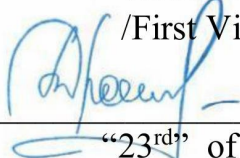


Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Стегний Кирилл Владимирович
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**Federal State Budget Educational Institution
of Higher Education
"Pacific State Medical University"
of the Ministry of Health of the Russian Federation**

APPROVED BY

/First Vice-Rector

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

WORKING PROGRAM OF DISCIPLINE (MODULE)

B1.C.33 Propaedeutics of therapeutic dentistry

(name of the discipline (module))

Speciality:

31.05.03 Dentistry for foreign students
(People's Republic of China English-language
network educational program)

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

When developing the working program of the discipline (module) B1.C.33 Propaedeutics of therapeutic 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 Education TSMU of the Ministry of Health of Russia, under the supervision of the head of the department / director of the Institute, Dr. of Medical Sciences, Associate Professor Yu. Yu. Pervov.

Developers:

Associate Professor at the Institute of Dentistry FSBEI HE PSMU of the Ministry of Health of Russia (current position)	Candidate of Medical Sciences (academic degree, academic title)	N.S. Mikhailova (full name)
Senior lecturer at the Institute of Dentistry FSBEI HE PSMU of the Ministry of Health of Russia (current position)	- (academic degree, academic title)	N.V. Kutuzova (full name)
Senior lecturer at the Institute of Dentistry FSBEI HE PSMU of the Ministry of Health of Russia (current position)	- (academic degree, academic title)	E. A. Borisova (full name)

1. GENERAL PROVISIONS

1.1 The purpose and objectives of mastering the discipline (module) B1.C.33 Propaedeutics of therapeutic dentistry

The purpose of mastering the discipline (module) is B1.C.33 Propaedeutics of therapeutic 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.33 Propaedeutics of therapeutic dentistry is:

1. 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.33 Propaedeutics of therapeutic dentistry refers to the part Block 1. Disciplines (modules), The required part of the main educational program 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 it is studied in the 5-6 semesters.

3. PLANNED LEARNING OUTCOMES FOR THE DISCIPLINE (MODULE)

3.1. The discipline (module) B1.C.33 Propaedeutics of therapeutic dentistry is aimed at developing such students' competencies as: GPC-5, PC-1. 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
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

3.2. Types of professional activities, based on those formed during the implementation of B1.C.33 Propaedeutics of therapeutic dentistry competencies:

Type of professional activity tasks

1. Medical
2. Research
3. Pedagogical

Kind of professional tasks

1. Conducting an examination of the patient to establish a diagnosis.

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 sessions (total), including:		112	78	48
Lectures		18	14	8
Practical exercises		94	64	40
Independent work of the student, including:		68	44	24
Preparation for classes (PC)		50	38	12
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.	216	108	108
	Cr	6	3	3

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.	Introduction to the specialty (the goals and objectives of dentistry, dental schools, the main stages of dentistry's development). Dentistry as a unified section of general medicine, its relationship with other sciences (physics, mathematics, chemistry, metallurgy, materials science, etc.). The place of propaedeutics in the dental education system. Organization of dental care and the dental office. Dental instruments for examination. Abrasive materials. Cutting and abrasive instruments. Composition, properties. Mechanism of action, indications for selection. Cofferdam.	2

2.	Dental patient examination methodology. Basic methods: interview, inspection, palpation, percussion, and soft tissue examination of the maxillofacial region.	2
3.	Dental filling materials. Classification of filling materials. Requirements. Physicochemical properties and effects on dental hard tissues, pulp, and oral mucosa. Indications and contraindications for use. Temporary filling materials. Therapeutic linings. Composition and properties, preparation and filling techniques. Adhesive systems.	2
4.	Composite filling materials. Aesthetic dentistry. Classification. Self-curing composite materials: composition, properties, indications and contraindications, preparation and filling techniques. Cements. Classification, composition, properties, indications and contraindications. Selecting a cement type in clinical practice. Preparation and filling techniques. Amalgam: pros and cons. Classification, composition, properties, indications and contraindications. Preparation and filling techniques.	2
5.	The concept of caries. Classification of lesion locations. Principles of cavity preparation. Specific aspects of cavity preparation according to Black's classification. Filling carious cavities. Selection of filling materials. Methods for restoring the anatomical shape of the tooth crown using filling materials.	2
Total hours per semester		14
semester 4		
1.	Endodontics at the propaedeutic stage. Stages of endodontic development. Endodontic instrumentation. Classification and purpose. Endodontic procedures and their selection depending on the pathology.	2
2.	Composition and properties, indications and contraindications for the use of filling materials for root canals.	2
3.	Root canal filling methods. Restoring damaged dental crowns using intracanal posts. Indications, contraindications, errors, and complications.	2
4.	Objective methods for quality control of root canal fillings. Bone tissue response to fillings. Errors in endodontic procedures.	2
Total hours per semester		8

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	Introduction to the specialty. Introduction to the department structure. Organization of the department (office) of the dental clinic. Sanitary and hygienic standards. Equipment of the dental office. Ergonomic principles of organizing the dentist's workplace. Working positions of the dentist during various manipulations on the upper and lower jaws. Safety in the clinic. Types and operating principles of dental units, turbines, micromotors, handpieces, burs. Turning on the drill, fixing the handpieces, adapting to the workplace. Rules for using instruments, methods of fixing burs in the handpiece. Care of instruments, dental units, handpieces. Concepts of asepsis and antisepsis. Disinfection. Requirements for sterilization, prevention of iatrogenic and infectious diseases (AIDS, hepatitis). Cross infection.	4
2	Clinical anatomy of teeth in relation to age (primary and permanent). Creation of 3D drawings of various groups of permanent teeth in the upper and lower jaws. Creation of all groups of permanent teeth of the upper and lower jaws from plasticine. Characteristics of teeth: crown angle, crown curvature, and root angle. Practical training – demonstration of practical skills.	4
3	Methods of examination of a dental patient. Deontology. Establishing rapport with	4

	the patient. Basic methods of examination. Questioning. Complaints. History of the disease. Past and concomitant diseases. Tolerability of medications. Allergic reactions. Examination. Skin, vermilion border, regional lymph nodes. Condition of teeth, dentition, periodontium, oral mucosa, vestibule depth. Bite. Palpation, percussion, probing of fissures, carious cavities, gingival groove. Determination of tooth mobility, compliance, pain sensitivity of the mucous membrane. Examination of patients with pathology of hard dental tissues, defects of the dentition. Dental formulas. Filling out an outpatient card. Deontological, scientific and legal aspects of its execution. (taking into account WHO recommendations).	
4	Semiology in dentistry. Basic principles of the diagnostic process. Preliminary and final diagnosis. Treatment plan development. Assessment of the functional state of the dentofacial system. Completing the medical history. Additional examination methods for dental patients: EOD, radiography, etc. Determination of hygiene indices.	4
5	The concept of periodontology. Examination of a patient with a disease of the oral mucosa, the periodontium. Determination of periodontal indices. Instruments, methods, and sequence for removing supragingival tartar on phantoms. Polishing the tooth surface after removing dental plaque. Splinting of loose teeth using wire and composite materials. Application of medications. Individual recommendations for oral care and selection of hygiene products.	4
6	Filling materials. Properties and requirements. Classification, indications, and contraindications. Filling materials for linings (therapeutic and insulating), temporary filling materials. Preparation methods. Cements and amalgams: classification, composition, properties, indications, contraindications, and preparation methods. Precautions when working with amalgam.	4
7	Chemically and light-cured composite materials, composition, and properties. Composite classification. Indications and contraindications for use, properties. Preparation methods. Adhesive systems, classification, application methods, and indications. Compomers.	4
8	Black's classification of carious cavities. General tooth preparation techniques. Abrasive materials. Cutting and grinding instruments. Methods of application. Practicing instrument handling techniques. Principles of cavity preparation. Medicinal preparation of a carious cavity before filling. Practical training – demonstration of practical skills.	4
9	Class V cavity preparation features. Class V cavity preparation using a phantom. Mastering the technique of filling class V cavities. Placement of a therapeutic and insulating lining, fillings made of cements, composites, and other filling materials. Practical training – demonstration of practical skills.	4
10	Class I cavity preparation. Class I cavity preparation using a phantom. Mastering the technique of filling class I cavities. Placement of a therapeutic and insulating lining, fillings made of cements, composites, and other filling materials. Sandwich technique. Practical training – demonstration of practical skills.	4
11	Class II cavity preparation. The importance of an additional pad. Preparation rules. Class II cavity preparation with additional pads, MOD (3 cavity types). Mastering the technique of filling class II cavities with cements, composites, and other filling materials. Use of a matrix holder, wedges, and creating a contact point. Practical training – demonstration of practical skills.	4
12	Class III cavity preparation. Class III cavity preparation (2 types). Preparation and placement of composite fillings. Finishing of fillings made of various materials: cements, composites, and other materials. Practical training – demonstration of practical skills.	4
13	Class IV cavity preparation. Parapulpal posts. 2 types of Class IV cavities. Preparation and placement of therapeutic, insulating linings, and composite fillings. Mastering filling techniques using matrices and caps.	4

14	Final lesson.	2
	Total hours per semester	64
semester 4		
1	Types of local anesthesia, local anesthetics, and medications used for local and general anesthesia. Complications of local anesthesia. Diagnosis, treatment, and prevention.	4
2	Trepanning the crown of an intact tooth, opening the tooth cavity, applying arsenic paste, painkillers, and a temporary filling.	4
3	Endodontics . Opening a tooth cavity. A technique for opening the cavity of various groups of teeth (incisors, canines, premolars, molars).	4
4	Endodontic instrumentation. Classification, standardization, coding, purpose, and methods of use.	4
5	Medicinal root canal treatment. Isolation methods for the working field. Use of ultrasound in endodontics.	4
6	Root canal instrumentation techniques: standard technique, step - back , crown - down , and other methods. Practical training – demonstration of practical skills.	4
7	Impregnation methods of root canal treatment: indications, contraindications, application methods.	4
8	Root canal filling materials. Root canal obturation tools and techniques.	4
9	Unsealing root canals and sealing perforations with calcium-containing preparations. Errors during endodontic procedures. Methods for their prevention and elimination.	4
10	Restoring teeth after endodontic treatment. Methods of tooth reinforcement (pins, fiberglass). A credit lesson.	4
	Total hours per semester	40

4.2.3. Students' selfwork

№	Name of the section of the academic discipline (module)	Types of Selfwork	Total hours
1	3	4	5
semester 3			
1	Methods of examining a dental patient. Deontology. Establishing rapport with the patient. Basic examination methods. Questioning. Complaints. History of the disease. Past and concomitant illnesses. Medication tolerance. Allergic reactions. Inspection. Skin, vermilion border, regional lymph nodes. Condition of teeth, dentition, periodontium, oral mucosa, vestibule depth. Bite. Assessment of the patient's oral hygiene. Palpation, percussion, probing of fissures , carious cavities, gingival groove. Determination of tooth mobility, compliance, pain sensitivity of the mucous membrane. Examination of patients with pathology of hard dental tissues, dentition defects, filling out an outpatient card.	written report on selected topics for classes, preparation for current certification	8
2	Clinical anatomy of teeth in relation to age (temporary and permanent). Creation of three-dimensional drawings of various tooth groups. Rules for using instruments, methods for fixing burs in the handpiece, and preparing patterns with various burs on plastic plates.		8
3	Black's classification of carious cavities. General tooth preparation techniques. Abrasive materials. Cutting and		7

	grinding instruments. Methods of application. Practicing instrument handling techniques. Principles of cavity preparation.		
4	Radiographic examination methods. Types. Methods and their characteristics. Radiography of periapical tissues .		7
5	Additional methods for examining a dental patient (electronic imaging, radiography, etc.). Completing an outpatient card. Completing an outpatient card. Ethical , scientific, and legal aspects of its preparation.		7
6	Root canal filling materials. Filling methods (pastes, cements, pins). Root canal filling technique for single-root teeth using a root canal needle and canal filler.		7
	Total hours per semester		44
semester 4			
1	Preparation in endodontic treatment. Principles.		4
2	Medicinal and instrumental root canal treatment of single-root teeth (incisors, canines), filling with paste and pins. Placement of a permanent filling.		4
3	Instrumental and medicinal treatment of root canals in multi-rooted teeth. Specifics of impregnation methods and root canal filling.	written report on selected topics for classes, preparation for current certification	4
4	Unsealing of root canals, closing of perforations with calcium-containing preparations.		6
5	Errors in endodontic procedures. Methods for their prevention and elimination.		6
	Total hours per semester		24

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.	Nikolaev, A. I. Practical therapeutic dentistry: textbook . p individual	A. I. Nikolaev, L. M. Tsepov	M .: MEDpress-inform, 2022. - 925, [3] p.	23
2.	Propaedeutics of dental diseases: textbook [Electronic resource]	Yanushevich O.O., Bazikyan E.A., Chunikhin A.A. [etc.]	M .: GEOTAR-Media, 2020. - 800 p. - URL: https://www.studentlibrary.ru/	Unlimited
3.	Preclinical course of dentistry. Part III. Endodontology	Edited by A. V. Sevbitov , A. E. Dorofeev	M .: GEOTAR-Media, 2025. - 168 p. - EBS “Student Consultant”	Unlimited
4.	Introduction to Dentistry	AV Sevbitov	M .: GEOTAR-Media, 2018. - 96 p. - EBS “Student Consultant”	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.	Cariesology and diseases of hard dental tissues: textbook . special for universities	A. A. Britova	M .: Yurait Publishing House , 2021. - 252 p. URL: https://www.urait.ru	Unlimited
2.	Dentistry. Endodontics : A Textbook for Universities	A. A. Britova	M .: Yurait Publishing House , 2021. - 198 p. URL: https://www.urait.ru	Unlimited
3.	Medical record of a dental patient (recording and maintenance): textbook . p individual	edited by S. Yu. Ivanov, S. N. Razumova	Moscow : GEOTAR-Media, 2024. - 144 p. URL: http://studentlibrary.ru	Unlimited
4.	Dental materials science: textbook	edited by SN Razumova	M .: GEOTAR-Media, 2025. - 168 p. - EBS "Student Consultant"	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://tgm.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 \(tgm.ru\)](http://tgm.ru)



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 \(tgm.ru\)](http://tgm.ru)



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 "Propaedeutics of therapeutic 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 "Propaedeutics of therapeutic 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 "Propaedeutics of therapeutic dentistry" Conducting events that promote the development of civil and legal culture (round tables, debates, discussions Short, timely disputes during special events	Portfolio
	Hidden The discipline "Propaedeutics of therapeutic dentistry" Focusing on general civil value orientations and legal culture Conscious civic position in the implementation of professional activities	
Social values	Open Discipline "Propaedeutics of therapeutic 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 "Propaedeutics of therapeutic dentistry" Identification in the social structure when obtaining education and carrying out professional activities	