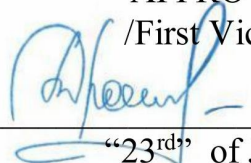


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**Federal State Budgetary Educational Institution
of Higher Education
"Pacific State Medical University"
of the Ministry of Health of the Russian Federation**

APPROVED BY

/First Vice-Rector

 / Dvoynikova E.R./
"23rd" of June 2026

THE WORK PROGRAM OF THE DISCIPLINE (MODULE)

B1.C.34 Surgical dentistry

(name of the discipline (module))

Speciality:	31.05.03 Dentistry for foreign students
Level of training	specialty
Specialization (profile and field of professional activity)	02 Health care (in the field of dental healthcare)
The form of education	full-time
Educational program duration:	5 years
Institute/department	Institute of Dentistry

Vladivostok, 2026

When developing the working program of the discipline (module) B1.C.34 Surgical dentistry is based on:

- 1) Federal State Educational Standards of Higher Education in the specialty 31.05.03 Dentistry, approved by Order No. 984 dated August 12, 2020 of the Ministry of Science and Higher Education of the Russian Federation.
- 2) Curriculum for the 31.05.03 Dentistry for foreign students (English-language program), profile 02 "Healthcare" (in the field of providing health care in patients with dental pathology), approved by the Academic Council of FSBEI HE PSMU of the Ministry of Health of Russia Report No. 1-7/25-26 dated March 27, 2026.

The working program for the discipline was developed by a team of the Institute of Dentistry of the Federal State Budgetary Educational Institution of Higher Medical Education of the Ministry of Health of the Russian Federation, under the supervision of the head of the department / director of the Institute, Dr. of Medical Sciences, Associate Professor Yu. Yu. Pervov.

Developers:

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1. GENERAL PROVISIONS

1.1. The purpose and objectives of mastering the discipline (module) B1.C.34 Surgical dentistry

The purpose of mastering the discipline (module) is B1.C.34 Surgical dentistry is to prepare graduates with a set of universal, general professional, and professional competencies. The level of competencies developed allows graduates to perform certain work activities within the scope of the professional standard "Dentist," which corresponds to the professional activities of graduates.

Objectives of the discipline (module) B1.C.34 Surgical dentistry are:

1. To develop skills in diagnosing dental diseases and pathological conditions of patients.
2. To develop skills in providing dental care in outpatient and day hospital settings.

2. PLACE OF THE DISCIPLINE (MODULE) IN THE STRUCTURE OF THE BASIC EDUCATIONAL PROGRAM

Discipline (module) B1.C.34 Surgical dentistry refers to the part Block 1. Disciplines (modules), The required part of the main educational program the 31.05.03 Dentistry for foreign students (People's Republic of China English-language network educational program), specialization 02 Health care (in the field of dental healthcare) and it is studied in the 5-6 semesters.

3. PLANNED LEARNING OUTCOMES FOR THE DISCIPLINE (MODULE)

3.1. The discipline (module) B1.C.34 Surgical dentistry is aimed at developing such students' competencies as: GPC-5, GPC-6, PC-1, PC-2. The discipline (module) provides students with the formation of competencies, depending on the types of tasks of professional activity.

Competency code	Formulation of competence	Indicators of Competency Achievement
General professional competencies		
GPC-5	able to examine a patient and make a diagnosis	AI.GPC-5 ₁ - examines the patient using clinical, laboratory and special instrumental methods AI.GPC-5 ₂ - provides a comprehensive evaluation to determine the overall health and functionality of organs and systems to decide if there are no contraindications that might preclude complex and reconstructive dental manipulations AI.GPC-5 ₃ - evaluates the results of the exam to make a diagnosis
GPC-6	able to administer and control the effectiveness and safety of non-pharmacological and pharmacological therapies	AI.GPC-6 ₁ - creates a treatment plan, administers dosages of medication as well as non-pharmacological treatment regimens adhering to treatment requirements AI.GPC-6 ₂ - monitors therapy effectiveness and adjusts treatment regimens as necessary, utilizes various forms of medication tailored to specific dental treatments AI.GPC-6 ₃ - identifies contraindications and potential adverse events related to medication administration

Professional competencies		
PC-1	ability and willingness to implement activities aimed at diagnosing dental diseases using digital health methods	AI. PC-1 ₁ - identifies basic pathologic conditions, symptoms, syndromes in patients with dental diseases AI. PC-1 ₂ - interprets and evaluates the information received from patients (their relatives/legal representatives), primary and re-examination data, as well as laboratory and instrumental investigations in patients with dental diseases AI. PC-1 ₃ - applying the methods of digital computerized and hardware diagnostics of dental diseases
PC-2	ability to administer and apply modern methods and/or digital technologies to treat dental patients as well as monitor the effectiveness and safety of the treatment	AI. PC-2 ₁ - develop treatment plans for dental patients aligning with clinical recommendations, treatment protocols, and medical care procedures and health care standards AI. PC-2 ₂ - demonstrates proficiency in administering non-pharmacological and pharmacological therapies and other treatment methods to dental patients, monitors the efficacy and safety of these methods AI. PC-2 ₃ - proficiently uses modern methods and/or digital technologies to treat dental diseases

3.2. Types of professional activities, based on those formed during the implementation of B1.C.34 Surgical dentistry competencies:

Type of professional activity tasks

1. Medical
2. Research
3. Pedagogical

Kinds of professional tasks

1. Conducting an examination of the patient to establish a diagnosis.
2. Prescribing, monitoring the effectiveness and safety of non-drug and drug treatment.

3.3. The planned learning outcomes in the discipline (module) are expressed in knowledge, skills, and (or) work experience. The outcomes characterize the stages of competence formation and ensure the achievement of the planned results of mastering the basic educational program. The results of training in the discipline are correlated with indicators of competence achievement.

4. SCOPE AND CONTENT OF THE DISCIPLINE (MODULE)

4.1. Scope of the discipline (module) and types of academic work

Type of academic work	Total hours	Semesters	
		3	4
		hours	hours
1	2	3	4
Classroom classes (total), including	170	82	88
Lectures	26	10	16

Practical classes		144	72	72
Independent work of the student, including:		118	62	56
Preparation for classes (PC)		100	56	44
Preparation for routine control (PRC)		12	6	6
Preparation for midterm examination (PME)		6		6
Midterm Examination		36		36
Type of midterm examination	credit (C)			
	exam (E)	E		E
Total: Overall labor intensity	hour.	324	144	180
	Cr	9	4	5

4.2. Content of the discipline

4.2.1. Lecture topics and number of hours per semester of study of the discipline (module)

№	Lecture topics	Hours
1	2	3
semester 3		
1	The subject and content of surgical dentistry. Organization of surgical dental departments and offices. Basic principles of the diagnostic process. Preliminary and final diagnosis. Treatment plan. Fundamentals of prevention. Ethics.	2
2	Anatomical and physiological features of the maxillofacial region. Methods of examination of the surgical dental patient. Basic and additional examination methods.	2
3	Key aspects of pain management in dentistry. Types of anesthesia in dentistry. Developmental stages of anesthesia methods. Local and general anesthesia. Types of local anesthesia. Application, infiltration (intraosseous, intrapulpal, septal), conduction, and root canal anesthesia: definitions. Local anesthetics. Techniques for local anesthesia in the upper and lower jaw. Complications. Treatment and prevention of complications. Root canal anesthesia methods.	2
4	General anesthesia. Types of anesthesia. Equipment and supplies for anesthesia. Indications and contraindications for general anesthesia in surgical dentistry. Specifics of general anesthesia for facial and oral surgery. Premedication.	2
5	Tooth extraction. Indications and contraindications. Preparation for surgery. Instrumentation. Techniques for removing teeth and roots in the upper and lower jaws. Techniques for complex tooth and root extractions. Wisdom tooth extraction. Removal of tooth root fragments. Early and late complications during tooth extraction. Causes, diagnosis, and treatment. Prognosis and prevention of complications.	2
	Total hours per semester	10
semester 4		
1	Inflammatory diseases of the maxillofacial region: etiology, pathogenesis, classification. Odontogenic inflammatory diseases. Periodontitis. Acute and chronic periodontitis. Classification. Pathological anatomy. Clinical presentation, diagnostics. Conservative and surgical treatment of chronic periodontitis. Complications and prevention.	2
2	Acute odontogenic periostitis of the jaws. Classification. Clinical presentation. Diagnosis. Differential diagnosis. Surgical and drug therapy for acute odontogenic periostitis of the jaws.	2
3	Osteomyelitis of the jaws. Classification. Odontogenic osteomyelitis. Comprehensive treatment. Outcome and possible complications. Prognosis and	2

	prevention.	
4	Sinusitis. Classification. Odontogenic sinusitis. Clinical presentation, diagnosis, and differential diagnosis. Perforation and fistula of the maxillary sinus. Surgical treatment.	2
5	Structural and functional features of the maxillofacial lymphatic system. Maxillofacial lymphadenitis: classification, clinical presentation, and diagnosis. Herzenberg's pseudoparotitis. Abscessing lymphadenitis. Adenophlegmon. Tuberculous and syphilitic lymphadenitis. Hyperplastic lymphadenitis. Treatment and prevention. Prognosis. Lymphadenitis in children.	2
6	Anatomy, physiology, and histological structure of the salivary glands. Saliva composition. Examination methods for patients with salivary gland diseases. Inflammatory diseases of the salivary glands. Classification. Epidemic and bacterial mumps and other types of sialadenitis. Complications. Treatment of acute sialadenitis. Chronic inflammation of the salivary glands. Parenchymatous and interstitial sialadenitis. Sialodochitis. Etiology, pathogenesis, clinical features, and diagnostic methods. Treatment: conservative and surgical. Prevention of sialadenitis. Characteristics of the course of mumps in children.	2
7	Salivary stone disease. Etiology, clinical presentation, diagnosis, and differential diagnosis. Potential complications. Treatment and prevention. Reactive-dystrophic diseases of the salivary glands. Sialosis. Classification. Mikulicz's disease (glandular lymphomatosis). Sjogren's syndrome (disease).	2
8	Temporomandibular joint diseases. Classification. Temporomandibular joint pain dysfunction syndrome. Clinical presentation, differential diagnosis and treatment. Prevention. Arthritis. Classification. Clinical manifestations of acute and chronic arthritis. Complex treatment. TMJ injuries, dislocations: treatment. Degenerative diseases of the temporomandibular joint. Arthrosis (deforming, sclerosing). Drug and surgical treatment. Complications of arthrosis, arthrosis-arthritis: contractures and ankylosis. Classification. Clinical presentation. Diagnostics. Treatment. Contractures. TMJ ankylosis. Ankylosis (fibrous, bone). Surgical treatment methods.	2
	Total hours per semester	16

4.2.2. Topics of practical classes and number of hours per semester of studying the discipline (module)

№	Practical classes' topics	Hours
1	2	3
semester 3		
1	Definition of surgical dentistry as a clinical discipline and its subfields. History of its development. The role of Russian scientists in the development of surgical dentistry. Dentistry as a branch of medicine and its relationship with other sciences. Organization of surgical dental care in the Russian Federation. Organizational principles of surgical dental departments and offices. Ergonomics in surgical dentistry. Asepsis and antisepsis during facial and oral surgery. Prevention of AIDS, hepatitis C and B.	4
2	The dentofacial system as a single anatomical and functional complex, anatomical and physiological characteristics of the dentofacial system. P.K. Anokhin's teachings as applied to the dentofacial system. Facial structure and its age-related characteristics. Anthropometric patterns and proportions. Anatomy of the vascular, muscular, skeletal, and nervous systems of the head and neck.	4
3	Methods of examining a dental patient. Basic examination methods. Questioning. Complaints. Medical history. Medical history. Past and concomitant illnesses. Medication tolerance. Allergic reactions, etc. Examination. Facial configuration. Skin, vermilion border, regional lymph nodes. Mouth opening. Examination of the oral cavity. Palpation, percussion, probing. Determination of tooth mobility.	4

	Additional methods of examining a dental patient (laboratory and radiographic methods). Practical training – demonstration of practical skills.	
4	Legal aspects of treating surgical patients. Legal liability of the dental surgeon. Semiology in dentistry. Deontology. Establishing rapport with the patient. Basic principles of the diagnostic process. Preliminary and final diagnosis. Creating a treatment plan. Completing the medical record.	4
5	Key aspects of pain management in dentistry. Types of anesthesia in dentistry. Stages of development of anesthesia methods. Local and general anesthesia. Types of local anesthesia. Application, infiltration (intraosseous, intrapulpal, septal), conduction, and trunk anesthesia: definitions.	4
6	Anatomical and topographical features of the structure and innervation of the maxilla. Techniques for infiltration and conduction anesthesia of the maxilla. Practical training – demonstration of practical skills.	4
7	Anatomical and topographical features of the structure and innervation of the mandible. Techniques for infiltration and conduction anesthesia of the mandible. Practical training – demonstration of practical skills.	4
8	Methods of brainstem anesthesia. Indications and contraindications. Target points. Anatomical rationale. Complications. Prevention of complications. Practical training – demonstration of practical skills.	4
9	Local anesthetics. Indications and contraindications for local anesthesia. Local and systemic complications of anesthesia. Causes, diagnosis, treatment, and prevention. Fundamentals of emergency resuscitation: allergic reactions, shock, respiratory and cardiovascular disorders. Fundamentals of cardiopulmonary resuscitation in dental clinics. Practical training – demonstration of practical skills.	4
10	General anesthesia. Types of anesthesia. Equipment and supplies for anesthesia. Indications and contraindications for general anesthesia in surgical dentistry. Features of general anesthesia for facial and oral surgery. Premedication. Practical training – demonstration of practical skills.	4
11	Tooth extraction surgery. Indications and contraindications. Preparation for surgery. Instrumentation. Types of forceps and their purposes. Techniques for extracting teeth and roots in the upper jaw. Positions of the doctor and patient during upper jaw tooth extraction. Practical training – demonstration of practical skills.	4
12	Techniques for extracting teeth and roots in the lower jaw. Positions of the doctor and patient during lower jaw tooth extraction. Types of forceps and their purposes. Types of elevators and their application during tooth and root extraction. Practical training – demonstration of practical skills.	4
13	A technique for complex tooth and root extraction. Wisdom tooth extraction. A surgical technique for removing a third molar in the lower jaw due to incomplete eruption and malposition. Instrumentation used for wisdom tooth extraction. Removal of root fragments. Practical training – demonstration of practical skills.	4
14	Tooth extraction in individuals with underlying medical conditions. Early and late complications during tooth extraction. Causes, diagnosis, and treatment. Prognosis and prevention of complications. Practical training – demonstration of practical skills.	4
15	Inflammatory diseases of the maxillofacial region: etiology, pathogenesis, classification. Immunobiological characteristics of maxillofacial tissues. Odontogenic inflammatory diseases. Routes of spread of odontogenic infection. Causes of exacerbation of chronic odontogenic infection. Periodontitis. Acute and chronic periodontitis. Classification. Pathological anatomy. Clinical presentation, diagnostics.	4
16	Treatment methods for acute and chronic periodontitis, including chronic periodontitis in the acute stage. Conservative and surgical treatments for chronic periodontitis. Root apex resection, hemisection, and root amputation. Indications for surgery and techniques for different groups of teeth. Tooth-preserving surgeries.	4

	Potential complications and prognosis. Practical training – demonstration of practical skills.	
17	Surgical treatments for chronic periodontitis. Tooth replantation and transplantation. Tooth preparation for replantation, extraction techniques, tooth preparation, and replantation. Healing characteristics, possible complications, and prognosis. Jaw bone cysts. Etiology, infection pathways, and pathogenesis. Clinical presentation, diagnosis, and treatment. General clinical signs and treatment methods. Intensive care principles. Practical training – demonstration of practical skills.	4
18	Periostitis of the jaws: classification. Odontogenic periostitis. Pathogenetic relationship with periodontitis and the spread of the inflammatory process depending on the location of the roots of various groups of teeth. Classification. Clinical presentation. Diagnosis. Differential diagnosis. Features of the clinical course of acute odontogenic periostitis depending on the localization of the process. Surgical and drug therapy for acute odontogenic periostitis of the jaws. The doctor's tactics in relation to the causative tooth. Practical training – demonstration of practical skills.	4
	Total hours per semester	72
semester 4		
1	Teething disorders. Dystopia and tooth retention. Etiology. Pathogenesis. Clinical presentation. Methods for removing impacted and dystopic teeth. Indications for extraction. Peculiarities of tooth extraction in individuals with concomitant diseases. Practical training – demonstration of practical skills.	4
2	Osteomyelitis of the jaws: classification. Current concepts of the pathogenesis of osteomyelitis of the jaws. Theories of Bobrov-Lexler, S.M. Derizhanova, G.I. Semenchenko. Pathological anatomy. Classification according to Lukyanenko and Shargorodsky. Osteomyelitis of the jaws: odontogenic, contact, hematogenous. Acute stage of osteomyelitis of the jaws: clinical presentation, diagnosis, treatment.	4
3	Subacute and chronic stages of odontogenic osteomyelitis of the jaws. Clinical and radiographic presentation of various forms (sequestering, hyperplastic, primary chronic), differential diagnosis. Comprehensive treatment. Timing and technique of sequestrectomy. Extraction of the causative tooth, incision of perimaxillary abscesses and phlegmons, decompressive osteoperforation, drug therapy (antibacterial, anti-inflammatory, detoxifying, desensitizing, immunotherapy), use of physical methods. Outcome and possible complications. Prognosis and prevention.	4
4	Anatomical and physiological characteristics of the maxillofacial region in relation to age. The course of odontogenic inflammatory diseases in children and adults. Differential diagnosis, treatment, and prevention.	4
5	Anatomy of the maxillary sinus. Sinusitis. Classification (odontogenic, rhinogenous, traumatic, allergic). Odontogenic sinusitis. Acute and chronic. Clinical presentation, diagnosis, differential diagnosis. Treatment of odontogenic sinusitis. Prevention of odontogenic sinusitis. Physician's tactics in relation to the "causative" tooth. Medication and surgical treatment: principles.	4
6	Perforation and fistula of the maxillary sinus. Methods for performing the Valsalva air maneuver (direct and reverse). Surgical methods for closing fistulas and perforations of the maxillary sinus. Technique and possible complications. Caldwell-Luc antrostomy. Stages of the procedure and possible complications. Medication and physical therapy.	4
7	Structural and functional features of the maxillofacial lymphatic system. Maxillofacial lymphadenitis: classification. Acute and chronic lymphadenitis of the face and neck. Clinical presentation and diagnosis. Herzenberg's pseudoparotitis. Abscessing lymphadenitis. Adenophlegmon. Tuberculous and syphilitic lymphadenitis. Hyperplastic lymphadenitis. Treatment and prevention. Prognosis. Lymphadenitis in children.	4
8	Manifestations of HIV infection in the maxillofacial region. Etiology and pathogenesis of HIV infection. Classification and stages. Manifestations in the oral	4

	cavity and face. Lymphadenitis, candidiasis, periodontitis, herpetic stomatitis, hairy leukoplakia of the tongue, non-Hodgkin's lymphoma, Kaposi's sarcoma.	
9	Specific inflammatory processes of the maxillofacial region. Actinomycosis. Tuberculosis. Syphilis. Clinical manifestations in the oral cavity and maxillofacial region. Diagnosis and prevention.	4
10	Complications of odontogenic inflammatory diseases of the maxillofacial region. Classification of complications: general and local. Sepsis. Thrombophlebitis of the facial veins, etc. Abscesses and phlegmon. Prevention.	4
11	Anatomy, physiology, and histological structure of the salivary glands. Composition of saliva. Methods of examining patients with salivary gland diseases: clinical, radiological (sialography), and radiological. Pantomosialography, radiosialography, sialoscintigraphy. Inflammatory diseases of the salivary glands. Classification. Epidemic and bacterial mumps. Acute lymphogenous mumps and contact sialoadenitis. Postoperative and postinfectious mumps. Acute inflammation of the submandibular and sublingual salivary glands. Treatment of acute sialoadenitis (conservative and surgical).	4
12	Chronic inflammation of the salivary glands. Parenchymal, ductal (sialodontitis), and interstitial sialadenitis. Etiology, pathogenesis, clinical features, and diagnostic methods. Treatment options: conservative and surgical. Prevention of sialadenitis. Characteristics of mumps in children.	4
13	Salivary stone disease. The mechanism of stone formation in the salivary gland. Methods for stone removal from the duct. Abscess of the myloglossal groove. Extirpation of the submandibular salivary gland. Methodology. Possible complications. Prevention.	4
14	Reactive-dystrophic diseases of the salivary glands. Hypo- and hyperfunction of the salivary glands. Sialoses. Classification. Mikulicz disease (glandular lymphomatosis). Sjogren's syndrome (disease).	4
15	Anatomy and function of the TMJ. Anatomy of the masticatory muscles. Examination methods. Temporomandibular joint disorders. Temporomandibular joint pain dysfunction syndrome. Clinical presentation, differential diagnosis, and treatment.	4
16	Arthritis. Classification. Clinical manifestations of acute and chronic arthritis. Comprehensive treatment. TMJ injuries, dislocations: treatment.	4
17	Degenerative diseases of the temporomandibular joint. Arthrosis (deforming, sclerosing). Drug and surgical treatment. Complications of arthrosis, arthrosis-arthritis: contractures and ankylosis. Classification. Clinical presentation. Diagnostics. Treatment.	4
18	Contractures. Ankylosis of the TMJ. Ankylosis (fibrous, bony). Surgical treatment methods.	4
	Total hours per semester	72

4.2.3. Students' selfwork

№	Name of the section of the academic discipline (module)	Types of Selfwork	Total hours
1	2	3	4
semester 3			
1.	Methods of examining a dental patient. Ethics. Establishing rapport with the patient. Basic examination methods. Questionnaire. Complaints. History of the disease. Facial structure and its age-related characteristics. Anthropometric patterns. Dimensions of the lower face.	written report on selected topics for classes, preparation for current assessment	6
	Key aspects of pain in dentistry. Types of local anesthesia in dentistry. Local anesthetics. Indications and		6

	contraindications for local anesthesia. Premedication. The concept of general anesthesia in dental patients.		
	General anesthesia. Indications and features of general anesthesia for facial and oral surgery. Complications of anesthesia. Basics of resuscitation. Emergencies during dental procedures requiring immediate medical attention: respiratory distress, cardiovascular complications, coma, and shock. Basics of cardiopulmonary resuscitation in dental clinics.		6
	Tooth extraction surgery. Indications and contraindications. Preparation for surgery. Instrumentation. Techniques for extracting teeth and roots in the upper jaw. Positions of the doctor and patient during upper jaw tooth extraction. Types of forceps and their purposes. Specific aspects of extracting individual groups of teeth and roots.		6
	Techniques for extracting teeth and roots in the lower jaw. Positions of the doctor and patient during tooth extraction. Specific aspects of extracting individual groups of teeth and roots. Techniques for using various types of elevators. Types of forceps and their purposes.		6
	A technique for complex tooth and root extraction. Wisdom tooth extraction. A surgical technique for removing a third molar in the lower jaw due to incomplete eruption and malposition. Instrumentation used for wisdom tooth extraction. Root apices removal. Peculiarities of extraction in the upper and lower jaws. Complication prevention. Early and late complications during tooth extraction. Causes, diagnosis, and prevention.		6
	Teething disorders. Dystopia and tooth retention. Etiology. Pathogenesis. Clinical presentation. Methods for removing impacted and dystopic teeth. Indications for removal. Peculiarities of tooth extraction in individuals with concomitant diseases.		6
	Odontogenic inflammatory diseases. Immunobiological characteristics of maxillofacial tissues. Routes of odontogenic infection spread. Causes of exacerbation of chronic odontogenic infection. Periodontitis. Acute and chronic periodontitis. Classification. Pathological anatomy. Acute periodontitis. Clinical presentation, diagnostics. Chronic periodontitis. Clinical presentation. Diagnostics. Drug treatment of acute and chronic periodontitis in the acute stage. Surgical treatment of chronic periodontitis. Root apex resection, hemisection, and root amputation. Indications for surgery and technique for performing it on different groups of teeth. Possible complications and prognosis. Surgical treatment of chronic periodontitis. Tooth replantation and transplantation. Preparation of the tooth for replantation, extraction technique, tooth preparation, replantation. Features of engraftment, possible complications, and prognosis.		6
	Acute odontogenic periostitis of the jaws. Pathogenetic relationship with periodontitis and the spread of the inflammatory process depending on the location of the		7

	roots of various tooth groups. Classification. Clinical presentation. Diagnosis. Differential diagnosis. Features of the clinical course of acute odontogenic periostitis depending on the localization of the process. Surgical and drug therapy for acute odontogenic periostitis of the jaws. The doctor's tactics for treating the causative tooth. Odontogenic osteomyelitis of the jaws. Acute stage of osteomyelitis of the jaws. Odontogenic osteomyelitis, the role of microflora, non-specific resistance, immunological status of the patient and anatomical features of the jaws. Current concepts of the pathogenesis of osteomyelitis of the jaws. Theories of Bobrov-Lexler, S.M. Pathological anatomy. Classification according to Lukyanenko, Shargorodsky. Osteomyelitis of the jaws: odontogenic, contact, hematogenous. Complex pathogenetic treatment: surgical removal of the tooth - "source of infection", opening of perimaxillary abscesses and phlegmons, decompression osteoperforation, drug treatment (antibacterial, anti-inflammatory, detoxifying, desensitizing, immunotherapy), use of physical methods. Outcome and possible complications. Subacute and chronic stages of odontogenic osteomyelitis of the jaws. Clinical and radiographic presentation of various forms (sequestering, hyperplastic, primary chronic), differential diagnosis. Specific features of the disease in the upper and lower jaws. Comprehensive treatment. Timing and technique for sequesterectomy.		7
	Total hours per semester		62
semester 4			
2	Odontogenic sinusitis. Anatomy of the maxillary sinus. Differential diagnosis of odontogenic, rhinogenous, traumatic, and allergic sinusitis. Prevention of odontogenic sinusitis. Treatment of odontogenic sinusitis. Physician's tactics in relation to the "causative" tooth. Puncture of the maxillary sinus. Medication and physiotherapy. Perforation and fistula of the maxillary sinus. Methods of performing Valsalva air tests (direct and reverse). Surgical methods for plastic closure of maxillary sinus fistulas. Technique, possible complications. Caldwell-Luc antrotomy. Stages of performance, possible complications. Medication and physiotherapy. Acute and chronic lymphadenitis of the face and neck. Manifestations of HIV infection in the maxillofacial region. Lymphadenitis. Abscessing lymphadenitis. Adenophlegmon. Differential diagnosis of Herzenberg's pseudoparotitis and epidemiological parotitis. Tuberculous and syphilitic lymphadenitis. Hyperplastic lymphadenitis. The relationship of hyperplastic lymphadenitis with a chronic focus of infection in the oral cavity. Jaw bone cysts. Clinical presentation, diagnosis, and treatment. Abscesses localized in the oral cavity. Etiology, routes of infection spread, and pathogenesis. General clinical signs and treatment methods. Principles of intensive care.	written report on selected topics for classes, preparation for current assessment	8
			8

	Etiology, pathogenesis of HIV infection. Classification and stages (according to V.I. Pokrovsky). Manifestations in the oral cavity and face. Importance of the choice of surgical approach. Anesthesia during surgical interventions for abscessing lymphadenitis and adenophlegmon of the maxillofacial region. Specific inflammatory processes of the maxillofacial region. Actinomycosis. Tuberculosis. Syphilis of the maxillofacial region. Characteristics of pathogens. The role of the immune system in the development of actinomycosis. The mechanism of formation of actinomycotic granuloma. Classification. Tuberculosis and syphilis. Clinical manifestations in the maxillofacial region. Manifestations of syphilis: primary, secondary, tertiary periods in the maxillofacial region; the nature of manifestation, favorite localization by periods. Precautionary measures.		8
	Furuncles and carbuncles of the face. Erysipelas. Etiology, pathogenesis, and pathological anatomy. Clinical presentation, diagnosis, and differential diagnosis. Surgical and medical treatment methods. Prevention of complications.		8
	Inflammatory diseases of the salivary glands. Classification. Inflammation of the salivary glands (sialadenitis). Epidemic and bacterial mumps. Acute lymphogenous parotitis and contact sialadenitis. Postoperative and postinfectious mumps. Acute inflammation of the submandibular and sublingual salivary glands. Treatment of acute sialadenitis (conservative and surgical). Chronic inflammation of the salivary glands. Parenchymal, ductal (sialodochitis) and interstitial sialadenitis. Etiology, pathogenesis, clinical features and diagnostics. Treatment methods.		8
	Salivary stone disease. The mechanism of stone formation in the salivary gland. Method of stone removal from the duct. Technique, instruments, and possible complications. Submandibular salivary gland extirpation. Method. Potential complications.		8
	Inflammatory diseases of the temporomandibular joint. Arthritis. Classification. Patient examination methods, functional tests, radiographic methods, electromyography of the masticatory muscles. Clinical manifestations of acute and chronic arthritis. Comprehensive therapeutic, orthopedic, surgical, and physiotherapeutic treatment.		8
	Total hours per semester		56

5. CONDITIONS FOR THE IMPLEMENTATION OF THE DISCIPLINE (MODULE)

5.1. Educational, methodological and informational support of the academic discipline (module)

Basic literature

№	Name, type of resource	Author(s) /Editor	Output data, email address	Number of copies (accesses) in LIC
1	2	3	4	5
1.	Surgical dentistry: national guidelines [Electronic resource]	edited by A. A. Kulakova	M.: GEOTAR-Media, 2021. - 408 p. URL: http://www.studentlibrary.ru	Unlimited
2.	Oral Surgery: A Textbook [Electronic Resource]	edited by E. A. Bazikyan	Moscow: GEOTAR-Media, 2024. - 640 p. URL: http://www.studentlibrary.ru	Unlimited
3.	Surgical Dentistry: Textbook [Electronic resource]	V. V. Afanasyev [et al.]; edited by V. V. Afanasyev	M.: GEOTAR-Media, 2021. - 400 p. URL: http://www.studentlibrary.ru	Unlimited
4.	Surgical Dentistry: Textbook [Electronic resource]	edited by S. V. Tarasenko	M.: GEOTAR-Media, 2021. - 672 p. URL: http://www.studentlibrary.ru	Unlimited
5.	Local anesthesia and tooth extraction = Local anesthesia And removal tooth	A. A. Kabanova, A. I. Goncharova, M. S. Fleryanovich [and others]	Vitebsk: VSMU, 2017. - 194 p. - Electronic Library System "Bukap"	Unlimited

Additional literature

№	Name, type of resource	Author(s) /Editor	Output data, email address	Number of copies (accesses) to the LIC
1	2	3	4	5
1.	Sutures in surgical dentistry: a tutorial [Electronic resource]	A. M. Panin, A. M. Tsitsiashvili, A. V. Shishkanov, A. I. Potapova	Moscow: GEOTAR-Media, 2024. - 32 p. URL: http://www.studentlibrary.ru/	Unlimited
2.	Propaedeutics of surgical dentistry: a textbook [Electronic resource]	M.M. Soloviev	M.: MEDpress-inform, 2021. - 264 p. URL: http://books-up.ru/	Unlimited
3.	Introduction to Surgical Dentistry: Textbook	AV Sevbitov, AE Dorofeev, M. Yu. Kuznetsova [et al.] ; cd. by AV Sevbitov	M. : MIA , 2021. - 72 p. - EBS "Medlib"	Unlimited
4.	Maxillofacial Inflammatory diseases of the maxillofacial region	A. A. Kabanova, A. I. Goncharova, M. S. Fleryanovich [and others]	Vitebsk: VSMU, 2021. - 183 p. - Electronic Library System "Bukap"	Unlimited

Online resources.

1. EBS "Student Consultant" <http://studmedlib.ru/>
2. EBS "University Library Online" <http://www.biblioclub.ru/>
3. EBS "Yurait" <https://urait.ru/>
4. EBS "BookUp" <https://www.books-up.ru/>
5. Resources of the LIC FSBEI HE PSMU of the Ministry of Health of Russia PSMU <https://tgmru.ru/university/bibliotechno-informacionnyj-centr/resursy-bic/sobstvennye/>

Online resources and instructions for their use are posted on the Library and Information Center page [Library and Information Center — PSMU \(tgmru.ru\)](https://tgmru.ru/university/bibliotechno-informacionnyj-centr/resursy-bic/sobstvennye/)



5.2. Material and technical support of the academic discipline (module)

Information about the material and technical support of the discipline is posted on the official website of the university [Logistical support and equipment of the educational process. Pacific State Medical University of the Ministry of Health of the Russian Federation \(tgmru.ru\)](https://tgmru.ru/university/bibliotechno-informacionnyj-centr/resursy-bic/sobstvennye/)



5.3. The list of information technologies used for the implementation of the educational process in the discipline (module), information and reference systems, licensed and freely distributed software, including domestic production:

1. PolycomTelepresence M100 Desktop Conferencing Application (BKC)
2. SunRav Software tTester
3. 7-PDF Split & Merge
4. ABBYYFineReader
5. Kaspersky Endpoint Security
6. Online testing system INDIGO
7. Microsoft Windows 7
8. Microsoft Office Pro Plus 2013
9. 1C:University
10. The Guarantor
11. MOODLE(modular object-oriented dynamic learning environment)

6. THE SPECIFICS OF THE DISCIPLINE'S IMPLEMENTATION FOR STUDENTS WITH DISABILITIES AND PEOPLE WITH DISABILITIES

6.1. Availability of appropriate conditions for the implementation of the discipline

For students with disabilities and people with limited health capabilities (LHC), on the basis of a written application, the discipline is implemented taking into account the characteristics of psychophysical development, individual capabilities and health status (hereinafter referred to as

individual characteristics). The following general requirements are ensured: the use of special technical means of teaching for collective and individual use, the provision of the services of an assistant (helper) who provides such a student with the necessary technical support, ensuring access to buildings and premises where classes are held, and other conditions without which the study of the discipline is impossible or difficult.

6.2. Ensuring compliance with general requirements

When implementing the discipline on the basis of a written application from the student, the following general requirements are ensured: conducting classes for disabled students and individuals with disabilities (LHC) in the same classroom together with students who do not have disabilities, if this does not create difficulties for the students; the presence in the classroom of an assistant (assistants) providing the students with the necessary technical support, taking into account their individual characteristics; use of the technical means necessary for the student, taking into account their individual characteristics.

6.3. Bringing to the attention of students with disabilities in a form accessible to them all local regulations of the Federal State Budgetary Educational Institution of Higher Education Pacific State Medical University of the Ministry of Health of Russia.

All local regulations of the Federal State Budgetary Educational Institution of Higher Education Pacific State Medical University of the Ministry of Health of the Russian Federation on the implementation of the discipline (module) are communicated to students with disabilities (LHC) in a form accessible to them.

6.4. Implementation of an increase in the duration of the midterm examination in relation to the established duration for students with disabilities

The form of conducting current monitoring and midterm certification in the discipline for disabled students and individuals with limited health capabilities (LHC) is established taking into account individual psychophysical characteristics (orally, in writing on paper, printed on a computer, in the form of testing, etc.).

The duration of the interim certification in relation to the established duration is increased upon written application of the student with disabilities. The duration of the student's preparation for the test is increased by at least 0.5 hours.

7. STAFFING OF THE DISCIPLINE

The scientific and pedagogical staff ensuring the implementation of the educational process in the discipline meets the requirements of the Federal State Educational Standard of Higher Education in the specialty 31.05.03 Dentistry for foreign students (People's Republic of China English-language network educational program) specialization 02 Health care (in the field of dental healthcare) and is posted on the website of the educational organization.



8. UPBRINGING WORK

Type of upbringing work	Forms and directions of upbringing work	Assessment criteria
Assistance in personal development	Open Discipline "Surgical dentistry" Conversations and debates on healthy lifestyle promotion Participation in interdepartmental conferences on the formation of a healthy lifestyle culture, development of the ability to maintain and improve health	Portfolio
	Hidden – creating atmosphere, infrastructure Discipline "Surgical dentistry" Formation of a healthy lifestyle culture, development of the	

	ability to maintain and improve health Creating a friendly and respectful atmosphere with a high level of communication skills in the implementation of discipline	
Civic values	Open Discipline "Surgical dentistry" Conducting events that promote the development of civil and legal culture (round tables, debates, discussions) Short, timely disputes during special events	Portfolio
	Hidden Discipline "Surgical dentistry" Focusing on general civil value orientations and legal culture Conscious civic position in the implementation of professional activities	
Social values	Open Discipline "Surgical dentistry" Coverage of issues related to the organization of a healthy lifestyle based on health-saving technologies Coverage of environmental issues, environmental problems as a factor influencing public health and individual population risks	Portfolio
	Hidden Discipline "Surgical dentistry" Identification in the social structure when obtaining education and carrying out professional activities	