

**Thematic plan of seminars
in the discipline "Therapeutic Dentistry"
for students of the 2021 year of admission in the educational program 31.05.03 Dentistry,
in the specialty of training, form of study – resident instruction
4nd-Years Students (Term VII, VIII), for the 2024-2025 academic year**

№	Thematic blocks	Hours (academic)
Term VII		
1	Structure and Functions of the Dentin-Pulp Complex ¹ . Etiologic Factors in Pulp Disease, Pathogenesis of pulpitis. Classification of Pulp Disease ² . (Part 1)	2 (90 мин.)
	Structure and Functions of the Dentin-Pulp Complex ¹ . Etiologic Factors in Pulp Disease, Pathogenesis of pulpitis. Classification of Pulp Disease ² . (Part 2)	2 (90 мин.)
	Structure and Functions of the Dentin-Pulp Complex ¹ . Etiologic Factors in Pulp Disease, Pathogenesis of pulpitis. Classification of Pulp Disease ² . (Part 3)	1,62 (73 мин.)
2	Acute Pulpitis ¹ . Histologic changes, clinical features, diagnosis, differential diagnosis of Acute Pulpitis ² . (Part 1)	2 (90 мин.)
	Acute Pulpitis ¹ . Histologic changes, clinical features, diagnosis, differential diagnosis of Acute Pulpitis ² . (Part 2)	2 (90 мин.)
	Acute Pulpitis ¹ . Histologic changes, clinical features, diagnosis, differential diagnosis of Acute Pulpitis ² . (Part 3)	1,62 (73 мин.)
3	Chronic Pulpitis ¹ . Histologic changes, clinical features, diagnosis, differential diagnosis of Chronic Pulpitis ² . (Part 1)	2 (90 мин.)
	Chronic Pulpitis ¹ . Histologic changes, clinical features, diagnosis, differential diagnosis of Chronic Pulpitis ² . (Part 2)	2 (90 мин.)
	Chronic Pulpitis ¹ . Histologic changes, clinical features, diagnosis, differential diagnosis of Chronic Pulpitis ² . (Part 3)	1,62 (73 мин.)
4	Exacerbation of Chronic Pulpitis ¹ . Histologic changes, clinical features, diagnosis, differential diagnosis ² . (Part 1)	2 (90 мин.)
	Exacerbation of Chronic Pulpitis ¹ . Histologic changes, clinical features, diagnosis, differential diagnosis ² . (Part 2)	2 (90 мин.)
	Exacerbation of Chronic Pulpitis ¹ . Histologic changes, clinical features, diagnosis, differential diagnosis ² . (Part 3)	1,62 (73 мин.)
5	Classification treatment techniques of pulpitis ¹ . Vital Pulp Therapy. Pulp Capping, Pulpotomy. Indications and contraindications. Methods follow-up after vital Pulp Therapy ² . (Part 1)	2 (90 мин.)
	Classification treatment techniques of pulpitis ¹ . Vital Pulp Therapy. Pulp Capping, Pulpotomy. Indications and contraindications. Methods follow-up after vital Pulp Therapy ² . (Part 2)	2 (90 мин.)
	Classification treatment techniques of pulpitis ¹ . Vital Pulp Therapy. Pulp Capping, Pulpotomy. Indications and contraindications. Methods follow-up after vital Pulp Therapy ² . (Part 3)	1,62 (73 мин.)
6	Pulpectomy (extirpation) ¹ . Indications and contraindications. Methods follow-up after vital Pulp Therapy ² . (Part 1)	2 (90 мин.)
	Pulpectomy (extirpation) ¹ . Indications and contraindications. Methods follow-up after vital Pulp Therapy ² . (Part 2)	2 (90 мин.)
	Pulpectomy (extirpation) ¹ . Indications and contraindications. Methods follow-up after vital Pulp Therapy ² . (Part 3)	1,62 (73 мин.)
7	Devital Pulp Pulpotomy (amputation) and Combined technique ¹ . Indications and contraindications. Techniques ² . (Part 1)	2 (90 мин.)

	Devital Pulp Pulpotomy (amputation) and Combined technique¹. Indications and contraindications. Techniques ² . (Part 2)	2 (90 мин.)
	Devital Pulp Pulpotomy (amputation) and Combined technique¹. Indications and contraindications. Techniques ² . (Part 3)	1,62 (73 мин.)
8	Anatimico-physiological characteristics of periodontium¹. Function of periodontium ² . (Part 1)	2 (90 мин.)
	Etiology and pathogenesis of inflammation in periapical tissues¹. Classification of apical periodontitis ² . (Part 2)	2 (90 мин.)
	Acute apical periodontitis¹. Histological changes, clinical sings, diagnosis, differential diagnosis ² . (Part 3)	1,62 (73 мин.)
9	Chronic apical periodontitis¹. Histological changes, clinical sings, diagnosis, differential diagnosis ² . (Part 1)	2 (90 мин.)
	Chronic apical periodontitis¹. Histological changes, clinical sings, diagnosis, differential diagnosis ² . (Part 2)	2 (90 мин.)
	Exacerbation of chronic apical periodontitis¹. Histological changes, clinical sings, diagnosis, differential diagnosis ² . (Part 3)	1,62 (73 мин.)
10	Treatment of apical periodontitis¹. The purposes, aims, methods of treatment. Indications and contrindications for conservative (nonsurgical) therapy. Treatment of acute apical periodontitis. The assessment of treatment effectiveness. Long-term results and prognosis for the disease ² . (Part 1)	2 (90 мин.)
	Treatment of apical periodontitis¹. The purposes, aims, methods of treatment. Indications and contrindications for conservative (nonsurgical) therapy. Treatment of acute apical periodontitis. The assessment of treatment effectiveness. Long-term results and prognosis for the disease ² . (Part 2)	2 (90 мин.)
	Treatment of apical periodontitis¹. The purposes, aims, methods of treatment. Indications and contrindications for conservative (nonsurgical) therapy. Treatment of acute apical periodontitis. The assessment of treatment effectiveness. Long-term results and prognosis for the disease ² . (Part 3)	1,62 (73 мин.)
11	Treatment of apical periodontitis in the teeth with well passed root canals¹. Singl-visit therapy of apical periodontitis. Indications and contraindications. The assessment of treatment effectiveness. Long-term results and prognosis for the disease ² . (Part 1)	2 (90 мин.)
	Treatment of apical periodontitis in the teeth with well passed root canals¹. Singl-visit therapy of apical periodontitis. Indications and contraindications. The assessment of treatment effectiveness. Long-term results and prognosis for the disease ² . (Part 2)	2 (90 мин.)
	Treatment of apical periodontitis in the teeth with well passed root canals¹. Singl-visit therapy of apical periodontitis. Indications and contraindications. The assessment of treatment effectiveness. Long-term results and prognosis for the disease ² . (Part 3)	1,62 (73 мин.)
12	Treatment of apical periodontitis in the teeth with bad passed root canals¹. The assessment of treatment effectiveness. Long-term results and prognosis for the disease ² . (Part 1)	2 (90 мин.)
	Treatment of apical periodontitis in the teeth with bad passed root canals¹. The assessment of treatment effectiveness. Long-term results and prognosis for the disease ² . (Part 2)	2 (90 мин.)
	Treatment of apical periodontitis in the teeth with bad passed root canals¹. The assessment of treatment effectiveness. Long-term results and prognosis for the disease ² . (Part 3)	1,62 (73 мин.)
13	Treatment of exacerbation of chronic periodontitis¹. The assessment of treatment effectiveness. Long-term results and prognosis for the disease ² . (Part 1)	2 (90 мин.)

	Treatment of exacerbation of chronic periodontitis¹. The assessment of treatment effectiveness. Long-term results and prognosis for the disease ² . (Part 2)	2 (90 мин.)
	Treatment of exacerbation of chronic periodontitis¹. The assessment of treatment effectiveness. Long-term results and prognosis for the disease ² . (Part 3)	1,62 (73 мин.)
14	Morphology of teeth and their root canal systems¹. (Part 1)	2 (90 мин.)
	Morphology of teeth and their root canal systems¹. (Part 2)	2 (90 мин.)
	Endodontic instruments and devices¹ (electronic apex locator, endodontic electric motors, surgical operating microscope, lasers in endodontics) ² . (Part 3)	1,62 (73 мин.)
15	The main steps of endodontic treatment¹. Working length determination. Preparation of coronal and radicular spaces (cleaning and shaping the root canal system) ² . (Part 1)	2 (90 мин.)
	The main steps of endodontic treatment¹. Working length determination. Preparation of coronal and radicular spaces (cleaning and shaping the root canal system) ² . (Part 2)	2 (90 мин.)
	The main steps of endodontic treatment¹. Working length determination. Preparation of coronal and radicular spaces (cleaning and shaping the root canal system) ² . (Part 3)	1,62 (73 мин.)
16	Disinfection of the root canal system¹. Irrigants. Intracanal medication ² . (Part 1)	2 (90 мин.)
	Obturation of the cleaned and shaped root canal system¹. Root canal filling materials. Methods of obturation of the radicular space ² . (Part 2)	2 (90 мин.)
	Mishaps of treatment techniques¹ of pulpitis and periodontitis, detection, correction and prevention ² . Endodontic retreatment¹. (Part 3)	1,66 (75 мин.)
Term VIII		
1	Anatomical and physiological features of the “parodontal complex” (periodontal tissues) ¹ . (Part 1)	2
	Research methods in clinical periodontology¹. The basic examination methods ² . (Part 2)	2
	Research methods in clinical periodontology¹. The basic examination methods ² . (Part 3)	2
2	Additional research methods in clinical periodontology. The plan and special aspects of filling out the clinical chart in periodontology¹. Medical record and notes of periodontal disease ² . (Part 1)	2
	Classification of periodontal diseases¹. The role of external and internal factors in etiopathogenesis of periodontal diseases ² . (Part 2)	2
	Classification of periodontal diseases¹. The role of external and internal factors in etiopathogenesis of periodontal diseases ² . (Part 3)	2
3	Gingivitis. Acute gingivitis (K05.0). Chronic gingivitis (K05.1). Ulcerative gingivitis (A69.10). Hypertrophia of papilla gingivalis, gingival enlargement (K06.1)¹. Etiology and pathogenesis. The role of local and general factors in etiology of gingivitis. Prevalence rate, clinical findings, diagnosis, differential diagnostics ² . (Part 1)	2
	Gingivitis. Acute gingivitis (K05.0). Chronic gingivitis (K05.1). Ulcerative gingivitis (A69.10). Hypertrophia of papilla gingivalis, gingival enlargement (K06.1)¹. Etiology and pathogenesis. The role of local and general factors in etiology of gingivitis. Prevalence rate, clinical findings, diagnosis, differential diagnostics ² . (Part 2)	2
	Gingivitis. Acute gingivitis (K05.0). Chronic gingivitis (K05.1). Ulcerative gingivitis (A69.10). Hypertrophia of papilla gingivalis, gingival enlargement	2

	(K06.1) ¹ . Etiology and pathogenesis. The role of local and general factors in etiology of gingivitis. Prevalence rate, clinical findings, diagnosis, differential diagnostics ² . (Part 3)	
4	Periodontitis (K05.2, K05.3) ¹ . Etiology and pathogenesis. Pathoanatomy, clinical findings, diagnosis, differential diagnostics ² . (Part 1)	2
	Periodontitis (K05.2, K05.3) ¹ . Etiology and pathogenesis. Pathoanatomy, clinical findings, diagnosis, differential diagnostics ² . (Part 2)	2
	Periodontitis (K05.2, K05.3) ¹ . Etiology and pathogenesis. Pathoanatomy, clinical findings, diagnosis, differential diagnostics ² . (Part 3)	2
5	Periodontosis (K05.4) ¹ , prevalence rate. Etiology and pathogenesis. Pathoanatomy, clinical findings, diagnosis, differential diagnostics ² . (Part 1)	2
	Periodontosis (K05.4) ¹ , prevalence rate. Etiology and pathogenesis. Pathoanatomy, clinical findings, diagnosis, differential diagnostics ² . (Part 2)	2
	Periodontosis (K05.4) ¹ , prevalence rate. Etiology and pathogenesis. Pathoanatomy, clinical findings, diagnosis, differential diagnostics ² . (Part 3)	2
6	Gingival recession (K06.0) ¹ . The role of local and general factors in etiopathogenesis of gingival recession. Classification. Clinical findings, diagnosis, differential diagnostics ² . Other periodontal diseases (idiopathic diseases, tumorous and tumor-like periodontal diseases (K05.5)) ¹ . Clinical features, diagnosis methods, differential diagnostics ² . (Part 1)	2
	Gingival recession (K06.0) ¹ . The role of local and general factors in etiopathogenesis of gingival recession. Classification. Clinical findings, diagnosis, differential diagnostics ² . Other periodontal diseases (idiopathic diseases, tumorous and tumor-like periodontal diseases (K05.5)) ¹ . Clinical features, diagnosis methods, differential diagnostics ² . (Part 2)	2
	Gingival recession (K06.0) ¹ . The role of local and general factors in etiopathogenesis of gingival recession. Classification. Clinical findings, diagnosis, differential diagnostics ² . Other periodontal diseases (idiopathic diseases, tumorous and tumor-like periodontal diseases (K05.5)) ¹ . Clinical features, diagnosis methods, differential diagnostics ² . (Part 3)	2
7	The treatment principles in clinical periodontology. Treatment planning of periodontal diseases. The necessity of specialized doctors involvement (the principle of collegiality in management of patient with periodontal disease) ¹ . The usage of therapeutic, prosthetic, orthodontic and physiotherapeutic methods in comprehensive treatment of periodontal diseases. The plan of clinical chart in periodontology ² . (Part 1)	2
	The treatment principles in clinical periodontology. Treatment planning of periodontal diseases. The necessity of specialized doctors involvement (the principle of collegiality in management of patient with periodontal disease) ¹ . The usage of therapeutic, prosthetic, orthodontic and physiotherapeutic methods in comprehensive treatment of periodontal diseases. The plan of clinical chart in periodontology ² . (Part 2)	2
	The up-date techniques of supragingival and subgingival deposits removal ¹ . The methodology of working with the help of dental manual instruments. Instruments in clinical periodontology. Ultrasonic scalers for dental deposits removal ² . (Part 3)	2
8	The local and general treatment of gingivitis: acute gingivitis (K05.0) and chronic gingivitis (K05.1) ¹ . 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, photo-dynamic therapy) ² . (Part 1)	2

	The local and general treatment of gingivitis: acute gingivitis (K05.0) and chronic gingivitis (K05.1)¹. 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, photo-dynamic therapy) ² . (Part 2)	2
	The local and general treatment of gingivitis: acute gingivitis (K05.0) and chronic gingivitis (K05.1)¹. 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, photo-dynamic therapy) ² . (Part 3)	2
9	The local and general treatment of gingivitis¹: ulcerative gingivitis (A69.10). The local and general treatment of gingivitis: hypertrophia of papilla gingivalis, gingival enlargement (K06.1) ² . (Part 1)	2
	The local and general treatment of gingivitis¹: ulcerative gingivitis (A69.10). The local and general treatment of gingivitis: hypertrophia of papilla gingivalis, gingival enlargement (K06.1) ² . (Part 2)	2
	The local and general treatment of gingivitis¹: ulcerative gingivitis (A69.10). The local and general treatment of gingivitis: hypertrophia of papilla gingivalis, gingival enlargement (K06.1) ² . (Part 3)	2
10	The conservative management of periodontitis¹. The general treatment of periodontitis ² . (Part 1)	2
	The conservative management of periodontitis¹. The general treatment of periodontitis ² . (Part 2)	2
	The conservative management of periodontitis¹. The general treatment of periodontitis ² . (Part 3)	2
11	The basic methods of periodontosis and gingival recession comprehensive treatment¹. (Part 1)	2
	The basic methods of periodontosis and gingival recession comprehensive treatment¹. (Part 2)	2
	Conservative (non-surgical) treatment of idiopathic periodontal diseases, tumorous and tumor-like periodontal diseases¹. (Part 2)	2
12	Correction of Premature Contacts. Occlusal Adjustment. Teeth splinting¹. (Part 1)	2
	Correction of Premature Contacts. Occlusal Adjustment. Teeth splinting¹. (Part 2)	2
	Correction of Premature Contacts. Occlusal Adjustment. Teeth splinting¹. (Part 3)	2
13	Closed debridement of periodontal pockets: “Closed Curettage”, “Open Curettage”, gingivotomy, gingivectomy¹. Indications and contraindications for surgical intervention ² . (Part 1)	2
	Classification of Bone Pockets. Classification of Furcation Involvement. Surgical-corrective (open) therapy, Flap surgery¹. Indications and contraindications for surgical intervention. Periodontal Regeneration Surgery. Guided Tissue Regeneration. Graft Materials and Procedures. Tissue Engineering with Biologic Mediators ² . (Part 2)	2
	Pulpectomy of teeth for periodontal indications¹. Periodontal indications for tooth extraction ² . (Part 3)	2
14	Physiotherapy methods in periodontology¹. The role of physiotherapy in treatment of periodontal diseases ² . (Part 1)	2

	Physiotherapy methods in periodontology¹. The role of physiotherapy in treatment of periodontal diseases ² . (Part 2)	2
	Physiotherapy methods in periodontology¹. The role of physiotherapy in treatment of periodontal diseases ² . (Part 3)	2
15	Supportive Periodontal Treatment¹. Prevention of periodontal disease (periodontal prophylaxis). The patient's oral hygiene. Follow-up Care in Patients with Periodontal Diseases ² . Dental Office for Periodontal Treatment Facilities¹. (Part 1)	2
	Supportive Periodontal Treatment¹. Prevention of periodontal disease (periodontal prophylaxis). The patient's oral hygiene. Follow-up Care in Patients with Periodontal Diseases ² . Dental Office for Periodontal Treatment Facilities¹. (Part 2)	2
	Supportive Periodontal Treatment¹. Prevention of periodontal disease (periodontal prophylaxis). The patient's oral hygiene. Follow-up Care in Patients with Periodontal Diseases ² . Dental Office for Periodontal Treatment Facilities¹. (Part 3)	2
	Total	180

¹ - Subject

² - essential content (if necessary)

Considered at the meeting of the department of Therapeutic Dentistry "06" June 2024, protocol No12

Head of the Department of Therapeutic

Dentistry, DSci, Professor



I.V. Firsova