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Federal State Autonomous Educational Institution of Higher Education

PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA

RUDN University

Medical Institute

educational division (faculty/institute/academy) as higher education program
developer

COURSE SYLLABUS

PERIODONTOLOGY

course title

Recommended by the Didactic Council for the Education Field of:

31.05.03 Dentistry

field of studies / speciality code and title

**The course instruction is implemented within the professional education
programme of higher education:**

Specialty

higher education programme profile/specialisation title

1. THE GOALS OF MASTERING THE DISCIPLINE

The goal of mastering the educational discipline "Periodontology" is to train a dentist who is able to provide outpatient dental therapeutic care to patients with periodontal diseases, and a set of measures aimed at preventing this disease. *The objectives of the discipline are:*

- mastering the diagnostic methods used in the examination of patients with periodontal diseases;
- the formation of theoretical and practical skills for the treatment of patients with periodontal diseases in an outpatient clinic;
- mastering the indications for therapeutic and surgical treatment of patients with inflammatory periodontal diseases;
- mastering the identification, elimination and prevention of possible complications during treatment;
- teaching students how to draw up medical documentation (medical records of an inpatient or outpatient patient, a certificate of incapacity for work, a statistical coupon, etc.);
- familiarizing students with the principles of organization and operation of the periodontal office, periodontal department of the consultative center;
- developing skills in studying scientific literature and official statistical reviews;
- developing skills in studying scientific literature and official statistical reviews;
- the formation of communication skills with the patient, taking into account ethics and deontology, depending on the revealed pathology and characterological characteristics of the patients;
- the formation of the student's communication skills with the team.

2. REQUIREMENTS to LEARNING OUTCOMES

The mastering of the discipline «**Periodontology**» is aimed at the formation of the following competencies of students:

General Professional Competences (GPC)- 2, 5, 6

Professional Competences (PC) – 1,2

(in accordance with the Federal State Educational Standard of Higher Education (FSES) 3++ 31.05.03 Dentistry).

Table 2.1. The list of competencies formed by students during the development of the discipline (results of the mastering of the discipline)

Competences	Competence name	General Professional Competence Achievement Indicator
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<p>General Professional Competence</p> <p>GPC – 2 (2.1; 2.2),</p> <p>GPC –5 (5.1,5.2,5.3, 5.4,5.5, 5.9)</p>	<p>Being able to analyse the results of their own professional activity to prevent professional errors</p> <p>Being able to examine patients to determine a diagnosis when solving professional tasks</p>	<p>GPC-2.1. Analysing the causes of professional errors, therapeutic failures and conflict situations;</p> <p>GPC-2.2. Providing scientific arguments for and implementing recommendations aimed at improving the medical and legal training of dentists, preventing professional errors, adverse outcomes and conflict situations.</p> <p>GPC-5.1. Gathering anamnesis by analysing the patient’s complaints, making a physical examination at a dental appointment.</p> <p>GPC-5.2. Formulating a preliminary diagnosis and drawing up a plan for laboratory and instrumental examinations of a dental patient</p> <p>GPC-5.3. Compiling medical documentation for a dental patient in accordance with regulatory requirements</p> <p>GPC-5.4. Referring a patient to a laboratory examination in case there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of dental care.</p> <p>GPC-5.5. Referring a patient to an instrumental examination in case there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of dental care taking into account the standards.</p> <p>GPC-5.9. Making a diagnosis based on the current international statistical classification of diseases and health problems.</p>
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<p>GPC –6 (6.1,6.2)</p>	<p>Being able to prescribe non-drug and drug treatment, monitor its efficacy and safety when solving professional tasks</p>	<p>GPC-6.1. Developing a plan for dental disease treatment taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the medical care standards.</p> <p>GPC-6.2. Selecting medical products (including dental materials) for drawing up a comprehensive plan for dental disease treatment. Following up the treatment of a patient</p> <p>.</p>
<p>Professional Competence PC-1 (1.1,1.2,1.3)</p>	<p>Being able to make an examination of a patient in order to determine a diagnosis.</p>	<p>PC-1.1. Making an initial examination and/or reexamination of a patient in order to make a preliminary diagnosis.</p> <p>PC-1.2. Receiving information from patients (their relatives/legal representatives); conducting a questionnaire survey of patients regarding their general health status; identifying concomitant diseases in order to make a preliminary diagnosis.</p> <p>PC-1.3. Detecting if patients have dentoalveolar, facial anomalies, deformities and prerequisites for their development, defects in the crowns of teeth and dentition on the basis of the patient examination; laboratory, instrumental, and additional examinations in order to make a preliminary/final diagnosis.</p>
<p>PC –2 (2.1,2.2, 2.3, 2.4, 2.5)</p>	<p>Being able to prescribe, monitor the efficacy and safety of non-drug and drug treatment</p>	<p>PC-2.1. Organizing the provision of emergency and urgent medical care for acute dental diseases, conditions, exacerbation of chronic diseases, which pose a threat to the patient’s life, or without obvious signs of a threat to the patient’s life.</p> <p>PC-2.2. Selecting drugs and medical devices (including dental materials) for</p>

		<p>dental disease treatment assessing the possible side effects of taking medicinal drugs</p> <p>PC-2.3. Consulting patients on methods for treating dental diseases drawing up a comprehensive treatment plan which justifies the most appropriate tactics and assesses possible complications caused by using this technique.</p> <p>PC-2.4. Selecting the type of local anesthesia/anesthesia and assessing the possible complications caused by using it.</p> <p>PC-2.5. Conducting a specialized appointment for adults and/or children, monitoring the course of treatment of caries, non-carious dental diseases, pulpitis, periodontal disease, periodontitis, jawbone tissue, peripheral nervous system of the maxillofacial area, temporomandibular joint, salivary glands, diseases of the mucous tunic of mouth, with the exception of precancers, using modern treatment methods approved for use in medical practice</p>
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3. THE COURSE IN THE HIGHER EDUCATION PROGRAMME STRUCTURE

The course «**Periodontology**» refers to the Compulsory Disciplines of block B1 of the Higher Education Program Curriculum.

Within the framework of the Educational Program, students also master other disciplines and/or practices that contribute to expected learning outcomes of the course «Periodontology».

Table 3.1. List of Higher Education Program disciplines that contribute to expected learning outcomes

№	Code and name of competence	Previous disciplines	Subsequent disciplines (groups of disciplines)
General professional competences			
GPC-2.1	Being able to analyse the results of their own professional activity to prevent professional errors therapeutic failures and conflict situations;	Bioethics Local anesthesia and anesthesiology in dentistry	Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Oral surgery Oral and Maxillofacial Surgery Head and Neck Diseases Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Implantology and reconstructive surgery of the oral cavity

			<p>Modern Endodontics Aesthetic Restoration Observing and Assisting a Dentist (Operative Dentistry and Endodontics) Observing and Assisting a Dentist (Prosthodontics) Observing and Assisting a Dentist (Pediatric) Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)</p>
GPC-2.2	<p>Providing scientific arguments for and implementing recommendations aimed at improving the medical and legal training of dentists, preventing professional errors, adverse outcomes and conflict situations.</p>	<p>Bioethics Local anesthesia and anesthesiology in dentistry</p>	<p>Endodontics Head and Neck Diseases Gerontostomatology and diseases of the oral mucosa Periodontics Oral surgery Maxillofacial and Orthognathic Surgery Orthodontics and Pediatric Prosthodontics Pediatric Dentistry Implantology and reconstructive surgery of the oral cavity Modern Endodontics Observing and Assisting a Dentist (Prosthodontics) Observing and Assisting a Dentist (Pediatric) Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)</p>
GPC-5.1.	<p>Gathering anamnesis by analysing the patient's complaints, making a physical examination at a dental appointment.</p>	<p>Local anesthesia and anesthesiology in dentistry</p>	<p>Internal Medicine General Surgery Surgical Diseases Dermatovenerology Neurology Psychiatry and Narcology Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Oral surgery Gnathology and Temporo-Mandibular Joint's Functional Diagnostics Prosthodontics (Simple Prosthetics) Prosthodontics of Edentulous Patient Prosthodontics (Complex Prosthetics) Maxillofacial and Orthognathic Surgery Head and Neck Maxillofacial Prosthodontics Pediatric Dentistry</p>

			<p>Orthodontics and Pediatric Prosthodontics Medical Genetics in Dentistry Modern Endodontics Observing and Assisting a Dentist (Operative Dentistry and Endodontics) Observing and Assisting a Dentist (Prosthodontics) Observing and Assisting a Dentist (Pediatric) Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)</p>
GPC-5.2	Formulating a preliminary diagnosis and drawing up a plan for laboratory and instrumental examinations of a dental patient	Propaedeutics of Dental Diseases Local anesthesia and anesthesiology in dentistry	<p>Internal Medicine General Surgery Surgical Diseases Dermatovenerology Neurology Psychiatry and Narcology Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Oral surgery Gnathology and Temporo-Mandibular Joint's Functional Diagnostics Prosthodontics (Simple Prosthetics) Prosthodontics of Edentulous Patient Prosthodontics (Complex Prosthetics) Maxillofacial and Orthognathic Surgery Head and Neck Diseases Pediatric Maxillofacial Dentistry Maxillofacial Prosthodontics Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Medical Genetics in Dentistry Modern Endodontics Observing and Assisting a Dentist (Operative Dentistry and Endodontics) Observing and Assisting a Dentist (Prosthodontics) Observing and Assisting a Dentist (Pediatric) Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)</p>
GPC-5.3	Compiling medical documentation for a dental patient in accordance with	Propaedeutics of Dental Diseases	<p>Internal Medicine General Surgery Surgical Diseases Dermatovenerology</p>

	<p>regulatory requirements</p>		<p>Neurology Psychiatry and Narcology Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Oral surgery Gnathology and Temporo-Mandibular Joint's Functional Diagnostics Prosthodontics (Simple Prosthetics) Prosthodontics of Edentulous Patient Prosthodontics (Complex Prosthetics) Maxillofacial and Orthognathic Surgery Head and Neck Diseases Pediatric Maxillofacial Dentistry Maxillofacial Prosthodontics Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Medical Genetics in Dentistry Modern Endodontics Observing and Assisting a Dentist (Operative Dentistry and Endodontics) Observing and Assisting a Dentist (Prosthodontics) Observing and Assisting a Dentist (Pediatric) Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)</p>
<p>GPC-5.4.</p>	<p>Referring a patient to a laboratory examination in case there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the standards of dental care.</p>		<p>Internal Medicine Dermatovenerology Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Modern Endodontics Observing and Assisting a Dentist (Pediatric) Preparation for and Passing the State Exam State Exam (Computer Testing)</p>

GPC-5.5.	Referring a patient to an instrumental examination in case there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of dental care taking into account the standards.	Propaedeutics of Dental Diseases	Internal Medicine Dermatovenerology Neurology Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Three-dimensional x-ray Diagnostic Methods in Dentistry Observing and Assisting a Dentist (Pediatric) Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)
GPC-5.9.	Making a diagnosis based on the current international statistical classification of diseases and health problems.	Pathologic Anatomy - Pathologic Anatomy of Head and Neck	Internal Medicine Dermatovenerology Obstetrics Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Gnathology and Temporomandibular Joint's Functional Diagnostics Prosthodontics (Simple Prosthetics) Prosthodontics of Edentulous Patient Prosthodontics (Complex Prosthetics) Pediatric Maxillofacial Dentistry Maxillofacial Prosthodontics Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Medical Genetics in Dentistry Modern Endodontics Observing and Assisting a Dentist (Operative Dentistry and Endodontics) Observing and Assisting a Dentist (Prosthodontics) Observing and Assisting a Dentist (Pediatric) Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)
GPC-6.1.	Developing a plan for dental disease treatment taking into account the	Immunology, Clinical Immunology Pharmacology	Internal Medicine Clinical Pharmacology General Surgery Surgical Diseases Health and Safety

	<p>diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care taking into account the medical care standards.</p>		<p>Dermatovenerology Neurology Psychiatry and Narcology Pediatrics Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Oral surgery Gnathology and Temporo-Mandibular Joint's Functional Diagnostics Prosthodontics (Simple Prosthetics) Prosthodontics of Edentulous Patient Prosthodontics (Complex Prosthetics) Maxillofacial and Orthognathic Surgery Head and Neck Diseases Pediatric Maxillofacial Dentistry Maxillofacial Prosthodontics Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Medical Genetics in Dentistry Medical Rehabilitation Clinical Dentistry Implantology and Reconstructive Surgery Modern Endodontics Observing and Assisting a Dentist (Pediatric) Observing and Assisting a Dentist (General Dentistry), Including Research Practice Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)</p>
<p>GPC-6.2.</p>	<p>Selecting medical products (including dental materials) for drawing up a comprehensive plan for dental disease treatment. Following up the treatment of a patient</p>	<p>Dental Materials General Surgery</p>	<p>Internal Medicine Surgical Diseases Health and Safety Dermatovenerology Psychiatry and Narcology Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Oral surgery Gnathology and Temporo-Mandibular Joint's Functional Diagnostics Prosthodontics (Simple Prosthetics) Prosthodontics of Edentulous Patient Prosthodontics (Complex Prosthetics) Maxillofacial and Orthognathic Surgery Head and Neck Diseases</p>

			Pediatric Maxillofacial Dentistry Maxillofacial Prosthodontics Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Medical Genetics in Dentistry Medical Rehabilitation Implantology and Reconstructive Surgery Modern Endodontics Observing and Assisting a Dentist (Pediatric) Observing and Assisting a Dentist (General Dentistry), Including Research Practice Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)
Professional Competence			
PC-1.1.	Making an initial examination and/or reexamination of a patient in order to make a preliminary diagnosis.	Immunology, Clinical Immunology Local anesthesia and anesthesiology in dentistry Propaedeutics of Dental Diseases	Health and Safety Otorhinolaryngology Obstetrics Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Oral surgery Gnathology and Temporomandibular Joint's Functional Diagnostics Prosthodontics (Simple Prosthetics) Prosthodontics of Edentulous Patient Prosthodontics (Complex Prosthetics) Maxillofacial Prosthodontics Head and Neck Diseases Pediatric Maxillofacial Dentistry Maxillofacial and Orthognathic Surgery Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Medical Genetics in Dentistry Medical Rehabilitation Implantology and Reconstructive Surgery Modern Endodontics Aesthetic Restoration Observing and Assisting a Dentist (Oral Surgery) Observing and Assisting a Dentist (Operative Dentistry and Endodontics) Observing and Assisting a Dentist (Prosthodontics) Observing and Assisting a Dentist (Pediatric)

			<p>Observing and Assisting a Dentist (General Dentistry), Including Research Practice</p> <p>Preparation for and Passing the State Exam</p> <p>State Exam (Computer Testing)</p> <p>State Exam (Interdisciplinary Interview)</p>
PC-1.2.	<p>Receiving information from patients (their relatives/legal representatives); conducting a questionnaire survey of patients regarding their general health status; identifying concomitant diseases in order to make a preliminary diagnosis.</p>	<p>Immunology, Clinical Immunology</p> <p>Local anesthesia and anesthesiology in dentistry</p>	<p>Health and Safety</p> <p>Otorhinolaryngology</p> <p>Ophthalmology</p> <p>Obstetrics</p> <p>Endodontics</p> <p>Gerontostomatology and diseases of the oral mucosa</p> <p>Periodontics</p> <p>Oral surgery</p> <p>Gnathology and Temporo-Mandibular Joint's Functional Diagnostics</p> <p>Prosthodontics (Simple Prosthetics)</p> <p>Prosthodontics of Edentulous Patient</p> <p>Prosthodontics (Complex Prosthetics)</p> <p>Maxillofacial Prosthodontics</p> <p>Head and Neck Diseases</p> <p>Pediatric Maxillofacial Dentistry</p> <p>Maxillofacial and Orthognathic Surgery</p> <p>Pediatric Dentistry</p> <p>Orthodontics and Pediatric Prosthodontics</p> <p>Medical Genetics in Dentistry</p> <p>Medical Rehabilitation</p> <p>Implantology and Reconstructive Surgery</p> <p>Modern Endodontics</p> <p>Observing and Assisting a Dentist (Oral Surgery)</p> <p>Observing and Assisting a Dentist (Operative Dentistry and Endodontics)</p> <p>Observing and Assisting a Dentist (Prosthodontics)</p> <p>Observing and Assisting a Dentist (Pediatric)</p> <p>Observing and Assisting a Dentist (General Dentistry), Including Research Practice</p> <p>Preparation for and Passing the State Exam</p> <p>State Exam (Computer Testing)</p> <p>State Exam (Interdisciplinary Interview)</p>
PC-1.3.	<p>Detecting if patients have dentoalveolar, facial anomalies, deformities and</p>	<p>Immunology, Clinical Immunology</p>	<p>Health and Safety</p> <p>Endodontics</p> <p>Gerontostomatology and diseases of the oral mucosa</p> <p>Periodontics</p>

	<p>prerequisites for their development, defects in the crowns of teeth and dentition on the basis of the patient examination; laboratory, instrumental, and additional examinations in order to make a preliminary/final diagnosis.</p>		<p>Gnathology and Temporo-Mandibular Joint's Functional Diagnostics Prosthodontics (Simple Prosthetics) Prosthodontics of Edentulous Patient Prosthodontics (Complex Prosthetics) Pediatric Maxillofacial Dentistry Maxillofacial Prosthodontics Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Medical Genetics in Dentistry Medical Rehabilitation Three-dimensional Computer Modeling of Teeth Modern Endodontics Aesthetic Restoration Observing and Assisting a Dentist (Operative Dentistry and Endodontics) Observing and Assisting a Dentist (Prosthodontics) Observing and Assisting a Dentist (Pediatric) Observing and Assisting a Dentist (General Dentistry), Including Research Practice Cone Beam Computed Tomography in the Diagnosis Planning and Evaluation of the Effectiveness of Dental Solutions Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)</p>
<p>PC-2.1.</p>	<p>Organizing the provision of emergency and urgent medical care for acute dental diseases, conditions, exacerbation of chronic diseases, which pose a threat to the patient's life, or without obvious signs of a threat to the patient's life.</p>	<p>Local anesthesia and anesthesiology in dentistry</p>	<p>Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Oral surgery Maxillofacial and Orthognathic Surgery Head and Neck Diseases Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Implantology and Reconstructive Surgery Modern Endodontics Observing and Assisting a Dentist (Oral Surgery) Observing and Assisting a Dentist (Pediatric) Observing and Assisting a Dentist (General Dentistry), Including Research Practice</p>

			Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)
PC-2.2.	Selecting drugs and medical devices (including dental materials) for dental disease treatment assessing the possible side effects of taking medicinal drugs	Innovative techniques in dentistry Local anesthesia and anesthesiology in dentistry	Clinical Pharmacology Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Oral surgery Maxillofacial and Orthognathic Surgery Head and Neck Diseases Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Physiotherapy of Dental Diseases Implantology and Reconstructive Surgery Modern Endodontics Aesthetic Restoration Observing and Assisting a Dentist (Oral Surgery) Observing and Assisting a Dentist (Pediatric) Observing and Assisting a Dentist (General Dentistry), Including Research Practice Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)
PC-2.3.	Consulting patients on methods for treating dental diseases drawing up a comprehensive treatment plan which justifies the most appropriate tactics and assesses possible complications caused by using this technique.	Medical Elementology Bioelements in Medicine	Endodontics Gerontostomatology and diseases of the oral mucosa Periodontics Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Clinical Dentistry Modern Endodontics Observing and Assisting a Dentist (Pediatric) Observing and Assisting a Dentist (General Dentistry), Including Research Practice Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)
PC-2.4.	Selecting the type of local anesthesia/anesthesia and assessing the	Propaedeutics of Dental Diseases	Clinical Pharmacology Endodontics Gerontostomatology and diseases of the oral mucosa

possible complications caused by using it.		Periodontics Pediatric Dentistry Orthodontics and Pediatric Prosthodontics Modern Endodontics Observing and Assisting a Dentist (Pediatric) Observing and Assisting a Dentist (General Dentistry), Including Research Practice Preparation for and Passing the State Exam State Exam (Computer Testing) State Exam (Interdisciplinary Interview)
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4. THE DISCIPLINE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the discipline " **Periodontology**" is equal to **7** credits.

Table 4.1. Types of academic activities during the period of the HE program mastering

Type of educational work	Total hours	Semesters			
		VII	VIII		
Classroom activities (total)	176	68	108		
among them	-	-	-		
<i>Lectures</i>					
<i>Practical classes (PC)</i>					
<i>Seminars (S)</i>					
<i>Laboratory classes (LC)</i>	176	68	108		
Of them in interactive form (IF)	3	1	2		
Independent work (total)	76	30	46		
Total workload of disciplines	ac. hours credits	252 7	98 3	154 4	

Practical classes/seminars are not provided.

5. THE COURSE CONTENTS AND ACADEMIC ACTIVITIES

Table 5.1. The content of the discipline

№	Section name disciplines	Section contents
1	The structure of the periodontium. Etiology and pathogenesis of periodontal disease	The concept of periodontal complex, features of functioning and biomechanics of periodontal. Modern view on the etiology of periodontal disease. Pathogenetic aspects of the development of periodontal pathology in the light of modern scientific research. Stages of pathogenesis. Classification of periodontal diseases (ICD-10, etc.) Terminology. Examination of a patient with periodontal disease. Basic and additional methods of examination. Preparation of survey plan and documentation.

2	Gingivitis acute and chronic	Catarrhal gingivitis. Etiology, pathogenesis. The role of local and General factors in the etiology of gingivitis. Prevalence, clinic, Differential diagnosis. Gingivitis is hyperplastic. Etiology, pathogenesis. The role of local and General factors in the development of gingival hypertrophy. Prevalence, clinic Differential diagnosis. Gingivitis is ulcerative. Etiology, pathogenesis. The role of local and General factors in the etiology of gingivitis. Prevalence, clinic. Differential diagnostics. General and local treatment. Professional oral hygiene, anti-inflammatory therapy.
3	Marginal periodontitis	Periodontitis: acute, chronic, exacerbation of chronic, stage of remission. Localized, generalized. Aggressive forms of periodontitis. Etiology, pathogenesis, clinic, differential diagnosis. Complex treatment of patients with periodontal disease. The use of therapeutic, orthopedic, orthodontic and physiotherapy methods in the complex treatment of periodontal diseases. Methods of surgical treatment of periodontal disease. Basic methods of periodontal surgery (gingivectomy, curettage, flap surgery). Method of directed regeneration of periodontal tissues. Periodontal surgery periodontal: vestibuloplastika, frenulectomy, periodontal plastic.
4	Periodontosis	Periodontal disease: Etiology, pathogenesis, pathomorphology. Clinic, differential diagnosis of periodontal disease. Local recession of the gums. Classification, etiology, methods of treatment
5	Periodontolisis Periodontomas	Periodontal disease with progressive lysis of periodontal. Features of clinical manifestations. Tumors and tumor-like periodontal disease. Features of clinical manifestations.
6	Changes in periodontal disease in somatic diseases	Changes in periodontal diseases of the gastrointestinal tract, endocrine diseases, blood diseases. Clinic, diagnosis, treatment plan. Symptomatic patients with HIV infection, AIDS. Clinic, diagnosis, treatment plan.
7	Prevention of periodontal diseases	Supporting therapy. Dispanserization

Table 5.2. The types of academic activities

№	Name of discipline section	L	LC	CPC	Total hours
1	The structure of the periodontium. Etiology and pathogenesis of periodontal disease. Examination method.		10	15	25
2	Gingivitis acute and chronic		58	15	56
3	Periodontitis		58	10	68
4	Periodontosis		10	10	20
5	Periodontal disease. Periodontal disease		20	10	30
6	Changes in periodontal disease in somatic diseases		10	10	20
7	Prevention of periodontal diseases		10	6	16

Table 5.3. Laboratory classes

№	The name of the practical classes of the discipline	The amount per semester		
		VII	VIII	
1	Anatomical and physiological data on periodontium. Etiology and pathogenesis of inflammatory periodontal diseases. Classification. Etiology, pathogenesis of periodontal disease.	10		
2	Examination of a patient with periodontal disease. Additional diagnostic methods.	18		
3	Principle of treatment. Basic treatment – professional oral hygiene.	10		
4	The catarrhal gingivitis. Clinic, diagnosis, treatment.	15		
5	Gingivitis is hypertrophic, ulcerative. Clinic, diagnosis, treatment.	15		
6	Periodontitis is acute and chronic. Clinic, diagnosis and treatment.		28	
7	Periodontitis is aggressive. Clinic, diagnosis and treatment.		10	
8	Non-surgical treatments. Medical correction of inflammation in the periodontium		10	
9	Methods of surgical treatment of periodontitis: open curettage, flap surgery, NRT. Indications for vestibuloplasty, frenulectomy, periodontal plastic..		10	
10	Periodontosis. Clinic, diagnosis and treatment.		10	
11	Periodontolisi. Clinic, diagnosis and treatment.		10	
12	Periodontomas. Clinic, diagnosis and treatment.		10	
13	Changes in periodontal diseases of the gastrointestinal tract, endocrine diseases, blood diseases. Clinic, diagnosis, treatment plan.		10	
14	Prevention of periodontal diseases/ Dispensary observation of patients with periodontal pathology. Maintenance therapy		10	
15	Total: 176	68	108	

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENT

For the implementation of the educational and therapeutic process used classrooms and treatment rooms, equipped with special equipment (dental units, portable drill, phantoms, models) and the necessary materials (tools, medicines, filling materials). Each audience has a multimedia complex. Each audience has a multimedia complex (laptop, beamer).

7. RECOMMENDED SOURSES for COURSE STUDIES

1. software_- there is Microsoft office 2012 software for practical training
2. resources of the information and telecommunication network "Internet":
3. EBS of RUDN University and third-party EBS to which university students have access on the basis of concluded agreements:
 - a. Electronic library system RUDN - EBS RUDN <http://lib.rudn.ru/MegaPro/Web>

- b. EBS "University Library Online" <http://www.biblioclub.ru>
 - c. EBS Yurayt <http://www.biblio-online.ru>
 - d. EBS "Student Consultant" www.studentlibrary.ru
 - e. EBS "Doe" <http://e.lanbook.com/>
4. Databases and search engines:
- a. PUBMED
 - b. SCOPUS abstract database <http://www.elsevier.com/locate/scopus>
 - c. WHO Documentation Center <http://whodc.mednet.ru/>
5. Literature:
- a. Periodontology: учебное пособие для студентов четвертого курса стоматологического факультета (на англ.яз.) / Ф.Ю. Даурова, Макеева М.К., З.С. Хабадзе, И.В. Багдасарова, А.И. Маркова. - Москва: РУДН, 2018.-156с.
 - b. CARRANZA'S CLINICAL PERIODONTOLOGY, 12TH EDITION ISBN: 978-0-323-18824-1, 2015, 2012, 2006 by Saunders, an imprint of Elsevier Inc.

8. EVALUATION TOOLKIT AND GRADE SYSTEM FOR ASSESSMENT

Evaluation Toolkit (ET) and a point-rating system (PRS)* for assessment the level of competence formation (part of competencies) based on the results of mastering the discipline "Periodontology" are presented in the Appendix to this Work Program of the discipline.

* - ET and PRS are formed on the basis of the requirements of the relevant local regulatory act of the RUDN

DEVELOPERS:

Head of Conservative
Dentistry Department,
Associate Professor

Z.S. Khabadze

signature

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