1</sup>. (Part 2)</b>	2
	<b>Methods of treating teeth with problematic root canals<sup>1</sup>. (Part 3)</b>	2
7	<b>Physiotherapy methods in endodontics<sup>1</sup>. (Part 1)</b>	2
	<b>Physiotherapy methods in endodontics<sup>1</sup>. (Part 2)</b>	2
	<b>Physiotherapy methods in endodontics<sup>1</sup>. (Part 3)</b>	2
8	<b>Management of endodontic mishaps<sup>1</sup>. (Part 1)</b>	2
	<b>Management of endodontic mishaps<sup>1</sup>. (Part 2)</b>	2

	<b>Management of endodontic mishaps<sup>1</sup>. (Part 3)</b>	2
	<b>Total</b>	48

<sup>1</sup> - Subject

<sup>2</sup> - essential content (if necessary)

Considered at the meeting of the department of Therapeutic Dentistry "01" June 2023, protocol No12

Head of the Department of Therapeutic  
Dentistry, DSci, Professor



I.V. Firsova

**Thematic lesson plan of seminars  
in the discipline "Therapeutic dentistry" module «Endodontics»  
for students of the educational program  
of the specialty of training 31.05.03 Dentistry,  
(specialist's level), form of study – resident instruction  
5th-Years Students (Term X), for the 2023-2024 academic year**

№	Thematic blocks	Hours (academic)
1	<b>Pulpitis</b> <sup>1</sup> . Etiology, pathogenesis, classification, clinical features, diagnostics, differential diagnostics <sup>2</sup> . (Part 1)	2
	<b>Pulpitis</b> <sup>1</sup> . Etiology, pathogenesis, classification, clinical features, diagnostics, differential diagnostics <sup>2</sup> . (Part 2)	2
	<b>Pulpitis</b> <sup>1</sup> . Etiology, pathogenesis, classification, clinical features, diagnostics, differential diagnostics <sup>2</sup> . (Part 3)	2
2	<b>Management of pulpitis</b> <sup>1</sup> . (Part 1)	2
	<b>Management of pulpitis</b> <sup>1</sup> . (Part 2)	2
	<b>Management of pulpitis</b> <sup>1</sup> . (Part 3)	2
3	<b>Apical periodontitis</b> <sup>1</sup> . Etiology, pathogenesis, classification, clinical features, diagnostics, differential diagnostics. Management of apical periodontitis <sup>2</sup> . (Part 1)	2
	<b>Apical periodontitis</b> <sup>1</sup> . Etiology, pathogenesis, classification, clinical features, diagnostics, differential diagnostics. Management of apical periodontitis <sup>2</sup> . (Part 2)	2
	<b>Apical periodontitis</b> <sup>1</sup> . Etiology, pathogenesis, classification, clinical features, diagnostics, differential diagnostics. Management of apical periodontitis <sup>2</sup> . (Part 3)	2
4	<b>Root resorption</b> <sup>1</sup> (internal and external) <sup>2</sup> . <b>Management of endodontic emergencies</b> <sup>1</sup> of teeth with vital and non-vital pulp <sup>2</sup> . (Part 1)	2
	<b>Root resorption</b> <sup>1</sup> (internal and external) <sup>2</sup> . <b>Management of endodontic emergencies</b> <sup>1</sup> of teeth with vital and non-vital pulp <sup>2</sup> . (Part 2)	2
	<b>Root resorption</b> <sup>1</sup> (internal and external) <sup>2</sup> . <b>Management of endodontic emergencies</b> <sup>1</sup> of teeth with vital and non-vital pulp <sup>2</sup> . (Part 3)	2
5	<b>Mishaps of treatment techniques of pulpitis and periodontitis</b> <sup>1</sup> , detection, correction and prevention <sup>2</sup> . <b>Endodontic retreatment</b> <sup>1</sup> . (Part 1)	2
	<b>Mishaps of treatment techniques of pulpitis and periodontitis</b> <sup>1</sup> , detection, correction and prevention <sup>2</sup> . <b>Endodontic retreatment</b> <sup>1</sup> . (Part 2)	2
	<b>Mishaps of treatment techniques of pulpitis and periodontitis</b> <sup>1</sup> , detection, correction and prevention <sup>2</sup> . <b>Endodontic retreatment</b> <sup>1</sup> . (Part 3)	2
6	<b>Oral focal infection</b> <sup>1</sup> . The oral-systemic disease connection. Microbiology of endodontic infections. Bacterial biofilm in endodontics <sup>2</sup> . (Part 1)	2
	<b>Oral focal infection</b> <sup>1</sup> . The oral-systemic disease connection. Microbiology of endodontic infections. Bacterial biofilm in endodontics <sup>2</sup> . (Part 2)	2
	<b>Oral focal infection</b> <sup>1</sup> . The oral-systemic disease connection. Microbiology of endodontic infections. Bacterial biofilm in endodontics <sup>2</sup> . (Part 3)	2
7	<b>Restoration of the endodontically treated tooth</b> <sup>1</sup> . Posts <sup>2</sup> . (Part 1)	2
	<b>Restoration of the endodontically treated tooth</b> <sup>1</sup> . Posts <sup>2</sup> . (Part 2)	2
	<b>Restoration of the endodontically treated tooth</b> <sup>1</sup> . Posts <sup>2</sup> . (Part 3)	2
8	<b>Отбеливание девитальных зубов</b> <sup>1</sup>	2

	(с измененным цветом) <sup>2</sup> . (часть 1)	
	<b>Отбеливание девитальных зубов</b> <sup>1</sup> (с измененным цветом) <sup>2</sup> . (часть 2)	2
	<b>Отбеливание девитальных зубов</b> <sup>1</sup> (с измененным цветом) <sup>2</sup> . (часть 3)	2
	Total	48

<sup>1</sup> - Subject

<sup>2</sup> - essential content (if necessary)

Considered at the meeting of the department of Therapeutic Dentistry "01" June 2023, protocol No12

Head of the Department of Therapeutic  
Dentistry, DSci, Professor



I.V. Firsova

**Thematic lesson plan of seminars  
in the discipline "Therapeutic dentistry" module «Periodontology»  
for students of the educational program  
of the specialty of training 31.05.03 Dentistry,  
(specialist's level), form of study – resident instruction  
5th-Years Students (Term IX), for the 2023-2024 academic year**

№	Thematic blocks	Hours (academic)
1	<b>Anatomical and physiological features of the “parodontal complex” (periodontal tissues)<sup>1</sup>. (Part 1)</b>	2 (90 min.)
	<b>The plan and special aspects of filling out the clinical chart in periodontology. Research methods in clinical periodontology<sup>1</sup>. The basic examination methods<sup>2</sup>. (Part 2)</b>	2 (90 min.)
	<b>The plan and special aspects of filling out the clinical chart in periodontology. Research methods in clinical periodontology<sup>1</sup>. The basic examination methods<sup>2</sup>. (Part 3)</b>	1,9 (86 min)
2	<b>Additional research methods in clinical periodontology<sup>1</sup>. Medical record and notes of periodontal disease<sup>2</sup>. (Part 1)</b>	2 (90 min.)
	<b>Classification of periodontal diseases. The role of external and internal factors in etiopathogenesis of periodontal diseases<sup>1</sup>. (Part 2)</b>	2 (90 min.)
	<b>Classification of periodontal diseases. The role of external and internal factors in etiopathogenesis of periodontal diseases<sup>1</sup>. (Part 3)</b>	1,9 (85 min.)
3	<b>Gingivitis. Acute gingivitis (K05.0). Chronic gingivitis (K05.1). Ulcerative gingivitis (A69.10). Hypertrophy of papilla gingivalis, gingival enlargement (K06.1)<sup>1</sup>. Etiology and pathogenesis. The role of local and general factors in etiology of gingivitis. Prevalence rate, clinical findings, diagnosis, differential diagnostics<sup>2</sup>. (Part 1)</b>	2 (90 min.)
	<b>Gingivitis. Acute gingivitis (K05.0). Chronic gingivitis (K05.1). Ulcerative gingivitis (A69.10). Hypertrophy of papilla gingivalis, gingival enlargement (K06.1)<sup>1</sup>. Etiology and pathogenesis. The role of local and general factors in etiology of gingivitis. Prevalence rate, clinical findings, diagnosis, differential diagnostics<sup>2</sup>. (Part 2)</b>	2 (90 min.)
	<b>Gingivitis. Acute gingivitis (K05.0). Chronic gingivitis (K05.1). Ulcerative gingivitis (A69.10). Hypertrophy of papilla gingivalis, gingival enlargement (K06.1)<sup>1</sup>. Etiology and pathogenesis. The role of local and general factors in etiology of gingivitis. Prevalence rate, clinical findings, diagnosis, differential diagnostics<sup>2</sup>. (Part 3)</b>	1,8 (81 min.)
4	<b>Periodontitis (K05.2, K05.3)<sup>1</sup>. Etiology and pathogenesis. Pathoanatomy, clinical findings, diagnosis, differential diagnostics<sup>2</sup>. (Part 1)</b>	2 (90 мин.)
	<b>Periodontitis (K05.2, K05.3)<sup>1</sup>. Etiology and pathogenesis. Pathoanatomy, clinical findings, diagnosis, differential diagnostics<sup>2</sup>. (Part 2)</b>	2 (90 мин.)
	<b>Periodontitis (K05.2, K05.3)<sup>1</sup>. Etiology and pathogenesis. Pathoanatomy, clinical findings, diagnosis, differential diagnostics<sup>2</sup>. (Part 3)</b>	1,8 (81 мин)
5	<b>Periodontosis (K05.4)<sup>1</sup>, prevalence rate. Etiology and pathogenesis. Pathoanatomy, clinical findings, diagnosis, differential diagnostics<sup>2</sup>. (Part 1)</b>	2 (90 мин.)
	<b>Periodontosis (K05.4)<sup>1</sup>, prevalence rate. Etiology and pathogenesis. Pathoanatomy, clinical findings, diagnosis, differential diagnostics<sup>2</sup>. (Part 2)</b>	2 (90 мин.)
	<b>Periodontosis (K05.4)<sup>1</sup>, prevalence rate. Etiology and pathogenesis. Pathoanatomy, clinical findings, diagnosis, differential diagnostics<sup>2</sup>. (Part 3)</b>	1,8 (81 мин)
6	<b>Gingival recession (K06.0)<sup>1</sup>. Etiology and pathogenesis. The role of local and general factors in etiopathogenesis of gingival recession. Classification. Prevalence rate,</b>	2 (90 мин.)

	clinical findings, diagnosis, differential diagnostics. <b>Other periodontal diseases (idiopathic diseases, tumorous and tumor-like periodontal diseases (K05.5))<sup>1</sup></b> . Clinical features, diagnosis methods, differential diagnostics <sup>2</sup> . (Part 1)	
	<b>Gingival recession (K06.0)<sup>1</sup></b> . Etiology and pathogenesis. The role of local and general factors in etiopathogenesis of gingival recession. Classification. Prevalence rate, clinical findings, diagnosis, differential diagnostics. <b>Other periodontal diseases (idiopathic diseases, tumorous and tumor-like periodontal diseases (K05.5))<sup>1</sup></b> . Clinical features, diagnosis methods, differential diagnostics <sup>2</sup> . (Part 2)	2 (90 мин.)
	<b>Gingival recession (K06.0)<sup>1</sup></b> . Etiology and pathogenesis. The role of local and general factors in etiopathogenesis of gingival recession. Classification. Prevalence rate, clinical findings, diagnosis, differential diagnostics. <b>Other periodontal diseases (idiopathic diseases, tumorous and tumor-like periodontal diseases (K05.5))<sup>1</sup></b> . Clinical features, diagnosis methods, differential diagnostics <sup>2</sup> . (Part 3)	1,8 (81 мин)
7	<b>The treatment principles in clinical periodontology. Treatment planning of periodontal diseases<sup>1</sup></b> . The necessity of specialized doctors involvement (the principle of collegiality in management of patient with periodontal disease). The usage of therapeutic, prosthetic, orthodontic and physiotherapeutic methods in comprehensive treatment of periodontal diseases. The plan of clinical chart in periodontology <sup>2</sup> . (Part 1)	2 (90 мин.)
	<b>The treatment principles in clinical periodontology. Treatment planning of periodontal diseases<sup>1</sup></b> . The necessity of specialized doctors involvement (the principle of collegiality in management of patient with periodontal disease). The usage of therapeutic, prosthetic, orthodontic and physiotherapeutic methods in comprehensive treatment of periodontal diseases. The plan of clinical chart in periodontology <sup>2</sup> . (Part 2)	2 (90 мин.)
	<b>The up-date techniques of supragingival and subgingival deposits removal<sup>1</sup></b> . The methodology of working with the help of dental manual instruments. Instruments in clinical periodontology. Ultrasonic scalers for dental deposits removal. Irrigation of periodontal pockets. Laser periodontal care (curettage), photo-dynamic therapy <sup>2</sup> . (Part 3)	1,8 (81 мин)
8	<b>The local and general treatment of gingivitis: acute gingivitis (K05.0) and chronic gingivitis (K05.1)<sup>1</sup></b> . Pharmacological therapy: classification of medicines using in periodontology, indications, contraindications and side effects of periodontal diseases pharmacological therapy. The methods of medicines topical use (applications, mouth wash, infriktion, periodontal dressing, irrigation and instillation to periodontal pocket) <sup>2</sup> . (Part 1)	2 (90 мин.)
	<b>The local and general treatment of gingivitis: acute gingivitis (K05.0) and chronic gingivitis (K05.1)<sup>1</sup></b> . Pharmacological therapy: classification of medicines using in periodontology, indications, contraindications and side effects of periodontal diseases pharmacological therapy. The methods of medicines topical use (applications, mouth wash, infriktion, periodontal dressing, irrigation and instillation to periodontal pocket) <sup>2</sup> . (Part 1)	2 (90 мин.)
	<b>The local and general treatment of gingivitis: acute gingivitis (K05.0) and chronic gingivitis (K05.1)<sup>1</sup></b> . Pharmacological therapy: classification of medicines using in periodontology, indications, contraindications and side effects of periodontal diseases pharmacological therapy. The methods of medicines topical use (applications, mouth wash, infriktion, periodontal dressing, irrigation and instillation to periodontal pocket) <sup>2</sup> . (Part 1)	1,8 (81 мин)
9	<b>The local and general treatment of gingivitis<sup>1</sup></b> : ulcerative gingivitis (A69.10). The local and general treatment of gingivitis: hypertrophia of papilla gingivalis, gingival enlargement (K06.1) <sup>2</sup> . (Part 1)	2 (90 мин.)

	<b>The local and general treatment of gingivitis<sup>1</sup>:</b> ulcerative gingivitis (A69.10). The local and general treatment of gingivitis: hypertrophia of papilla gingivalis, gingival enlargement (K06.1) <sup>2</sup> . (Part 2)	2 (90 мин.)
	<b>The local and general treatment of gingivitis<sup>1</sup>:</b> ulcerative gingivitis (A69.10). The local and general treatment of gingivitis: hypertrophia of papilla gingivalis, gingival enlargement (K06.1) <sup>2</sup> . (Part 3)	1,8 (81 мин.)
10	<b>The conservative management of periodontitis<sup>1</sup>.</b> The general treatment of periodontitis <sup>2</sup> . (Part 1)	2 (90 мин.)
	<b>The conservative management of periodontitis<sup>1</sup>.</b> The general treatment of periodontitis <sup>2</sup> . (Part 2)	2 (90 мин.)
	<b>The conservative management of periodontitis<sup>1</sup>.</b> The general treatment of periodontitis <sup>2</sup> . (Part 3)	1,8 (81 мин.)
11	<b>The basic methods of periodontosis and gingival recession comprehensive treatment<sup>1</sup>.</b> (Part 1)	2 (90 мин.)
	<b>The basic methods of periodontosis and gingival recession comprehensive treatment<sup>1</sup>.</b> (Part 2)	2 (90 мин.)
	<b>The basic methods of periodontosis and gingival recession comprehensive treatment<sup>1</sup>.</b> (Part 3)	1,8 (81 мин.)
	Total	64 (2880 мин.)

<sup>1</sup> - Subject

<sup>2</sup> - essential content (if necessary)

Considered at the meeting of the department of Therapeutic Dentistry "01" June 2023, protocol No12

Head of the Department of Therapeutic  
Dentistry, DSci, Professor



I.V. Firsova

**Thematic lesson plan of seminars  
in the discipline "Therapeutic dentistry" module «Periodontology»  
for students of the educational program  
of the specialty of training 31.05.03 Dentistry,  
(specialist's level), form of study – resident instruction  
5th-Years Students (Term X), for the 2023-2024 academic year**

№	Thematic blocks	Hours (academic)
1	<b>Conservative (non-surgical) treatment of idiopathic periodontal diseases, tumorous and tumor-like periodontal diseases<sup>1</sup>. (Part 1)</b>	2 (90 min.)
	<b>Correction of Premature Contacts. Occlusal Adjustment. Teeth splinting<sup>1</sup>. Periodontal Treatment Planning, taking into account the involvement of specialists in related specialties<sup>2</sup>. (Part 2)</b>	2 (90 min.)
	<b>Correction of Premature Contacts. Occlusal Adjustment. Teeth splinting<sup>1</sup>. Periodontal Treatment Planning, taking into account the involvement of specialists in related specialties<sup>2</sup>. (Part 3)</b>	1 (45 min.)
	<b>Correction of Premature Contacts. Occlusal Adjustment. Teeth splinting<sup>1</sup>. Periodontal Treatment Planning, taking into account the involvement of specialists in related specialties<sup>2</sup>. (Part 4)</b>	1,7 (77 min.)
2	<b>Closed debridement of periodontal pockets: “Closed Curettage”, “Open Curettage”, gingivotomy, gingivectomy<sup>1</sup>. Indications and contraindications for surgical intervention<sup>2</sup>. (Part 1)</b>	2 (90 min.)
	<b>Closed debridement of periodontal pockets: “Closed Curettage”, “Open Curettage”, gingivotomy, gingivectomy<sup>1</sup>. Indications and contraindications for surgical intervention<sup>2</sup>. (Part 2)</b>	2 (90 min.)
	<b>Closed debridement of periodontal pockets: “Closed Curettage”, “Open Curettage”, gingivotomy, gingivectomy<sup>1</sup>. Indications and contraindications for surgical intervention<sup>2</sup>. (Part 3)</b>	1 (45 min.)
	<b>Closed debridement of periodontal pockets: “Closed Curettage”, “Open Curettage”, gingivotomy, gingivectomy<sup>1</sup>. Indications and contraindications for surgical intervention<sup>2</sup>. (Part 4)</b>	1,7 (77 min.)
3	<b>Classification of Bone Pockets. Classification of Furcation Involvement. Surgical-corrective (open) therapy, Flap surgery<sup>1</sup>. Indications and contraindications for surgical intervention. Periodontal Regeneration Surgery. Guided Tissue Regeneration. Graft Materials and Procedures. Tissue Engineering with Biologic Mediators<sup>2</sup>. (Part 1)</b>	2 (90 min.)
	<b>Classification of Bone Pockets. Classification of Furcation Involvement. Surgical-corrective (open) therapy, Flap surgery<sup>1</sup>. Indications and contraindications for surgical intervention. Periodontal Regeneration Surgery. Guided Tissue Regeneration. Graft Materials and Procedures. Tissue Engineering with Biologic Mediators<sup>2</sup>. (Part 2)</b>	2 (90 min.)
	<b>Classification of Bone Pockets. Classification of Furcation Involvement. Surgical-corrective (open) therapy, Flap surgery<sup>1</sup>. Indications and contraindications for surgical intervention. Periodontal Regeneration Surgery. Guided Tissue Regeneration. Graft Materials and Procedures. Tissue Engineering with Biologic Mediators<sup>2</sup>. (Part 3)</b>	1 (45 min.)
	<b>Classification of Bone Pockets. Classification of Furcation Involvement. Surgical-corrective (open) therapy, Flap surgery<sup>1</sup>. Indications and contraindications for surgical intervention. Periodontal Regeneration Surgery. Guided Tissue Regeneration. Graft Materials and Procedures. Tissue Engineering with Biologic Mediators<sup>2</sup>. (Part 4)</b>	1,7 (76 min.)



4	<b>Periodontal Plastic and Esthetic Surgery</b> <sup>1</sup> . Techniques to Increase Attached Gingiva, Techniques to Deepen the Vestibule, Techniques to Remove the Frenum. Criteria for Selection of Techniques <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Pulpectomy of teeth for periodontal indications. Intercommunication between Pulpal and Periodontal Tissue (Periodontics-Endodontics)</b> <sup>1</sup> . Nonsurgical Therapy and Surgical Therapy for furcation defects. Periodontal indications for tooth extraction <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Pulpectomy of teeth for periodontal indications. Intercommunication between Pulpal and Periodontal Tissue (Periodontics-Endodontics)</b> <sup>1</sup> . Nonsurgical Therapy and Surgical Therapy for furcation defects. Periodontal indications for tooth extraction <sup>2</sup> . (Part 3)	1 (45 min.)
	<b>Pulpectomy of teeth for periodontal indications. Intercommunication between Pulpal and Periodontal Tissue (Periodontics-Endodontics)</b> <sup>1</sup> . Nonsurgical Therapy and Surgical Therapy for furcation defects. Periodontal indications for tooth extraction <sup>2</sup> . (Part 4)	1,7 (76 min.)
5	<b>Physiotherapy methods in periodontology</b> <sup>1</sup> . (Part 1)	2 (90 min.)
	<b>Physiotherapy methods in periodontology</b> <sup>1</sup> . (Part 2)	2 (90 min.)
	<b>Periodontal Treatment Emergencies</b> <sup>1</sup> . Treatment of acute necrotizing ulcerative gingivitis, exacerbation of chronic generalized periodontitis (periodontal abscess, suppuration of periodontal cysts, abscess of periodontium) <sup>2</sup> . (Part 3)	1 (45 min.)
	<b>Periodontal Treatment Emergencies</b> <sup>1</sup> . Treatment of acute necrotizing ulcerative gingivitis, exacerbation of chronic generalized periodontitis (periodontal abscess, suppuration of periodontal cysts, abscess of periodontium) <sup>2</sup> . (Part 4)	1,6 (72 min.)
6	<b>Supportive Periodontal Treatment</b> <sup>1</sup> . Prevention of periodontal disease (periodontal prophylaxis). The patient's oral hygiene. Follow-up Care in Patients with Periodontal Diseases <sup>2</sup> . <b>Dental Office for Periodontal Treatment Facilities</b> <sup>1</sup> . (Part 1)	2 (90 min.)
	<b>Supportive Periodontal Treatment</b> <sup>1</sup> . Prevention of periodontal disease (periodontal prophylaxis). The patient's oral hygiene. Follow-up Care in Patients with Periodontal Diseases <sup>2</sup> . <b>Dental Office for Periodontal Treatment Facilities</b> <sup>1</sup> . (Part 2)	2 (90 min.)
	<b>Supportive Periodontal Treatment</b> <sup>1</sup> . Prevention of periodontal disease (periodontal prophylaxis). The patient's oral hygiene. Follow-up Care in Patients with Periodontal Diseases <sup>2</sup> . <b>Dental Office for Periodontal Treatment Facilities</b> <sup>1</sup> . (Part 3)	1 (45 min.)
	<b>Supportive Periodontal Treatment</b> <sup>1</sup> . Prevention of periodontal disease (periodontal prophylaxis). The patient's oral hygiene. Follow-up Care in Patients with Periodontal Diseases <sup>2</sup> . <b>Dental Office for Periodontal Treatment Facilities</b> <sup>1</sup> . (Part 4)	1,6 (72 min.)
	Total	40

<sup>1</sup> - Subject

<sup>2</sup> - essential content (if necessary)

Considered at the meeting of the department of Therapeutic Dentistry "01" June 2023, protocol No12

Head of the Department of Therapeutic  
Dentistry, DSci, Professor



I.V. Firsova

**Thematic lesson plan of seminars  
in the discipline "Therapeutic dentistry"  
module «Gerontostomatology and diseases of the oral mucosa»  
for students of the educational program  
of the specialty of training 31.05.03 Dentistry,  
(specialist's level), form of study – resident instruction  
5th-Years Students (Term IX), for the 2023-2024 academic year**

№	Thematic blocks	Hours (academic)
1	<b>Anatomical and morphological structure of the oral mucosa</b> <sup>1</sup> (histological structure, blood supply, innervation, physiological features) <sup>2</sup> . <b>Saliva as a biological environment of oral cavity</b> <sup>1</sup> (chemical composition, properties, changes under the influence of various factors). Xerostomia. Sjögren's Syndrome <sup>2</sup> . <b>Biology of oral cavity. Oral microflora</b> <sup>1</sup> (changes in its composition under the influence of various factors, participation in pathological processes of oral cavity) <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Anatomical and morphological structure of the oral mucosa</b> <sup>1</sup> (histological structure, blood supply, innervation, physiological features) <sup>2</sup> . <b>Saliva as a biological environment of oral cavity</b> <sup>1</sup> (chemical composition, properties, changes under the influence of various factors). Xerostomia. Sjögren's Syndrome <sup>2</sup> . <b>Biology of oral cavity. Oral microflora</b> <sup>1</sup> (changes in its composition under the influence of various factors, participation in pathological processes of oral cavity) <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Anatomical and morphological structure of the oral mucosa</b> <sup>1</sup> (histological structure, blood supply, innervation, physiological features) <sup>2</sup> . <b>Saliva as a biological environment of oral cavity</b> <sup>1</sup> (chemical composition, properties, changes under the influence of various factors). Xerostomia. Sjögren's Syndrome <sup>2</sup> . <b>Biology of oral cavity. Oral microflora</b> <sup>1</sup> (changes in its composition under the influence of various factors, participation in pathological processes of oral cavity) <sup>2</sup> . (Part 3)	1,5 (68 min.)
2	<b>Examination technics of a patient with a disease of the oral mucosa</b> <sup>1</sup> . Paperwork. Elements of lesions of the oral mucosa <sup>2</sup> . <b>Classification</b> <sup>1</sup> of diseases of the oral mucosa and the vermillion border (MMSI), ICD-10 <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Examination technics of a patient with a disease of the oral mucosa</b> <sup>1</sup> . Paperwork. Elements of lesions of the oral mucosa <sup>2</sup> . <b>Classification</b> <sup>1</sup> of diseases of the oral mucosa and the vermillion border (MMSI), ICD-10 <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Examination technics of a patient with a disease of the oral mucosa</b> <sup>1</sup> . Paperwork. Elements of lesions of the oral mucosa <sup>2</sup> . <b>Classification</b> <sup>1</sup> of diseases of the oral mucosa and the vermillion border (MMSI), ICD-10 <sup>2</sup> . (Part 3)	1,5 (68 min.)
3	<b>Mechanical, chemical and physical injuries of the oral mucosa</b> <sup>1</sup> . Etiopathogenesis, clinical picture, differential diagnostics, treatment, prevention <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Mechanical, chemical and physical injuries of the oral mucosa</b> <sup>1</sup> . Etiopathogenesis, clinical picture, differential diagnostics, treatment, prevention <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Mechanical, chemical and physical injuries of the oral mucosa</b> <sup>1</sup> . Etiopathogenesis, clinical picture, differential diagnostics, treatment, prevention <sup>2</sup> . (Part 3)	1,5 (68 min.)
4	<b>Leukoplakia</b> <sup>1</sup> . Classification, etiology, pathogenesis, clinical picture, differential diagnosis, treatment, prevention. Screening (clinical examination) <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Leukoplakia</b> <sup>1</sup> . Classification, etiology, pathogenesis, clinical picture, differential diagnosis, treatment, prevention. Screening (clinical examination) <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Leukoplakia</b> <sup>1</sup> . Classification, etiology, pathogenesis, clinical picture, differential diagnosis, treatment, prevention. Screening (clinical examination) <sup>2</sup> . (Part 3)	1,5 (68 min.)
5	<b>Herpetic infection</b> <sup>1</sup> (acute and chronic recurrent herpes, shingles (herpes zoster), epizootic aphtha, coxsackievirus A/herpangina). Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment <sup>2</sup> . <b>HIV infection</b> <sup>1</sup> . Etiology,	2 (90 min.)

	pathogenesis, clinical manifestations in the oral cavity, treatment, prevention <sup>2</sup> . (Part 1)	
	<b>Herpetic infection</b> <sup>1</sup> (acute and chronic recurrent herpes, shingles (herpes zoster), epizootic aphtha, coxsackievirus A/herpangina). Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment <sup>2</sup> . <b>HIV infection</b> <sup>1</sup> . Etiology, pathogenesis, clinical manifestations in the oral cavity, treatment, prevention <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Herpetic infection</b> <sup>1</sup> (acute and chronic recurrent herpes, shingles (herpes zoster), epizootic aphtha, coxsackievirus A/herpangina). Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment <sup>2</sup> . <b>HIV infection</b> <sup>1</sup> . Etiology, pathogenesis, clinical manifestations in the oral cavity, treatment, prevention <sup>2</sup> . (Part 3)	1,5 (67 min.)
6	<b>Fungal lesions of the oral mucosa (candidiasis)</b> <sup>1</sup> . Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Fungal lesions of the oral mucosa (candidiasis)</b> <sup>1</sup> . Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Fungal lesions of the oral mucosa (candidiasis)</b> <sup>1</sup> . Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 3)	1,5 (67 min.)
7	<b>Necrotizing ulcerative gingivostomatitis (Vincent's infection)</b> <sup>1</sup> . Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Necrotizing ulcerative gingivostomatitis (Vincent's infection)</b> <sup>1</sup> . Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Necrotizing ulcerative gingivostomatitis (Vincent's infection)</b> <sup>1</sup> . Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 3)	1,5 (67min.)
8	<b>The manifestation of specific infections (syphilis, tuberculosis) in the oral cavity</b> <sup>1</sup> . Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>The manifestation of specific infections (syphilis, tuberculosis) in the oral cavity</b> <sup>1</sup> . Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>The manifestation of specific infections (syphilis, tuberculosis) in the oral cavity</b> <sup>1</sup> . Etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 3)	1,5 (67 min.)
	Total	44

<sup>1</sup> - Subject

<sup>2</sup> - essential content (if necessary)

Considered at the meeting of the department of Therapeutic Dentistry "01" June 2023, protocol No12

Head of the Department of Therapeutic  
Dentistry, DSci, Professor



I.V. Firsova

**Thematic lesson plan of seminars  
in the discipline "Therapeutic dentistry"  
module «Gerontostomatology and diseases of the oral mucosa»  
for students of the educational program  
of the specialty of training 31.05.03 Dentistry,  
(specialist's level), form of study – resident instruction  
5th-Years Students (Term X), for the 2023-2024 academic year**

№	Thematic blocks	Hours (academic)
1	<b>Angioedema (Quincke disease), allergic mucosal reaction to systemic drug administration, allergic contact stomatitis, hives<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, differential diagnosis, treatment, prevention <sup>2</sup> . <b>Erythema multiforme<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Angioedema (Quincke disease), allergic mucosal reaction to systemic drug administration, allergic contact stomatitis, hives<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, differential diagnosis, treatment, prevention <sup>2</sup> . <b>Erythema multiforme<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Angioedema (Quincke disease), allergic mucosal reaction to systemic drug administration, allergic contact stomatitis, hives<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, differential diagnosis, treatment, prevention <sup>2</sup> . <b>Erythema multiforme<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 3)	2 (90 min.)
2	<b>Recurrent aphthous stomatitis, Behcet disease<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Recurrent aphthous stomatitis, Behcet disease<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Recurrent aphthous stomatitis, Behcet disease<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 3)	2 (90 min.)
3	<b>Oral manifestations in case of drug intoxication (plumbum, mercury, etc.)<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, symptomatic treatment, prevention <sup>2</sup> . <b>Oral manifestations in hematologic disorders<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, diagnostics, differential diagnostics, symptomatic treatment, prevention, clinical examination <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Oral manifestations in case of drug intoxication (plumbum, mercury, etc.)<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, symptomatic treatment, prevention <sup>2</sup> . <b>Oral manifestations in hematologic disorders<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, diagnostics, differential diagnostics, symptomatic treatment, prevention, clinical examination <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Oral manifestations in case of drug intoxication (plumbum, mercury, etc.)<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, symptomatic treatment, prevention <sup>2</sup> . <b>Oral manifestations in hematologic disorders<sup>1</sup>.</b> Etiology, pathogenesis, clinical features, diagnostics, differential diagnostics, symptomatic treatment, prevention, clinical examination <sup>2</sup> . (Part 3)	2 (90 min.)
4	<b>Oral manifestations of systemic diseases<sup>1</sup></b> (gastrointestinal diseases, cardiovascular diseases, endocrine disorders, vitamin deficiencies, metabolic disorders). Clinical features, diagnostics, differential diagnostics, symptomatic treatment, prevention <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Oral manifestations of systemic diseases<sup>1</sup></b> (gastrointestinal diseases, cardiovascular diseases, endocrine disorders, vitamin deficiencies, metabolic	2 (90 min.)

	disorders). Clinical features, diagnostics, differential diagnostics, symptomatic treatment, prevention <sup>2</sup> . (Part 2)	
	<b>Oral manifestations of systemic diseases<sup>1</sup></b> (gastrointestinal diseases, cardiovascular diseases, endocrine disorders, vitamin deficiencies, metabolic disorders). Clinical features, diagnostics, differential diagnostics, symptomatic treatment, prevention <sup>2</sup> . (Part 3)	2 (90 min.)
5	<b>Pemphigus. Pemphigoid. Herpetiform dermatitis or Duhring diseases<sup>1</sup></b> . Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Pemphigus. Pemphigoid. Herpetiform dermatitis or Duhring diseases<sup>1</sup></b> . Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Pemphigus. Pemphigoid. Herpetiform dermatitis or Duhring diseases<sup>1</sup></b> . Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment <sup>2</sup> . (Part 3)	2 (90 min.)
6	<b>Lichen planus, lupus erythematosus<sup>1</sup></b> . Classification. Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Lichen planus, lupus erythematosus<sup>1</sup></b> . Classification. Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Lichen planus, lupus erythematosus<sup>1</sup></b> . Classification. Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment, prevention <sup>2</sup> . (Part 3)	2 (90 min.)
7	<b>Independent diseases of the lips. Exfoliative, glandular cheilitis. Actinic, meteorological, contact cheilitis<sup>1</sup></b> . Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Symptomatic cheilitis. Atopic, eczematous cheilitis<sup>1</sup></b> . Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Melkersson-Rosenthal syndrome<sup>1</sup></b> . Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment <sup>2</sup> . (Part 3)	2 (90 min.)
8	<b>Abnormalities and diseases of the tongue<sup>1</sup></b> . Fissured tongue, rhomboid glossitis, desquamative glossitis (geographic tongue, erythema migrans). Hairy (black) tongue. Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Abnormalities and diseases of the tongue<sup>1</sup></b> . Fissured tongue, rhomboid glossitis, desquamative glossitis (geographic tongue, erythema migrans). Hairy (black) tongue. Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Abnormalities and diseases of the tongue<sup>1</sup></b> . Fissured tongue, rhomboid glossitis, desquamative glossitis (geographic tongue, erythema migrans). Hairy (black) tongue. Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment <sup>2</sup> . (Part 3)	2 (90 min.)
9	<b>Stomalgia, glossalgia (burning mouth disorder; stomatodynia, glossodynia)<sup>1</sup></b> . Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Stomalgia, glossalgia (burning mouth disorder; stomatodynia, glossodynia)<sup>1</sup></b> . Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Stomalgia, glossalgia (burning mouth disorder; stomatodynia, glossodynia)<sup>1</sup></b> . Etiology, pathogenesis, clinical features, diagnosis, differential diagnosis, treatment <sup>2</sup> . (Part 3)	2 (90 min.)
10	<b>Classification of precancerous lesions of the oral mucosa and the lip vermilion. Precancerous diseases of the lip vermilion<sup>1</sup></b> . Abrasive pre-cancerous Manganotti cheilitis, chronic recurrent lip cracks, verrucous precancer cheilitis, limited	2 (90 min.)

	precancerous hyperkeratosis of the lip vermilion, cutaneous horn, keratoacanthoma. Clinical features, basic principles of diagnosis, differential diagnosis, treatment, prevention, clinical examination of patients <sup>2</sup> . (Part 1)	
	<b>Classification of precancerous lesions of the oral mucosa and the lip vermilion. Precancerous diseases of the lip vermilion<sup>1</sup>.</b> Abrasive pre-cancerous Manganotti cheilitis, chronic recurrent lip cracks, verrucous precancer cheilitis, limited precancerous hyperkeratosis of the lip vermilion, cutaneous horn, keratoacanthoma. Clinical features, basic principles of diagnosis, differential diagnosis, treatment, prevention, clinical examination of patients <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Classification of precancerous lesions of the oral mucosa and the lip vermilion. Precancerous diseases of the lip vermilion<sup>1</sup>.</b> Abrasive pre-cancerous Manganotti cheilitis, chronic recurrent lip cracks, verrucous precancer cheilitis, limited precancerous hyperkeratosis of the lip vermilion, cutaneous horn, keratoacanthoma. Clinical features, basic principles of diagnosis, differential diagnosis, treatment, prevention, clinical examination of patients <sup>2</sup> . (Part 3)	2 (90 min.)
11	<b>Precancerous lesions of the oral mucosa<sup>1</sup>.</b> Bowen's disease. Clinical features, basic principles of diagnosis, differential diagnosis, prevention, treatment, clinical examination of patients <sup>2</sup> . <b>Differential diagnosis of diseases of the oral mucosa. Prevention. Clinical examination<sup>1</sup>.</b> Errors and complications in the diagnosis and treatment of diseases of the oral mucosa. Prevention. Clinical examination <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Precancerous lesions of the oral mucosa<sup>1</sup>.</b> Bowen's disease. Clinical features, basic principles of diagnosis, differential diagnosis, prevention, treatment, clinical examination of patients <sup>2</sup> . <b>Differential diagnosis of diseases of the oral mucosa. Prevention. Clinical examination<sup>1</sup>.</b> Errors and complications in the diagnosis and treatment of diseases of the oral mucosa. Prevention. Clinical examination <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Precancerous lesions of the oral mucosa<sup>1</sup>.</b> Bowen's disease. Clinical features, basic principles of diagnosis, differential diagnosis, prevention, treatment, clinical examination of patients <sup>2</sup> . <b>Differential diagnosis of diseases of the oral mucosa. Prevention. Clinical examination<sup>1</sup>.</b> Errors and complications in the diagnosis and treatment of diseases of the oral mucosa. Prevention. Clinical examination <sup>2</sup> . (Part 3)	2 (90 min.)
12	<b>Age features of the oral cavity organs (hard tissues of teeth, periodontal tissue and oral mucosa) in elderly and senile people in normal and pathological conditions<sup>1</sup>.</b> Diagnostic methods, features of treatment of diseases of hard tissues of teeth, periodontal and oral mucosa in the elderly. Prevention <sup>2</sup> . (Part 1)	2 (90 min.)
	<b>Age features of the oral cavity organs (hard tissues of teeth, periodontal tissue and oral mucosa) in elderly and senile people in normal and pathological conditions<sup>1</sup>.</b> Diagnostic methods, features of treatment of diseases of hard tissues of teeth, periodontal and oral mucosa in the elderly. Prevention <sup>2</sup> . (Part 2)	2 (90 min.)
	<b>Age features of the oral cavity organs (hard tissues of teeth, periodontal tissue and oral mucosa) in elderly and senile people in normal and pathological conditions<sup>1</sup>.</b> Diagnostic methods, features of treatment of diseases of hard tissues of teeth, periodontal and oral mucosa in the elderly. Prevention <sup>2</sup> . (Part 3)	2 (90 min.)
	<b>Age features of the oral cavity organs (hard tissues of teeth, periodontal tissue and oral mucosa) in elderly and senile people in normal and pathological conditions<sup>1</sup>.</b> Diagnostic methods, features of treatment of diseases of hard tissues of teeth, periodontal and oral mucosa in the elderly. Prevention <sup>2</sup> . (Part 4)	1 (45 min.)
13	<b>Management of endodontic emergencies in outpatient dental practice<sup>1</sup>.</b> (Part 1)	2 (90 min.)
	<b>Management of endodontic emergencies in outpatient dental practice<sup>1</sup>.</b> (Part 2)	1 (45 min.)

	<b>Intermediate certification (the credit with mark) (Part 3)</b>	2 (90 min.)
	<b>Intermediate certification (the credit with mark) (Part 4)</b>	2 (90 min.)
	<b>Total</b>	<b>80</b>

<sup>1</sup> - Subject

<sup>2</sup> - essential content (if necessary)

Considered at the meeting of the department of Therapeutic Dentistry "01" June 2023, protocol No12

Head of the Department of Therapeutic  
Dentistry, DSci, Professor



I.V. Firsova