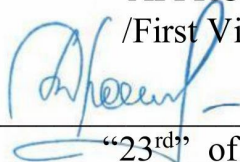


Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Стегний Кирилл Владимирович
Должность: И.о. ректора
Дата подписания: 25.09.2026 05:37:43
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**Federal State Budget Educational Institution
of Higher Education
"Pacific State Medical University"
of the Ministry of Health of the Russian Federation**

APPROVED BY

/First Vice-Rector

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

THE COURSE (MODULE) OUTLINE

B1.C.44 INTERNAL DISEASES

(name of the discipline (module))

Specialization

31.05.03 Dentistry for international
students

Level of training

specialty

Focus of training

02 Healthcare
(in the field of providing medical care for dental
diseases)

The form of education

full-time

Completion period

5 years

Institute/Chair

Institute of Therapy and Instrumental
Diagnostics

Vladivostok, 2026

When developing the working program of the discipline module B1.C.44 Internal Medicine is based on:

- 1) Federal State Educational Standard for 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 of the discipline was developed by the team of the department / institute (name of the structural unit) 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 Institute of Therapy and Instrumental Diagnostics, Professor, Doctor of Medical Sciences V.A. Nevzorova

Developers:

Associate Professor
(current position)

PhD in Medicine
(academic degree, academic title)

J.V. Bondareva
(Full name)

Associate Professor
(current position)

PhD in Medicine
(academic degree, academic title)

E.S. Potapova
(Full name)

1. GENERAL PROVISIONS

1.1. The purpose and objectives of mastering the discipline B1.C.44 Internal diseases

Target mastering the discipline: developing in students majoring in 31.05.03 Dentistry the competencies necessary to perform the work functions of a dentist; developing knowledge of the etiology, pathogenesis, patterns of development of the main diseases of internal organs and clinical manifestations of these diseases from the maxillofacial region and the oral mucosa.

At the same time **tasks** the disciplines are to form the necessary knowledge and skills in the main sections of internal diseases:

- ~ formation of general ideas about the etiology, pathogenesis, clinical picture, methods of diagnosis and treatment of diseases of internal organs;
- ~ development of skills in diagnosing diseases of internal organs and clinical manifestations of these diseases from the maxillofacial region and the oral mucosa;
- ~ development of skills in the medical use of drugs and their combinations when solving professional problems.

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

Discipline B1.C.44 Internal Medicine is a mandatory part of the main educational program of higher education in the specialty 31.05.03 Dentistry for the preparation of foreign students (network English-language program for China), focused on 02 Healthcare (in the field of providing medical care for dental diseases) and is studied in 3-4 semesters.

3. PLANNED LEARNING OUTCOMES FOR THE DISCIPLINE (MODULE)

3.1. Mastering the discipline B1.C.44 Internal diseases is aimed at developing students' competencies. The discipline ensures the development of students' competencies, depending on the types of tasks of professional activity.

Name of the category (group) of competencies	Code and name of competence	Indicators of Competence Achievement (ICA)
General professional competencies		
Diagnosis and treatment of diseases	GPC (general professional competence)-5. Capable of conducting a patient examination to establish a diagnosis when solving professional problems	ICA. GPC -51 - conducts examination of the patient using general clinical, laboratory, special instrumental methods ICA. GPC -52 - preliminarily evaluates the somatic condition of all organs and systems to decide on the absence of contraindications for complex and reconstructive dental procedures ICA.O GPC -53 - evaluates the results of the examination conducted in order to establish a diagnosis
	GPC-6. Capable of prescribing, monitoring the effectiveness and safety of non-drug and drug treatment when solving professional problems	ICA. GPC -61 - independently prescribes treatment, determines dosages of drugs and regimens of drug therapy and non-drug measures in accordance with existing recommendations ICA. GPC -62 - monitors the effectiveness of the therapy, adjusts the prescribed treatment regimens if necessary, uses different forms of drugs taking into account the specifics of dental treatment ICA. GPC -63 - takes into account contraindications when prescribing treatment,

		determines and identifies adverse events when taking and using medications
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3.2. Types of professional activities, based on those formed during the implementation of
B1.C.44 Internal diseases competencies:

Type of professional activity

1. Medical

Types of professional tasks

1. Diagnostic activity

2. Therapeutic activities

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	
		4	5
		hours	hours
1	2	3	4
Classroom classes (total), including:	180	90	90
Lectures	36	18	18
Practical exercises	144	72	72
Independent work of the student, including:	108	54	54
Preparation for classes (PC)	48	24	24
Preparation for routine control (PRC)	40	20	20
Preparation for midterm examination (PME)	20	10	10
Midterm Examination	36		36
Type of midterm examination	Credit (S)		
	Exam (S)	Exam	Exam
Total: Overall labor intensity	hour.	324	144
	Cr	9	4
			5

4.2. Content of the discipline **B1.C.44 Internal diseases**

4.2.1. Lecture topics and the number of hours per semester of study of the discipline **B1.C.44 Internal diseases**

№	Lecture topics	Hours
1	2	3
4 semester		
1.	Diseases of the stomach and duodenum in the practice of a dentist. Main clinical syndromes, methods of patient examination. General principles of drug therapy.	2
2.	Chronic pancreatitis in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	2
3.	Chronic bowel diseases in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	2
4.	Arterial hypertension in the practice of a dentist. Main clinical syndromes, methods of patient examination. General principles of drug therapy. Emergency conditions in arterial hypertension: hypertensive crisis. Issues of medical care.	2
5.	Stable course of ischemic heart disease in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	2
6.	ST-elevation myocardial infarction in the practice of a dentist. Diagnostic algorithms. Medical tactics. Issues of providing medical care.	2
7.	ACS without ST elevation in the practice of a dentist. Diagnostic algorithms. Medical tactics. Issues of providing medical care.	2
8.	Heart rhythm disorders: atrial fibrillation in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	2
9.	Chronic heart failure in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles. Prediction of the risk of developing cardiovascular complications.	2

	Total hours per semester	18
5 semester		
1.	Dental manifestations in rheumatic diseases and systemic connective tissue diseases. The concept of systemic connective tissue diseases. Sjogren's syndrome. Main clinical syndromes, methods of patient examination. General principles of drug therapy.	2
2.	Osteoarthritis in the practice of a dentist. Main clinical syndromes, methods of patient examination. General principles of drug therapy.	2
3.	Community-acquired pneumonia in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	2
4.	COPD in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	2
5.	Bronchial asthma in the practice of a dentist. Main clinical syndromes, methods of patient examination. General principles of drug therapy.	2
6.	Respiratory failure (RF) in the practice of a dentist. Diagnostic algorithms. Medical tactics.	2
7.	Anemia in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	2
8.	Urinary tract infections. Main clinical syndromes, methods of patient examination. Treatment principles.	2
9.	CKD in the practice of a dentist. Risk factors. Main clinical syndromes, methods of patient examination. Treatment principles.	2
	Total hours per semester	18

3.2.2. Topics of practical classes and the number of hours per semester of study of the discipline B1.C.44 Internal diseases

№	Practical classes' topics	Hours
1	2	3
4 semester		
1.	Basic methods of clinical examination of a patient with diseases of internal organs. Questioning the patient as a method of examination. History of the disease and life, diagnostic value. Physical examination of the patient as a method of examination; general and special examination of the patient. Plan of examination of the patient, symptoms revealed during examination, their diagnostic value.	6
2.	Functional dyspepsia. Main clinical syndromes, methods of patient examination. General principles of drug therapy.	6
3.	Chronic gastritis. Main clinical syndromes, methods of patient examination. General principles of drug therapy.	6
4.	Ulcer disease. Main clinical syndromes, methods of patient examination. General principles of drug therapy.	6
5.	Chronic pancreatitis in the practice of a dentist. Main clinical syndromes, methods of patient examination. General principles of drug therapy.	6
6.	Chronic bowel diseases in the practice of a dentist. Irritable bowel syndrome. Main clinical syndromes, methods of patient examination. General principles of drug therapy.	6
7.	Arterial hypertension in the practice of a dentist. Main clinical syndromes, methods of patient examination. General principles of drug therapy. Emergency conditions in arterial hypertension: hypertensive crisis.	6
8.	Stable course of ischemic heart disease in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	6

9.	ACS without ST elevation in the practice of a dentist. Diagnostic algorithms. Medical tactics. Issues of providing medical care.	6
10.	ST-elevation myocardial infarction in the practice of a dentist. Diagnostic algorithms. Medical tactics. Issues of providing medical care.	6
11.	Heart rhythm disorders: atrial fibrillation. Main clinical syndromes, methods of patient examination. General principles of drug therapy.	6
12.	Chronic heart failure in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles. Prediction of the risk of developing cardiovascular complications.	
	Total hours per semester	72
5 semester		
1.	Dental manifestations in rheumatic diseases and systemic diseases of connective tissue. Main clinical syndromes, methods of patient examination. General principles of drug therapy.	6
2.	Osteoarthritis in the practice of a dentist. Main clinical syndromes, methods of patient examination. General principles of drug therapy.	6
3.	Community-acquired pneumonia in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	6
4.	Broncho-obstructive syndrome in the practice of a dentist. Mechanisms of bronchial obstruction. Phenotypes of broncho-obstructive syndrome. Diagnostic methods.	6
5.	COPD in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	6
6.	Bronchial asthma in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	6
7.	Respiratory failure (RF) in the practice of a dentist. Diagnostic algorithms. Medical tactics.	6
8.	Anemia in the practice of a dentist. Anemic syndrome, diagnostic methods. Patient examination methods. Treatment principles.	6
9.	Iron deficiency anemia in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	6
10.	Vitamin B-12 deficiency anemia and folate deficiency anemia in the practice of a dentist. Main clinical syndromes, methods of patient examination. Treatment principles.	6
11.	Urinary tract infections. Main clinical syndromes, methods of patient examination. Treatment principles.	6
12.	CKD in the practice of a dentist. Risk factors and prevention methods. Main clinical syndromes, methods of patient examination. Treatment principles.	6
	Total hours per semester	72

4.2.3. Students' selfwork

№ п/п	Name of the section of the academic discipline (module)	Types of Selfwork	Total hours
1	2	3	4
3 semester			
1.	Diseases of the digestive system	Preparation for classes. Preparation for current control. Preparation for midterm control.	24
2.	Diseases of the circulatory system	Preparation for classes. Preparation for	30

		current control. Preparation for midterm control.	
	Total hours per semester		54
4 semester			
1.	Rheumatological diseases	Preparation for classes. Preparation for current control. Preparation for midterm control.	12
2.	Respiratory diseases	Preparation for classes. Preparation for current control. Preparation for midterm control.	18
3.	Blood diseases	Preparation for classes. Preparation for current control. Preparation for midterm control.	12
4.	Kidney diseases	Preparation for classes. Preparation for current control. Preparation for midterm control.	12
	Total hours per semester		54

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

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

B1.C.44 Internal diseases

Basic literature

№	Name, type of resource	Author(s) /Editor	Imprint, email address	Number of copies (accesses) in BIC
1	2	3	4	5
1.	Internal Diseases : Textbook in 2 Vols. Vol. I	edited by A. I. Martynov, Z. D. Kobalava, S. V. Moiseev.	Moscow : GEOTAR-Media, 2022. - 688 с. - ISBN 978-5-9704-6766-4. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : https://www.studentlibrary.ru/book/ISBN9785970467664.html	Unlimited access
2.	Internal Diseases : Textbook in 2 Vols. Vol. II	edited by A. I. Martynov, Z. D. Kobalava, S. V. Moiseev.	Moscow : GEOTAR-Media, 2022. - 616 с. - ISBN 978-5-9704-6767-1. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : https://www.studentlibrary.ru/book/ISBN9785970467671.html	Unlimited access

3.	Внутренние болезни для стоматологов : учебник - [Электронный ресурс]	под ред. Е. В. Ших, В. Н. Дроздова	Москва : ГЭОТАР-Медиа, 2023. - 456 с. - ISBN 978-5-9704-7229-3, DOI: 10.33029/9704-7229-3-IDD-2023-1-456. - Электронная версия доступна на сайте ЭБС "Консультант студента" : [сайт]. URL: https://www.studentlibrary.ru/book/ISBN9785970472293.html	Неогр. д.
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Additional literature

№	Наименование, тип ресурса	Автор(ы) /редактор	Выходные данные, электронный адрес	Кол-во экз. (доступов) в БИЦ
1	2	3	4	5
1.	Внутренние болезни для стоматологов : рабочая тетрадь для подготовки к практическим занятиям : учебное пособие	под ред. Е. В. Ших, В. Н. Дроздова	Москва : ГЭОТАР-Медиа, 2024. - 192 с. - ISBN 978-5-9704-8259-9, DOI: 10.33029/9704-8259-9-IMD-2024-1-192. - Электронная версия доступна на сайте ЭБС "Консультант студента" : [сайт]. URL: https://www.studentlibrary.ru/book/ISBN9785970482599.html	Unlimited access
2.	Избранные лекции по нормальной физиологии = Selected Lectures on Normal Physiology : учебное пособие на русском и английском языках [Электронный ресурс].	М. М. Лапкин (М. М. Lapkin), Е. А. Трутнева (Е.А. Trutneva).	Москва : ГЭОТАР-Медиа, 2019. - 540 с. URL: http://www.studentlibrary.ru	Unlimited access
3.	Внутренние болезни. В2 т. Т.1: учебник /3-е изд., испр. и доп.(электронный ресурс)	В.С. Моисеев, Мартынов А.И., Мухин Н.А.	Москва : ГЭОТАР-Медиа, 2019. URL: http://www.studentlibrary.ru	Unlimited access
4.	Внутренние болезни. В2 т. Т. 2.: учебник / - 3-е изд., испр. и доп.(электронный ресурс)	В.С. Моисеев, Мартынов А.И., Мухин Н.А.	М. : ГЭОТАР-Медиа, 2019. URL: http://www.studentlibrary.ru	Unlimited access

5.	Внутренние болезни. Тесты и ситуационные задачи (электронный ресурс)	В.И. Маколкин, В.А. Сулимов, С.И. Овчаренко и др.	М. : ГЭОТАР-Медиа, 2014. URL: http://www.studentlibrary.ru	Unlimited access
6.	Диагноз при заболеваниях внутренних органов. Формулировка, классификации (электронный ресурс)	под. ред. В. А. Ахмедова	М. : ГЭОТАР-Медиа, 2018. URL: http://www.studentlibrary.ru	Unlimited access

Online resources

1. EBS «Student Consultant» <http://studmedlib.ru/>
2. EBS «University Library online» <http://www.biblioclub.ru/>
3. EBS Yurayt <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://tgmu.ru/university/bibliotechno-informacionnyj-centr/resursy-bic/sobstvennye/>

Online resources and instructions for their use are available on the Library and Information Center page [Библиотечно-информационный центр — ТГМУ \(tgmu.ru\)](https://tgmu.ru)



5.2. Logistical 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 \(tgmu.ru\)](https://tgmu.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 disabilities, on the basis of a written application, the discipline is implemented taking into account the characteristics of psychophysical development, individual capabilities and health state (hereinafter referred to as individual characteristics). The following general requirements are presented: the use of special technical training facilities for collective and individual use, the provision of the services of an assistant who provides such students with the necessary technical assistance, access to buildings and premises where classes are held, and other conditions without which it is impossible or difficult to study the discipline.

6.2. Ensuring compliance with general requirements

When implementing the discipline, the following general requirements are provided on the basis of a written application from the student: conducting classes for students with disabilities and people with disabilities in the same classroom with students without disabilities, if this does not create difficulties for students; the presence in the classroom of an assistant (assistants) who provides students with the necessary technical assistance taking into account their individual characteristics; the use of technical means necessary for students, 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 PSMU of the Ministry of Health of the Russian Federation.

All local regulations of the Federal State Budgetary Educational Institution of Higher Education PSMU of the Ministry of Health of the Russian Federation on the implementation of the discipline (module) are brought to the attention of students with disabilities 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 the current and interim certification in the discipline for students with disabilities and persons with disabilities is established taking into account individual psychophysical characteristics (orally, in writing on paper, in writing 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 composition of scientific and pedagogical staff who ensure the implementation of the educational process in the discipline meets the requirements of the Federal State Educational

Standard for Higher Education in the specialty 31.05.03 Dentistry for international students (online educational program, language of instruction is English, by People's Republic of China) and is posted on the educational organization's website.

[Информация о персональном составе педагогических работников каждой реализуемой образовательной программы Федерального государственного бюджетного образовательного учреждения высшего образования «Тихоокеанский государственный медицинский университет» Министерства здравоохранения Российской Федерации \(tgmu.ru\)](#)



8. EDUCATIONAL WORK IN THE IMPLEMENTATION OF DISCIPLINE

B1.C.44 Internal diseases

Type of educational work	Forms and directions of educational work	Evaluation criteria
Help in personal development	Open Conversations and problematic debates on the promotion of a healthy lifestyle. Participation in interdepartmental conferences on the formation of a culture of healthy lifestyle, development of the ability to maintain and improve health.	Portfolio
	Hidden – creating atmosphere, infrastructure Discipline Formation of a culture of healthy lifestyle, 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 Conducting events that promote the development of civil and legal culture (round tables, debates, discussions). Short, topical debates when special events occur.	Portfolio
	Hidden Focusing on general civil value orientations and legal culture. A conscious civic position in the implementation of professional activities.	
Social values	Open 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 Identification in the social structure when receiving education and carrying out professional activities.	