

**Thematic lesson plan of lectures
in the discipline "Therapeutic dentistry"
for students of the educational program specialist degree
in the specialty of training 31.05.03 Dentistry,
direction (profile) Dentistry, form of study – resident instruction
4th-Years Students (Term VII), for the 2023-2024 academic year**

№	Topics of lectures	Hours (academic)
1	Structure and Functions of the Dentin-Pulp Complex. Etiologic Factors in Pulp Disease, Pathogenesis of pulpitis. Classification of Pulp Disease.	2
2	Clinical features, Diagnose, Differential Diagnosis of Pulpitis. Classification treatment techniques of pulpitis. Vital Pulp Therapy.	2
3	Pulpectomy (extirpation). Vital Pulpectomy (extirpation), Devital Pulp Pulpectomy (extirpation).	2
4	Devital Pulp Pulpotomy (amputation) and Combined technique. Mishaps of treatment techniques of pulpitis, detection, correction and prevention.	2
5	Anatomico-physiological Characteristics of Periodontium. Etiology and Pathogenesis of Inflammation in Periapical Tissues. Classification of Apical Periodontitis.	2
6	Acute Apical Periodontitis. Chronic Apical Periodontitis. Exacerbation of Chronic Periodontitis. Histological Changes, Clinical Signs, Diagnosis, Differential Diagnosis.	2
7	The Treatment of Apical Periodontitis. Mishaps and Complications During the Diagnosis and Treatment of Apical Periodontitis. The Assessment of Treatment Effectiveness. Case Follow-up and Aftertreatment Strategy in Patients with Periapical Lesion.	2
8	Anatomy of Pulp Cavity and Root Canals. Endodontic Instruments.	2
9	Working length determination. Preparation of coronal and radicular spaces (cleaning and shaping the root canal system) Disinfection of the root canal system. Irrigants. Decalcifying Agents. Intracanal medications.	2
10	Intracanal medications. Clinical Protocol. Root canal filling materials. Methods of obturation of the radicular space. The main steps of endodontic treatment.	2
	Total	20

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

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№	Topics of lectures	Hours (academic)
1	The idea of parodontal complex, it`s general mechanisms (physiology), biomechanics of parodontium. Examination of patients with periodontal diseases. Examinatoin plan of patients with periodontal diseases.	2
2	Classification and etiopathogenesis of periodontal diseases. Gingivitis, periodontitis: prevalence rate, pathoanatomy, clinical findings, diagnosis, differential diagnostics.	2
3	Periodontosis (periodontal atrophy): prevalence rate, etiopathogenesis, pathoanatomy, clinical findings, diagnosis, differential diagnostics. Gingival recession: classification. The role of local and general factors in etiopathogenesis of gingival recession. Clinical findings of gingival recession, diagnosis, differential diagnostics. Other periodontal diseases (idiopathic diseases, tumorous and tumor-like periodontal diseases). Clinical features, diagnosis methods, differential diagnostics.	2
4	Treatment planning of periodontal diseases. The up-date techniques of scaling care (removal of dental deposit and calculus).	2
5	Conservative (Non-surgical) Treatment of Inflammatory Periodontal Diseases. Local (Topical) and Systemic Therapy. Conservative (Non-surgical) Treatment of Parodontosis and Generalized Gingival recession. Local (Topical) and Systemic Therapy.	2
6	Methods of Periodontal Pocket Debridement. Tooth-saving Operative technique.	2
7	Physiotherapy methods in Periodontology.	2
8	Periodontal Treatment Emergencies. Follow-up Care in Patients with Periodontal Diseases. Dental Office for Periodontal Treatment Facilities.	2
9	The structure of the oral mucosa and its functions. Saliva, its composition and properties. Examination of a patient with diseases of the oral mucosa. Classification of diseases of the oral mucosa and the vermillion border (MMSI), ICD-10.	2
10	Mechanical, chemical and physical injury to the oral mucosa. Etiology, clinic, differential diagnosis, treatment. Leukoplakia, classification, etiology, clinic, differential diagnosis, treatment.	2
	Total	20

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