

Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Ястребов Олег Александрович
Должность: Ректор
Дата подписания: 28.05.2026 12:33:11
Уникальный программный ключ:
ca953a0120d891083f939673078ef1a989dae18a

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

Oral Surgery

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

2026

1. COURSE GOAL(s)

The discipline "Oral Surgery" is part of the Dentistry specialist program under the direction 31.05.03 "Dentistry" and is studied in the 6th and 7th semesters of the 3rd and 4th years. The discipline is implemented by the Department of Maxillofacial Surgery and Surgical Dentistry. The discipline consists of 12 sections and 24 topics and is aimed at studying the features of odontogenic and specific inflammatory diseases of the maxillofacial area, their etiology, pathogenesis, clinical course, and treatment.

The goal of the course «Oral Surgery» is to train a dentist capable of diagnosing and providing qualified medical care to patients with odontogenic and specific inflammatory diseases of the oral cavity.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) «Oral Surgery» is aimed at the development of the following competences /competences in part: **GPC-2, GPC-5, GPC-6, GPC-9, PC-1, PC-2, PC-3, PC-5.**

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	Able to analyze the results of his/her own activities to prevent professional errors	GPC -2.1. Analyze the causes of professional errors, adverse treatment outcomes and conflict situations. The following is a summary of the results of the research and implementation of recommendations aimed at improving the medical and legal training of dentists and the prevention of professional errors, adverse outcomes and conflict situations.
GPC -5	Able to exam a patient in order to establish a diagnosis when dealing with professional tasks	GPC -5.1 Gather anamnesis, analyze patient complaints, conduct physical examination at dental appointments. Formulate a preliminary diagnosis and make a plan for laboratory and instrumental examinations of the dental patient.
GPC -6.	Able to prescribe, monitor the effectiveness and safety of non-medicinal and medication-assisted treatment for professional tasks	GPC -6.1. Develops a treatment plan for dental disease taking into account the diagnosis, age and clinical picture in accordance with the current procedures of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care. GPC -6.2 Selects medical devices (including dental materials) to make a comprehensive treatment plan for dental diseases. Supervises the further course of treatment of the patient.

GPC-9.	Able to assess morpho-functional conditions and pathological processes in the human body to solve professional problems	GPC-9.1. Have an algorithm of clinical-laboratory and functional diagnostics when solving professional tasks. Assess the results of clinical-laboratory and functional diagnostics when solving professional tasks.
PC-1	Able to diagnose children and adults with dental diseases, establish a diagnosis	PC-1.1. Conducts initial and/or follow-up examinations of a patient to establish a preliminary diagnosis.
		PC-1.2. Receives information from patients (their relatives/legal representatives), conducts patient questionnaires on general health status, identification of comorbidities in order to establish a preliminary diagnosis.
PC-2	Able to prescribe and administer treatment for children and adults with dental diseases, monitor its effectiveness and safety	PC-2.1. Organizes medical care in emergency and urgent forms for acute dental diseases, conditions, exacerbation of chronic diseases that are life-threatening to the patient or without clear signs of life-threatening to the patient.
		PC-2.2. selects medications and medical devices (including dental materials) for the treatment of dental diseases, evaluating the possible side effects of taking medications.
PC-3	Able to provide medical care in an emergency and urgent form	PC-3.1 Provides qualified medical care in their specialty using modern rehabilitation methods approved for use in medical practice.
		PC-3.2 Make an individual rehabilitation plan for a patient with maxillofacial diseases.
PC-5	Able to conduct medical examinations of children and adults with dental diseases	PC-5.1. Motivates patients (their relatives/legal representatives) to lead a healthy lifestyle and give up harmful habits.
		PC-5.2. develops positive behavior in patients (their relatives/legal representatives) aimed at preserving and improving health.

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.

* - Underline whatever applicable.

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.	Able to analyze the results of his/her own activities to prevent professional errors	Local anesthesia and anesthesiology in dentistry, Propaedeutics of dental diseases, Normal anatomy, Cariesology, Endodontics	Head and Neck Diseases, Maxillofacial Prosthetics, Gerontostomatology and Mucosal Diseases Internship: internship assistant of oral surgeon
GPC -5.	Able to exam a patient in order to establish a diagnosis when dealing with professional tasks	Local anesthesia and anesthesiology in dentistry, Propaedeutics of dental diseases, Normal anatomy, Cariesology, Endodontics	Head and Neck Diseases, Maxillofacial Prosthetics, Gerontostomatology and Mucosal Diseases Internship: internship assistant of oral surgeon
GPC -6.	Able to prescribe, monitor the effectiveness and safety of non-medicinal and medication-assisted treatment for professional tasks	Local anesthesia and anesthesiology in dentistry, Propaedeutics of dental diseases, Normal anatomy, Cariesology, Endodontics	Head and Neck Diseases, Maxillofacial Prosthetics, Gerontostomatology and Mucosal Diseases Internship: internship assistant of oral surgeon
PC-9.	Is able to assess morpho-functional conditions and pathological processes in the human body to solve professional problems	Local anesthesia and anesthesiology in dentistry, Propaedeutics of dental diseases, Normal anatomy, Cariesology, Endodontics	Head and Neck Diseases, Maxillofacial Prosthetics, Gerontostomatology and Mucosal Diseases Internship: internship assistant of oral surgeon
PC-1.	Able to diagnose children and adults with dental diseases, establish a diagnosis	Local anesthesia and anesthesiology in dentistry, Propaedeutics of dental diseases, Normal anatomy, Cariesology, Endodontics	Head and Neck Diseases, Maxillofacial Prosthetics, Gerontostomatology and Mucosal Diseases Internship: internship assistant of oral surgeon

PC-2.	Able to prescribe and administer treatment for children and adults with dental diseases, monitor its effectiveness and safety	Local anesthesia and anesthesiology in dentistry, Propaedeutics of dental diseases, Normal anatomy, Cariesology, Endodontics	Head and Neck Diseases, Maxillofacial Prosthetics, Gerontostomatology and Mucosal Diseases Internship: internship assistant of oral surgeon
PC-3.	Able to provide medical care in an emergency and urgent form	Local anesthesia and anesthesiology in dentistry, Propaedeutics of dental diseases, Normal anatomy, Cariesology, Endodontics	Head and Neck Diseases, Maxillofacial Prosthetics, Gerontostomatology and Mucosal Diseases Internship: internship assistant of oral surgeon
PC-5.	Able to conduct medical examinations of children and adults with dental diseases	Local anesthesia and anesthesiology in dentistry, Propaedeutics of dental diseases, Normal anatomy, Cariesology, Endodontics	Head and Neck Diseases, Maxillofacial Prosthetics, Gerontostomatology and Mucosal Diseases Internship: internship assistant of oral surgeon

* 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 is 5 credits (180 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	
		6	7
<i>Contact academic hours</i>	122	54	68
including:			
Lectures (LC)			
Lab work (LW)	122	54	68
Seminars (workshops/tutorials) (S)			
<i>Self-studies</i>	37	15	22
<i>Evaluation and assessment (exam/passing/failing grade)</i>	21	3	18
Course workload			
academic hours	180	72	108
credits	5	2	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

Section No. Course module title	Course module contents (topics)	Acad emic activitie s types
Section 1 Features of odontogenic inflammatory diseases in the maxillofacial area	1.1 Odontogenic diseases of the maxillofacial area: classification, developmental features, and course. Examination for odontogenic diseases of the maxillofacial area (basic and additional diagnostic methods).	LW
Section 2 Apical periodontitis	2.1 Classification (by clinical course, origin, ICD). Etiology, pathogenesis. Acute periodontitis: pathological anatomy, clinical picture, diagnosis, differential diagnosis, prevention. Exacerbation of chronic periodontitis: pathological anatomy, clinical picture, diagnosis, differential diagnosis.	LW
	2.2 Chronic periodontitis: pathological anatomy, clinical picture, diagnosis, differential diagnosis, prevention.	LW
	2.3 Surgical methods of treating chronic periodontitis: tooth extraction, tooth-preserving operations (root apex resection, amputation). Indications, contraindications, features, techniques, complications.	LW
	2.4 Surgical methods of treating chronic periodontitis: tooth extraction, tooth-preserving operations (hemisection, coronal-radicular separation, replantation, transplantation). Indications, contraindications, features, techniques, complications.	LW
Section 3 Odontogenic periostitis of the jaw	3.1 Classification. Etiology, pathogenesis. Acute periostitis: pathological anatomy, clinical picture, diagnosis, differential diagnosis, treatment, prevention.	LW
	3.2 Chronic periostitis: pathological anatomy, clinical picture, diagnosis, differential diagnosis, treatment, prevention. Periostotomy. Technique of the operation for abscesses located on the vestibular, lingual, and palatal surfaces of the alveolar process.	LW
Section 4 Odontogenic osteomyelitis of the jaw	4.1 Classification. Etiology, pathogenesis. Acute stage: pathological anatomy, clinical picture, course features, diagnosis, differential diagnosis, treatment, prevention. Subacute stage: pathological anatomy, clinical picture, course features, diagnosis, differential diagnosis, treatment, prevention.	LW
	4.2 Chronic odontogenic osteomyelitis of the jaws: pathological anatomy, classification, clinical picture, course features, diagnosis, differential diagnosis, treatment, prevention. Sequestrum.	LW

	Sequestrectomy.	
Section 5 Odontogenic inflammation of the maxillary sinus	5.1 Anatomy of the maxillary sinus. Acute and chronic odontogenic maxillary sinusitis. Classification. Etiology, pathogenesis, pathological anatomy. Diagnosis, differential diagnosis.	LW
	5.2 Methods of conservative treatment of maxillary sinusitis. Methods of surgical treatment of maxillary sinusitis. Methods of surgical closure of the oroantral fistula.	LW
Section 6 Tooth eruption diseases	6.1 Dystonia and tooth retention. Classification, clinical picture, diagnosis, extraction of specific tooth groups, complications, prevention.	LW
	6.2 Pericoronitis. Etiology, pathogenesis, pathological anatomy, clinical picture, diagnosis, differential diagnosis, treatment, prevention.	LW
Section 7 Specific inflammatory diseases of the maxillofacial area	7.1 Actinomycosis. Classification. Etiology, pathogenesis. Diagnosis, differential diagnosis, treatment. Tuberculosis. Classification. Etiology, pathogenesis. Diagnosis, differential diagnosis, treatment.	LW
	7.2 Syphilis. Classification. Etiology, pathogenesis. Diagnosis, differential diagnosis, treatment. Erysipelas of the maxillofacial area. Etiology, pathogenesis. Diagnosis, differential diagnosis, treatment.	LW
Section 8 Odontogenic inflammatory diseases of soft tissues	8.1 Odontogenic inflammatory diseases of soft tissues: classification, developmental features, and course. Examination for odontogenic inflammatory diseases of soft tissues in the maxillofacial area (basic and additional diagnostic methods).	LW
Section 9 Abscesses and phlegmons located near the lower jaw	9.1 Abscesses and phlegmons of the submandibular, submental areas, and peripharyngeal space.	LW
	9.2 Abscesses and phlegmons of the pterygomandibular and retromandibular spaces, the mandibular lingual groove, the sublingual area, and the retromolar space.	
	9.3 Abscesses of the body and root of the tongue. Phlegmon of the floor of the mouth. Putrefactive-necrotic phlegmons of the face and neck.	LW
Section 10 Abscesses and phlegmons located near the upper jaw	10.1 Abscesses and phlegmons of the infraorbital, zygomatic, and buccal areas. Phlegmons of the orbit. Phlegmons of the temporal area, infratemporal, and pterygopalatine fossae.	LW

	10.2 Abscesses and phlegmons of the parotideomasseteric and submasseteric areas. General principles of treatment.	LW
Section 11 Diseases of the lymphatic system	11.1 Lymphatic system of the face and neck. Lymphangitis. Etiology, pathogenesis, pathological anatomy, clinical picture, diagnosis, differential diagnosis, treatment, prevention.	LW
	11.2 Lymphadenitis. Adenophlegmon. Etiology, pathogenesis, pathological anatomy, clinical picture, diagnosis, differential diagnosis, treatment.	LW
Section 12 Complications of odontogenic inflammatory diseases	12.1 Thrombophlebitis of facial veins. Cavernous sinus thrombosis. Mediastinitis. Meningitis. Sepsis.	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)
Lab-work	Room for conducting laboratory work, individual consultations, current control, and intermediate assessment, equipped with a set of specialized furniture and equipment.	Set of specialized furniture; Interactive complex: Epson EB680Wi projector (V11H742041); Dell Optiplex 7780 monoblock 512 GB+1 TB; Logitech Wireless Presenter Professional R700 presenter; Software: Yandex products (office applications, including Yandex Documents/Yandex 365, Telemost, Messenger); Magnetic marker board 100x150 cm; Simulators: heads, GF dental, Model of upper and lower jaw for practicing manipulations in surgical dentistry (manufacturer: Dental Store/Dental Store, Italian Republic (Italy), Portable surgical dental implantological unit Implantmed SI-923. Manufacturer: "W&H Dentalwerk Burmoos GmbH" / Republic of Austria, Surgical dental handpiece S-9 LG (1:1)

		<p>(manufacturer: W&H Dentalwerk Burmoos GmbH, Republic of Austria; Skull model consisting of 10 parts with color marking, GF dental; Dental phantom RNT, GF dental, Mounting on the edge of the phantom table; Set of instruments: Kidney-shaped tray LMP - "MEDIKON", 200x120x30 (V=0.3n) (Medikon), Straight anatomical tweezers 150x2.5mm (SammarInt.), Curved dental tweezers Psi (150x0.8mm) (MMIZ); Double-ended medium curette (curette spoon), Needle holder, 14 cm (121-315) (Medenta), Dental forceps for tooth extraction, Elevator, set of 10 pieces (Asa Dental).</p>
Self-studies	Room for independent work of students (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to the EIOS.	<p>Set of specialized furniture; Interactive complex: Epson EB680Wi projector (V11H742041); Dell Optiplex 7780 monoblock 512 GB+1 TB; Logitech Wireless Presenter Professional R700 presenter; Software: Yandex products (office applications, including Yandex Documents/Yandex 365, Telemost, Messenger); Magnetic marker board 100x150 cm; Simulators: heads, GF dental, Model of upper and lower jaw for practicing manipulations in surgical dentistry (manufacturer: Dental Store/Dental Store, Italian Republic (Italy), Portable surgical dental implantological unit Implantmed SI-923. Manufacturer: "W&H Dentalwerk Burmoos GmbH" / Republic of Austria, Surgical dental handpiece S-9 LG (1:1) (manufacturer: W&H Dentalwerk Burmoos</p>

		<p>GmbH, Republic of Austria; Skull model consisting of 10 parts with color marking, GF dental; Dental phantom RNT, GF dental, Mounting on the edge of the phantom table; Set of instruments: Kidney-shaped tray LMP - "MEDIKON", 200x120x30 (V=0.3n) (Medikon), Straight anatomical tweezers 150x2.5mm (SammarInt.), Curved dental tweezers Psi (150x0.8mm) (MMIZ); Double-ended medium curette (curette spoon), Needle holder, 14 cm (121-315) (Medenta), Dental forceps for tooth extraction, Elevator, set of 10 pieces (Asa Dental).</p>
--	--	---

7. RESOURCES RECOMMENDED FOR COURSE STUDY

Main readings:

1. Surgical Dentistry: Textbook / S.V. Tarasenko, E.A. Morozova, I.V. Bondarenko [et al.]; edited by S.V. Tarasenko. - Electronic text data. - Moscow: GEOTAR-Media, 2021. - 672 p. - ISBN 978-5-9704-6211-9.
2. Abscesses and Phlegmons of the Maxillofacial Area and Neck. Atlas: Textbook / V.V. Afanasiev, O.O. Yanushevich, B.K. Urgunaliyev. - Electronic text data. - Moscow: GEOTAR-Media, 2022. - 120 p.

Additional readings:

1. Maxillofacial Surgery: Textbook / edited by A.Yu. Drobyshev, O.O. Yanushevich. Moscow: GEOTAR-Media, 2021. - 880 p. - ISBN 978-5-9704-5971-3.
2. Topographic Anatomy and Operative Surgery: Textbook in 2 volumes. Vol. 1 / V.I. Sergienko, E.A. Petrosyan, I.V. Frauchi; edited by Yu.M. Lopukhin. - 3rd ed., rev.; Electronic text data. - Moscow: GEOTAR-Media, 2023. - 832 p. - ISBN 978-5-9704-7234-7.

Internet Resources:

1. PFUR EBS and external EBS to which university students have access under concluded agreements:

PFUR Electronic Library System - PFUR EBS: <https://mega.rudn.ru/MegaPro/Web>

EBS "University Library Online": <http://www.biblioclub.ru>

EBS "Yurait": <http://www.biblio-online.ru>

EBS "Student Consultant": www.studentlibrary.ru

EBS "Znaniy": <https://znaniy.ru/>

2. Databases and Search Systems:

Sage: <https://journals.sagepub.com/>

Springer Nature Link: <https://link.springer.com/>

Wiley Journal Database: <https://onlinelibrary.wiley.com/>

Scientometric Database Lens.org: <https://www.lens.org>

Educational and Methodological Materials for Independent Work of Students in Mastering the Discipline/Module:*

1. Course of lectures on the discipline "Oral Surgery".

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, GPC-5, GPC-6, GPC-9, PC-1, PC-2, PC-3, PC-5) 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:

**Associate Professor of the
Department maxillofacial
surgery
and surgical dentistry**

position, department

V.D. Trufanov

signature

name and surname

**HEAD OF EDUCATIONAL DEPARTMENT:
maxillofacial surgery and
surgical dentistry**

name of department

S.Yu. Ivanov

signature

name and surname

**HEAD
OF HIGHER EDUCATION PROGRAMME:
Deputy Director of
Institute of Medicine
by specialty Dentistry**

position, department

S. N. Razumova

signature

name and surname