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**Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA NAMED AFTER
PATRICE LUMUMBA
RUDN University**

Institute of Medicine

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

COURSE SYLLABUS

Gerodontology and Oral Muscula Diseases

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:

Dentistry

higher education programme profile/specialisation title

1. COURSE GOAL(s)

The goal of the course «Gerodontics and Oral Muscula Diseases» is to to equip students with the knowledge to provide outpatient dental therapeutic care to patients with diseases of the oral mucosa

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) «Gerodontics and Oral Muscula Diseases» is aimed at the development of the following competences /competences in part: **(GPC)- 2, 5, 6, (PC) – 1,2.**

Table 2.1. List of competences that students acquire through the course study

Competence code	Competence descriptor	Competence formation indicators (within this course)
GPC – 2	Being able to analyze the results of their own professional activity to prevent professional errors	GPC-2.1. Analyzing the causes of professional errors, therapeutic failures and conflict situations;
		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.
GPC –5	Being able to examine patients to determine a diagnosis when solving professional tasks	GPC-5.1. Gathering anamnesis by analyzing the patient’s complaints, making a physical examination at a dental appointment.
		GPC-5.2. Formulating a preliminary diagnosis and drawing up a plan for laboratory and instrumental examinations of a dental patient
		GPC-5.3. Compiling medical documentation for a dental patient in accordance with regulatory requirements
		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.

Competence code	Competence descriptor	Competence formation indicators (within this course)
		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.
		GPC-5.9. Making a diagnosis based on the current international statistical classification of diseases and health problems.
GPC –6	Being able to prescribe non-drug and drug treatment, monitor its efficacy and safety when solving professional tasks	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.
		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
PC-1	Being able to make an examination of a patient in order to determine a diagnosis.	PC-1.1. Making an initial examination and/or reexamination of a patient in order to make a preliminary diagnosis.
		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.
		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.
PC –2	Being able to prescribe, monitor the efficacy and safety of non-drug and drug treatment	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.

Competence code	Competence descriptor	Competence formation indicators (within this course)
		PC-2.2. Selecting drugs and medical devices (including dental materials) for dental disease treatment assessing the possible side effects of taking medicinal drugs
		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.
		PC-2.4. Selecting the type of local anesthesia/anesthesia and assessing the possible complications caused by using it.
		PC-2.5. Conducting a specialized appointment for adults and/or children, monitoring the course of treatment of caries, non-caries 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

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course refers to the core/variable/elective* component of (B1) block of the higher educational programme curriculum.

Within the higher education programme students also master other (modules) and / or internships that contribute to the achievement of the expected learning outcomes as results of the course study.

Table 3.1. The list of the higher education programme components/disciplines that contribute to the achievement of the expected learning outcomes as the course study results

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
GPC – 2	Being able to analyze the results of their own professional activity to prevent professional errors	Endodontics, Cariology and diseases of Hard dental tissues, Periodontics	Physiotherapy of dental diseases
GPC-5	Being able to examine	Endodontics,	Physiotherapy of dental

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
	patients to determine a diagnosis when solving professional tasks	Cariology and diseases of Hard dental tissues, Periodontics	diseases
PC-1	Being able to make an examination of a patient in order to determine a diagnosis.	Prevention and communal dentistry, Propedeutics, Local anesthesia and Anesthesiology in dentistry, Endodontics, Cariology and diseases of Hard dental tissues, Periodontics	Physiotherapy of dental diseases Dental prosthetics (simple prosthetics) Prosthetics in the absence of teeth Oral surgery Maxillofacial and gnathic surgery Complex dental prosthetics Implantology and oral reconstructive surgery
PC -2	Being able to prescribe, monitor the efficacy and safety of non-drug and drug treatment	Prevention and communal dentistry, Propedeutics, Local anesthesia and Anesthesiology in Dentistry, Endodontics, Cariology and diseases of Hard dental tissues, periodontics	Physiotherapy of dental diseases Dental prosthetics (simple prosthetics) Prosthetics in the absence of teeth Oral surgery Maxillofacial and gnathic surgery Complex dental prosthetics Implantology and oral reconstructive surgery

* To be filled in according to the competence matrix of the higher education programme.

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course "Gerodontics and Oral Muscular Diseases" is 6 credits (216 academic hours).

Table 4.1. Types of academic activities during the periods of higher education programme mastering (**full-time training**)*

Type of academic activities	Total academic hours	Semesters/training modules		
		IX	X	
<i>Contact academic hours</i>	140	68	72	
Lectures (LC)				
Lab work (LW)	140	68	72	
Seminars (workshops/tutorials) (S)				
<i>Self-studies</i>	76	36	40	
<i>Evaluation and assessment (exam/passing/failing grade)</i>				
Course workload	academic hours_	216	104	112

Type of academic activities	Total academic hours	Semesters/training modules	
		IX	X
credits	6	3	3

* To be filled in regarding the higher education programme correspondence training mode.

5. COURSE CONTENTS

Table 5.1. Course contents and academic activities types

Course module title	Course module contents (topics)	Academic activities types
Module 1. The structure of the oral mucosa. Elements of the defeat of the oral mucosa. Classification of diseases of the oral mucosa	Features of the structure of the oral mucosa in different areas (mucous cheeks, lips, hard and soft palate, gums, tongue). Pathological processes in the mucous membrane: inflammation, tumors. Elements destruction (primary and secondary). Classification of diseases of the oral mucosa (MMSI), ICD-10.	LW
Module 2. Examination of the patient with diseases of the oral mucosa.	Features of examination of patients with diseases of the oral mucosa.	LW
Module 3. Traumatic lesions of the oral mucosa	Trauma due to mechanical, chemical, physical effects (traumatic erosion, ulcer, radiation damage, burn, galvanism). Clinic, diagnosis, differential diagnosis, treatment. Leukoplakia. Clinic, diagnosis, differential diagnosis, treatment.	LW
Module 4. Infectious diseases of the oral mucosa	Viral diseases: acute and chronic recurrent herpes, shingles, herpangina. Clinic, diagnosis, differential diagnosis, treatment. AIDS, syphilis. Clinic, diagnosis, differential diagnosis, treatment. Features of behavior of the doctor at reception of this group of patients. Ulcerative – necrotic gingivostomatitis Vincent. Clinic, diagnosis, differential diagnosis, treatment. Fungal diseases: candidiasis, actinomycosis. Clinic, diagnosis, differential diagnosis, treatment.	LW
Module 5. Allergic diseases of the oral mucosa	Anaphylactic shock. Angioedema quince. Urticaria. Drug allergy. Clinic, diagnosis, differential diagnosis, treatment. Multiform exudative erythema Clinic, diagnosis, differential diagnosis, treatment Chronic recurrent aphthous stomatitis. Clinic, diagnosis, differential diagnosis, treatment.	LW
Module 6. Changes in the oral mucosa in some systemic diseases and metabolic disorders	Defeat of the oral mucosa in some systemic diseases (Hypo – and vitamin deficiency, diseases of the digestive, cardiovascular, endocrine systems, hematopoiesis disorders, collagenosis). Changes in the mucous diseases of the nervous system. Somalia, glossalgia.	LW
Module 7. Changes in the	Flat lichen, lupus erythematosus. Clinic,	LW

Course module title	Course module contents (topics)	Academic activities types
oral mucosa in dermatoses	diagnosis, differential diagnosis, treatment.	
Module 8. Diseases of the tongue	Anomalies and diseases of the tongue. Folded tongue, diamond-shaped, descriptive glossite. Hairy (black) language.	LW
Module 9. Diseases of the lips	Cheilitis. Cheilitis glandular, exfoliative, eczema, microheli Melkerson – Rosenthal, chronic fissures.	LW
Module 10. Precancerous diseases of the red border of the lips and oral mucosa	Precancerous and cancer of the oral mucosa and red border of the lips. Classification of precancerous diseases. Bowen's disease, cheilitis, Manganotti, warty precancer. Prevention, medical examination of patients.	LW
Module 11. he condition of the oral cavity in elderly people.	Features of treatment methods. Prevention of diseases of the oral mucosa	LW

* - to be filled in only for **full** -time training: *LC* - lectures; *LW* - lab work; *S* - seminars.

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 6.1. Classroom equipment and technology support requirements

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
Lecture	A lecture hall for lecture-type classes, equipped with a set of specialised furniture; board (screen) and technical means of multimedia presentations.	
Lab work	A classroom for laboratory work, individual consultations, current and mid-term assessment; equipped with a set of specialised furniture and machinery.	dental units, portable drills, phantoms, models) and the necessary materials (tools, medicines, filling materials)
Seminar	A classroom for conducting seminars, group and individual consultations, current and mid-term assessment; equipped with a set of specialised furniture and technical means for multimedia presentations.	dental units, portable drills, phantoms, models) and the necessary materials (tools, medicines, filling materials)
Computer Lab	A classroom for conducting classes, group and individual consultations, current and mid-term assessment, equipped with personal computers (in the amount of ___ pcs), a board (screen) and technical means of multimedia presentations.	List of specialised software installed on computers for mastering the discipline
Self-studies	A classroom for independent work of students (can be used for seminars and consultations), equipped with a set of specialised furniture and	

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
	computers with access to the electronic information and educational environment.	

* The premises for students' self-studies are subject to **MANDATORY** mention

7. RESOURCES RECOMMENDED FOR COURSE STUDY

Main readings:

1. Diseases of the oral mucosa = Oral mucosa diseases: for fifth-year students of the Faculty of Dentistry (in English) / F.Yu. Daurova, I.M. Makeeva, O.S. Gileva, M.K. Makeeva, Z.S. Khabadze, E.S. Kodzaeva. - Moscow: RUDN University, 2019. - 144 p.: ill.

Additional readings:

Internet sources:

1. Electronic libraries (EL) of RUDN University and other institutions, to which university students have access on the basis of concluded agreements:

- RUDN Electronic Library System (RUDN ELS) <http://lib.rudn.ru/MegaPro/Web>
- EL "University Library Online" <http://www.biblioclub.ru>
- EL "Yurayt" <http://www.biblio-online.ru>
- EL "Student Consultant" www.studentlibrary.ru
- EL "Lan" <http://e.lanbook.com/>
- EL "Trinity Bridge"
-

2. Databases and search engines:

- electronic foundation of legal and normative-technical documentation <http://docs.cntd.ru/>
- Yandex search engine <https://www.yandex.ru/>
- Google search engine <https://www.google.ru/>
- Scopus abstract database <http://www.elsevierscience.ru/products/scopus/>

*Training toolkit for self- studies to master the course *:*

1. The set of lectures on the course «Gerodontics and Oral Muscula Diseases»

* The training toolkit for self- studies to master the course is placed on the course page in the university telecommunication training and information system under the set procedure.

8. ASSESSMENT TOOLKIT AND GRADING SYSTEM* FOR EVALUATION OF STUDENTS' COMPETENCES LEVEL UPON COURSE COMPLETION

The assessment toolkit and the grading system* to evaluate the competences formation level (GPC- 2, 5, 6; PC – 1,2) upon the course study completion are specified in the Appendix to the course syllabus.

* The assessment toolkit and the grading system are formed on the basis of the requirements of the relevant local normative act of RUDN University (regulations / order).

DEVELOPERS:

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Z.S. Khabadze

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