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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

Director of the Institute of Therapy (Internal
Medicine) and Instrumental Diagnostics

_____/ Nevzorova V.A
"2nd" of April 2026

SUBJECT GUIDE FOR TEACHERS AND STUDENTS FOR

B1.C.52 Evidence-based medicine in outpatient practice

(Name of discipline)

Specialty

**31.05.01 General Medicine (English-
language program)**

(code, name)

Degree

Specialist's degree

Profile

02 "Healthcare"

(in the field of providing primary health care to the
population in medical organizations: polyclinics,
outpatient clinics, inpatient/outpatient facilities of the
municipal health care system)

Mode of study

Full-time

Period of mastering the BEP

6 years

(nominal length of study)

Institute

of Therapy (Internal Medicine) and
Instrumental Diagnostics

Subject guide for teachers and students for **B1.C.52 Evidence-based medicine in outpatient practice** is based on:

1) Federal State Educational Standard of Higher Education for the specialty approved by the Order No. 988 of Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020.

2) Curriculum for the 31.05.01 General Medicine (English-language program), profile 02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system), 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.

Subject guide for teachers and students for **B1.C.52 Evidence-based medicine in outpatient practice** was developed by the writing team of the Institute of Therapy (Internal Medicine) and Instrumental Diagnostics of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of the director of the Institute, Doctor of Medical Sciences, Professor Nevzorova V.A.

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1. GENERAL PROVISIONS

Subject guide for **B1.C.52 Evidence-based medicine in outpatient practice** is a set of recommendations and explanations that facilitate to optimal organization of mastering this discipline.

Regular analysis of lecture materials and work with end-of-the-text questions are necessary for better understanding of the material and systematization of knowledge of **B1.C.52 Evidence-based medicine in outpatient practice**. Particular attention should be paid to emerging questions, confusing terms, and conflicts of points of view during the independent review of the lecture material. If necessary, a student should contact the teacher for advice. Lecture material streamlines students' thinking, while practical classes provide deeper insight into the material of the discipline.

Special attention should be paid to the content of the main provisions and conclusions, explanation of phenomena and facts, and clarification of the practical application of theoretic aspects of topic when preparing for a practical class. During this process students should aim to understand and remember the main provisions of the material under consideration, examples provided, as well as understand the illustrative material.

Collections of assessment tools are used to organize independent study of topics of **B1.C.52 Evidence-based medicine in outpatient practice**.

Independent work of students is facilitated by the following:

1. availability and accessibility of the necessary educational and reference material;
2. a system of regular quality control of completed independent work;
3. availability of teacher's advice.

Subject guides for self-study are presented as literary sources. Subject guides for independent work of students include a list of library resources of the educational institution and other materials accessible to students.

Independent work is a type of in-person extracurricular work of teachers and students of **B1.C.52 Evidence-based medicine in outpatient practice**. Control of independent work is conducted by the leading teacher. Evaluation of independent work results is taken into account when conducting interim examination of students throughout the **B1.C.52 Evidence-based medicine in outpatient practice** course.

Continuous assessment during **B1.C.52 Evidence-based medicine in outpatient practice** course is implemented in order to check indicators of achieving competencies, to stimulate students' academic work, and improve methods of mastering new knowledge. Continuous assessment during **B1.C.52 Evidence-based medicine in outpatient practice** course is conducted during the semester to assess all types and sections of the academic discipline that encompass the competencies developed by the discipline: classroom questioning, conducting discussions, working with tests, preparing reports. Continuous assessment of students' knowledge and results of their preparation for practical classes is conducted during every class session.

Interim assessment aims to determine the level of mastery of competency indicators. It is conducted in the test format after the student has mastered all sections of **B1.C.52 Evidence-based medicine in outpatient practice** and takes into account learning outcomes for all types of student work over the entire period of mastering **B1.C.52 Evidence-based medicine in outpatient practice** course.

Time allotted for interim assessment is indicated in the schedule.

Assignments given during practical classes, as well as assignments aimed to prepare students for continuous and interim assessment, are included in the collection of assessment tools for **B1.C.52 Evidence-based medicine in outpatient practice**. If necessary, students should contact the teacher for advice. It is necessary to thoroughly think over questions that need clarification before seeking teacher's advice.

2. SUBJECT GUIDES FOR LECTURE CLASSES

Table 1. Subject Guides for **B1.C.52 Evidence-based medicine in outpatient practice**
Lectures

Topic No.1 Aspects of providing medical care to patients with CHF within the scope of evidence based medicine	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. increase the level of knowledge on the diagnosis and treatment of chronic heart failure from the standpoint of evidence-based medicine, based on the main provisions of the clinical recommendations "Chronic heart failure".	
Lecture plan, order of presentation of its sections: - Current clinical guidelines for the diagnosis and treatment of chronic heart failure (CHF) - Etiology, pathogenesis and epidemiology of CHF, evidence base for the main provisions of the etiology and epidemiology of CHF - Classification of CHF - The clinical picture of CHF, the frequency of occurrence of the main symptoms of CHF, their sensitivity and specificity - Diagnostic methods with an emphasis on the level and strength of evidence of each diagnostic method proposed in the clinical guidelines - Treatment: conservative, including in various clinical situations and in special groups with justification of the level and strength of evidence of the proposed treatment tactics - Surgical and other methods of treatment - Prevention and organization of medical care for patients with CHF, based on a thorough analysis of scientific and medical and evidence-based data - Criteria for the quality of medical care	
Recommended literature 1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: http://www.studentlibrary.ru://www.studentlibrary.ru 2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian):. http://biblioclub.ru 3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru	
Topic No.2 Interstitial lung diseases (ILD), patient management tactics within the scope of evidence based medicine	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. increase the level of knowledge on the diagnosis and treatment of ILD from the standpoint of evidence-based medicine, based on the main provisions of the clinical recommendations "Idiopathic pulmonary fibrosis".	
Lecture plan, order of presentation of its sections: - Relevance of interstitial lung diseases, classification - Criteria for diagnosis, differential diagnosis of interstitial lung diseases - Relevance of idiopathic pulmonary fibrosis as a special form of chronic progressive fibrosing interstitial pneumonia of unknown etiology, based on the provisions of clinical recommendations	

- The clinical picture of CHF, the frequency of occurrence of the main symptoms of CHF, their sensitivity and specificity
- Diagnostic methods with an emphasis on the level and strength of evidence of each diagnostic method proposed in the clinical guidelines
- Treatment, including drug and non-drug therapies, diet therapy, pain relief, medical indications and contraindications to the use of treatment methods, with justification for the level of persuasiveness of recommendations
- Prevention and organization of medical care for patients with IPF, based on a thorough analysis of scientific and medical and evidence-based data
- Criteria for the quality of medical care

Recommended literature

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.3 Aspects of providing medical care to patients with COPD within the scope of evidence based medicine

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. improve knowledge of COPD diagnosis and treatment from the standpoint of evidence-based medicine, based on the main provisions of the clinical guidelines "Chronic obstructive pulmonary disease".

Lecture plan, order of presentation of its sections:

- Relevance of COPD
- Classification of COPD, features of classification of COPD in Russian clinical guidelines
- Etiology, risk factors for COPD, based on the provisions of clinical recommendations
- The clinical picture of COPD, the frequency of occurrence of the main symptoms of COPD, their sensitivity and specificity, based on a thorough analysis of scientific and medical data and evidence base
- Diagnostic methods with an emphasis on the level and strength of evidence of each diagnostic method proposed in the clinical guidelines
- Treatment, including drug and non-drug therapies, diet therapy, medical indications and contraindications to the use of treatment methods, with justification for the level of persuasiveness of recommendations
- Prevention and organization of medical care for patients with COPD, based on a thorough analysis of scientific and medical and evidence-based data
- Criteria for the quality of medical care

Recommended literature

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian

Topic No.4 Aspects of providing medical care to patients with BA within the scope of evidence based medicine

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. improve knowledge of the diagnosis and treatment of asthma from the standpoint of evidence-based medicine, based on the main provisions of the clinical guidelines "Bronchial asthma".

Lecture plan, order of presentation of its sections:

- Current clinical guidelines for the diagnosis and treatment of asthma
- Criteria for making a diagnosis, differential diagnosis of asthma
- Relevance, etiology, risk factors, and AD triggers based on the clinical guidelines for AD
- The clinical picture, frequency of occurrence of the main symptoms of AD, their sensitivity and specificity, based on a thorough analysis of scientific and medical data and evidence base
- Methods for the diagnosis of AD with an emphasis on the level and strength of evidence of each diagnostic method proposed in the clinical guidelines
- Medical methods of AD therapy, concepts of step-by-step therapy of the disease, medical indications and contraindications to the use of treatment methods with justification of the levels of persuasiveness of recommendations
- Prevention and organization of medical care for patients with asthma, based on a thorough analysis of scientific and medical and evidence-based data
- Criteria for the quality of medical care

Recommended literature

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru//www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.5 Community-acquired pneumonia. Patient management tactics within the scope of evidence based medicine

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. increase the level of knowledge on the diagnosis and treatment of community-acquired pneumonia from the standpoint of evidence-based medicine, based on the main provisions of the clinical recommendations "Community-acquired pneumonia in adults".

Lecture plan, order of presentation of its sections:

- Current clinical guidelines for the diagnosis and treatment of community-acquired pneumonia (CAP)
- Relevance, etiology and epidemiology of the main and actual causative agents of CAP, obtained by careful analysis of scientific and medical data and evidence base
- Criteria for diagnosis, differential diagnosis of pneumonia
- The clinical picture, frequency of occurrence of the main symptoms of CAP, their sensitivity and specificity, based on a thorough analysis of scientific and medical data and evidence base

- Methods for the diagnosis of CAP with an emphasis on the level and strength of evidence of each diagnostic method proposed in the clinical guidelines
- Antibacterial therapy of CAP, approaches to ranking patients using scales for assessing the severity of the disease, medical indications and contraindications to the use of treatment methods, with justification for the levels of persuasiveness of recommendations
- Prevention and organization of medical care for patients with CAP, based on a thorough analysis of scientific and medical and evidence-based data
- Criteria for the quality of medical care

Recommended literature

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.6 Aspects of providing medical care to patients with diseases of the stomach and esophagus within the scope of evidence based medicine

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. increase the level of knowledge on the diagnosis and treatment of major diseases of the stomach and esophagus (gastroesophageal reflux disease (GERD), gastritis, peptic ulcer (PU) from the standpoint of evidence-based medicine, based on the main provisions of the clinical recommendations "Gastritis and duodenitis", "Peptic Ulcer disease", as well as the Recommendations of the Russian Gastroenterological Association for the Diagnosis and Treatment of gastroesophageal reflux disease.

Lecture plan, order of presentation of its sections:

- Relevance of GERD (general concepts)
- Pathophysiology of the disease: antireflux protection and aggression factors.
- Modern classification of GERD, diagnosis of GERD, Treatment principles and prevention issues from the perspective of the Russian Gastroenterological Association's Recommendation for the Diagnosis and Treatment of gastroesophageal reflux disease
- Gastric ulcer, methods for the diagnosis of PU, including the diagnosis of Helicobacter pylori infection, drug treatment of peptic ulcer associated with Helicobacter pylori and drug treatment of peptic ulcer not associated with Helicobacter pylori from the position of clinical recommendations
- Chronic gastritis-definition of the concept, classification, phenotypes, diagnostic methods, treatment principles regulated by the clinical guidelines "Gastritis and duodenitis"

Recommended literature

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.7 Aspects of providing medical care to patients with stable angina pectoris within the scope of evidence based medicine

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. increase the level of knowledge on the diagnosis and treatment of stable coronary heart disease from the standpoint of evidence-based medicine, based on the main provisions of the clinical recommendations "Stable coronary heart disease".

Lecture plan, order of presentation of its sections:

- Current recommendations for the diagnosis and treatment of stable CHD
- Comments on the features of statistical coding of CHD
- Modifiable and unmodifiable risk factors for CHD development. Classification of stable course of CHD
- Clinical picture of the stable course of CHD, the frequency of occurrence of the main symptoms of CHD, their sensitivity and specificity, based on a thorough analysis of scientific and medical data and evidence base
- Laboratory and instrumental methods for the diagnosis of stable CHD, including specific methods for the diagnosis of CHD and the choice of method depending on the PTV of CHD and modifying factors, based on a thorough analysis of scientific and medical data and evidence base
- Pre-test probability (PTP) of CHD diagnosis depending on gender, age, and type of chest pain
- Drug principles for the treatment of stable CHD, with justification for the levels of persuasiveness of recommendations. Recommendations for the type of revascularization (coronary artery bypass surgery (CABS) or percutaneous intervention (PCI) in patients with CHD)
- Medical rehabilitation, medical indications and contraindications to the use of rehabilitation methods. Prevention and follow-up

Recommended literature

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru//www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.8 Aspects of providing medical care to patients with hypertension within the scope of evidence based medicine

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. increase the level of knowledge on the diagnosis and treatment of stable coronary heart disease from the standpoint of evidence-based medicine, based on the main provisions of the clinical recommendations "Arterial hypertension in adults".

Lecture plan, order of presentation of its sections:

- Modern clinical guidelines for hypertension, the principle of building recommendations
- Diagnostic criteria, risk stratification, and target organ involvement

- The clinical picture of the disease, the frequency of occurrence of the main symptoms of hypertension, their sensitivity and specificity, based on a thorough analysis of scientific and medical data and evidence base
- Diagnostic methods with an emphasis on the level and strength of evidence of each proposed method for the diagnosis of hypertension in clinical guidelines
- Treatment, including drug and non-drug therapies, diet therapy, medical indications and contraindications to the use of hypertension treatment methods, with justification for the level of persuasiveness of recommendations
- Prevention and organization of medical care for patients with hypertension, based on a thorough analysis of scientific and medical and evidence-based data

Recommended literature

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.9 Aspects of providing medical care to patients with prediabetes and type II DM within the scope of evidence based medicine

Duration of the lecture (in academic hours):

2

Purpose of the lecture:

1. increase the level of knowledge on the diagnosis and treatment of stable coronary heart disease from the standpoint of evidence-based medicine, based on the main provisions of the clinical recommendations "Type 2 diabetes in adults".

Lecture plan, order of presentation of its sections:

- Modern clinical guidelines for type 2 diabetes, the principle of building recommendations
- DM2 as a disease with a complex multifactorial pathogenesis from the point of view of the clinical recommendations "Type 2 diabetes mellitus in adults"
- Criteria for diagnosis, the clinical picture of the disease, the frequency of occurrence of the main symptoms of type 2 diabetes, their sensitivity and specificity, based on a thorough analysis of scientific and medical data and evidence base
- Diagnostic methods with an emphasis on the level and strength of evidence of each method of diagnosis of type 2 diabetes proposed in the clinical guidelines
- Treatment, including drug and non-drug therapies, diet therapy, medical indications and contraindications to the use of methods of treating type 2 diabetes, with justification for the level of persuasiveness of recommendations
- Prevention and organization of medical care for patients with type 2 diabetes, based on a thorough analysis of scientific and medical and evidence-based data

Recommended literature

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.10 Cardiomyopathy. Patient management tactics within the scope of evidence based medicine	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. increase the level of knowledge on the diagnosis and treatment of stable coronary heart disease from the standpoint of evidence-based medicine, based on the main provisions of the clinical recommendations "Hypertrophic cardiomyopathy".	
Lecture plan, order of presentation of its sections: - Relevance of the issue of cardiomyopathies - HCM as a genetically determined pathology, concepts about the molecular pathogenesis of HCM, phenotypes, based on a thorough analysis of scientific and medical data and evidence base - Modern classification of cardiomyopathies - HCM as a disease characterized by pronounced heterogeneity of clinical manifestations, the frequency of occurrence of the main symptoms and syndromes of HCM, their sensitivity and specificity, based on a thorough analysis of scientific and medical data and evidence base - Methods of diagnosis of HCM with justification of the level and strength of evidence of each method of diagnosis of HCM proposed in clinical recommendations - Treatment, including drug and non-drug therapies, diet therapy, medical indications and contraindications to the use of HCM-type treatment methods, with justification for the level of persuasiveness of recommendations - Prevention and organization of medical care for patients with SCMP	
Recommended literature 1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: http://www.studentlibrary.ru://www.studentlibrary.ru 2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: http://biblioclub.ru 3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru	

3. SUBJECT GUIDES FOR PRACTICAL CLASSES

Table 2. Subject Guides for Practical **B1.C.52 Evidence-based medicine in outpatient practice** Classes

Topic No.6 Aspects of providing medical care to patients with diseases of the liver, bile ducts, and the pancreas within the scope of evidence based medicine	
Duration of the practical class (in academic hours):	4
Purpose of the practical class: 1. consolidate knowledge acquired during lectures; 2. during the discussion, outline information in the clinical guidelines; 3. thoroughly go over the main criteria for diagnosis, standards of examination and treatment of patients with hepatitis, cirrhosis of the liver, gallbladder diseases and pancreatitis from the point of view of clinical guidelines; 4. study algorithms for making clinical decisions based on clinical guidelines in the outpatient practice of a general practitioner;	

5. form an understanding of the clinical application of the principles of evidence-based medicine in the practice of a general practitioner in the management of patients with hepatitis, cirrhosis of the liver, gallbladder diseases and pancreatitis;
6. go over the clinical studies cited in clinical guidelines on the current topic;
7. discuss the role of clinical guidelines in the implementation of research results in clinical practice.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, medical equipment and tools for patient examination, and subject guides for the discipline.

Independent work of the student: working with clinical guidelines; preparing for continuous assessment; selecting and working with literary sources; preparing a report on the lecture.

Methods of evaluation of acquired knowledge and skills: classroom questioning, discussions, tests, working with clinical cases.

Recommended reading:

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.7 Dyslipidemia and brachiocephalic artery stenosis, patient management tactics within the scope of evidence based medicine

Duration of the practical class (in academic hours):

4

Purpose of the practical class:

1. consolidate knowledge acquired during lectures;
2. during the discussion, outline information in the clinical guidelines;
3. thoroughly go over the main criteria for diagnosis, standards of examination and treatment of patients with dyslipidemia and BCA stenosis from the point of view of clinical guidelines;
4. study algorithms for making clinical decisions based on clinical guidelines in the outpatient practice of a general practitioner;
5. form an idea of the clinical application of the principles of evidence-based medicine in the practice of a general practitioner in the management of patients with dyslipidemia and BCA stenosis;
6. go over the clinical studies cited in clinical guidelines on the current topic;
7. discuss the role of clinical guidelines in the implementation of research results in clinical practice.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, medical equipment and tools for patient examination, and subject guides for the discipline.

Independent work of the student: working with clinical guidelines; preparing for continuous assessment; selecting and working with literary sources; preparing a report on the lecture.

Methods of evaluation of acquired knowledge and skills: classroom questioning, discussions, tests, working with clinical cases.

Recommended reading:

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p.

URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>

2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>

3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.8 Upper and lower respiratory tract infection. Aspects of patient management tactics within the scope of clinical guidelines

Duration of the practical class (in academic hours):

4

Purpose of the practical class:

1. consolidate knowledge acquired during lectures;
2. during the discussion, outline information in the clinical guidelines;
3. thoroughly go over the main criteria for diagnosis, standards of examination and treatment of patients with IUaLRT from the point of view of clinical guidelines;
4. study algorithms for making clinical decisions based on clinical guidelines in the outpatient practice of a general practitioner;
5. form an understanding of the clinical application of the principles of evidence-based medicine in the practice of a general practitioner in the management of patients with IUaLRT;
6. go over the clinical studies cited in clinical guidelines on the current topic;
7. discuss the role of clinical guidelines in the implementation of research results in clinical practice.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, medical equipment and tools for patient examination, and subject guides for the discipline.

Independent work of the student: working with clinical guidelines; preparing for continuous assessment; selecting and working with literary sources; preparing a report on the lecture.

Methods of evaluation of acquired knowledge and skills: classroom questioning, discussions, tests, working with clinical cases.

Recommended reading:

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.9 Anemia syndrome, patient management tactics within the scope of evidence based medicine

Duration of the practical class (in academic hours):

4

Purpose of the practical class:

1. consolidate knowledge acquired during lectures;
2. during the discussion, outline information in the clinical guidelines;
3. thoroughly go over the main criteria for diagnosis, standards of examination and treatment of patients with iron deficiency, B-12 deficiency and folate deficiency anemia from the point of view of clinical guidelines;

4. study algorithms for making clinical decisions based on clinical guidelines in the outpatient practice of a general practitioner;
5. form an understanding of the clinical application of the principles of evidence-based medicine in the practice of a general practitioner in the management of patients with iron deficiency, B-12 deficiency and folate deficiency anemia;
6. go over the clinical studies cited in clinical guidelines on the current topic;
7. discuss the role of clinical guidelines in the implementation of research results in clinical practice.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, medical equipment and tools for patient examination, and subject guides for the discipline.

Independent work of the student: working with clinical guidelines; preparing for continuous assessment; selecting and working with literary sources; preparing a report on the lecture.

Methods of evaluation of acquired knowledge and skills: classroom questioning, discussions, tests, working with clinical cases.

Recommended reading:

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.10 Aspects of providing medical care to patients with arrhythmia and impaired heart conduction within the scope of evidence based medicine

Duration of the practical class (in academic hours):

4

Purpose of the practical class:

1. consolidate knowledge acquired during lectures;
2. during the discussion, outline information in the clinical guidelines;
3. thoroughly go over the main criteria for diagnosis, standards of examination and treatment of patients with rhythm and conduction disorders from the point of view of clinical guidelines;
4. study algorithms for making clinical decisions based on clinical guidelines in the outpatient practice of a general practitioner;
5. form an idea of the clinical application of the principles of evidence-based medicine in the practice of a general practitioner in the management of patients with rhythm and conduction disorders;
6. go over the clinical studies cited in clinical guidelines on the current topic;
7. discuss the role of clinical guidelines in the implementation of research results in clinical practice.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, medical equipment and tools for patient examination, and subject guides for the discipline.

Independent work of the student: working with clinical guidelines; preparing for continuous assessment; selecting and working with literary sources; preparing a report on the lecture.

Methods of evaluation of acquired knowledge and skills: classroom questioning, discussions, tests, working with clinical cases.

Recommended reading:

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.11 Diseases of the musculoskeletal system, patient management tactics within the scope of evidence based medicine

Duration of the practical class (in academic hours):

4

Purpose of the practical class:

1. consolidate knowledge acquired during lectures;
2. during the discussion, outline information in the clinical guidelines;
3. thoroughly go over the main criteria for diagnosis, standards of examination and treatment of patients with diseases of the musculoskeletal system from the point of view of clinical guidelines;
4. study algorithms for making clinical decisions based on clinical guidelines in the outpatient practice of a general practitioner;
5. form an idea of the clinical application of the principles of evidence-based medicine in the practice of a general practitioner in the management of patients with diseases of the musculoskeletal system;
6. go over the clinical studies cited in clinical guidelines on the current topic;
7. discuss the role of clinical guidelines in the implementation of research results in clinical practice.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, medical equipment and tools for patient examination, and subject guides for the discipline.

Independent work of the student: working with clinical guidelines; preparing for continuous assessment; selecting and working with literary sources; preparing a report on the lecture.

Methods of evaluation of acquired knowledge and skills: classroom questioning, discussions, tests, working with clinical cases.

Recommended reading:

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.12 Aspects of providing medical care to patients with atrial fibrillation within the scope of evidence based medicine

Duration of the practical class (in academic hours):

4

Purpose of the practical class:

1. consolidate knowledge acquired during lectures;
2. during the discussion, outline information in the clinical guidelines;

3. thoroughly go over the main criteria for diagnosis, standards of examination and treatment of patients with atrial fibrillation from the point of view of clinical guidelines;
4. study algorithms for making clinical decisions based on clinical guidelines in the outpatient practice of a general practitioner;
5. form an idea of the clinical application of the principles of evidence-based medicine in the practice of a general practitioner in the management of patients with rhythm and conduction disorders;
6. go over the clinical studies cited in clinical guidelines on the current topic;
7. discuss the role of clinical guidelines in the implementation of research results in clinical practice.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, medical equipment and tools for patient examination, and subject guides for the discipline.

Independent work of the student: working with clinical guidelines; preparing for continuous assessment; selecting and working with literary sources; preparing a report on the lecture.

Methods of evaluation of acquired knowledge and skills: classroom questioning, discussions, tests, working with clinical cases.

Recommended reading:

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

Topic No.13 Chronic bronchitis, COPD, and bronchial asthma within the scope of clinical guidelines

Duration of the practical class (in academic hours):

4

Purpose of the practical class:

1. consolidate knowledge acquired during lectures;
2. during the discussion, outline information in the clinical guidelines;
3. thoroughly go over the main criteria for diagnosis, standards of examination and treatment of patients with CKD, COPD and asthma from the point of view of clinical guidelines;
4. study algorithms for making clinical decisions based on clinical guidelines in the outpatient practice of a general practitioner;
5. form an understanding of the clinical application of the principles of evidence-based medicine in the practice of a general practitioner in the management of patients with CKD, COPD and asthma;
6. go over the clinical studies cited in clinical guidelines on the current topic;
7. discuss the role of clinical guidelines in the implementation of research results in clinical practice.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, medical equipment and tools for patient examination, and subject guides for the discipline.

Independent work of the student: working with clinical guidelines; preparing for continuous assessment; selecting and working with literary sources; preparing a report on the lecture.

Methods of evaluation of acquired knowledge and skills: classroom questioning, discussions, tests, working with clinical cases.

Recommended reading:

1. Internal diseases: textbook: in 2 volumes [Electronic resource] A. I. Martynov, Zh. D. Kobalava, S. V. Moiseev 4th ed., reprint-Moscow: GEOTAR-Media, 2023. - Vol. II. - 704 p. URL: <http://www.studentlibrary.ru://www.studentlibrary.ru>
2. Emergency conditions in the internal medicine clinic: study. Dvornikov V. E., Ivanov G. G., Kislyi N. D., et al., Moscow: Peoples ' Friendship University of Russia, 2013, 572 p. (in Russian).: <http://biblioclub.ru>
3. Rubricator of clinical recommendations. Website of the Ministry of Health of the Russian Federation - www.rosminzdrav.ru

4. GUIDELINES FOR CONTINUOUS AND INTERIM ASSESSMENT

Table 3. Guidelines for Conducting Continuous and Interim Assessment during **B1.C.52 Evidence-based medicine in outpatient practice** Course

Type of assessment	Assessment format
Continuous assessment	- conducting and evaluating oral quizzes during practical classes; - assessment and evaluation of completion and results of assignments given during practical classes; - assess and evaluate completion and results of individual assignments and exam tasks given during practical classes; - assessment and evaluation of lecture notes quality.
Interim certification	is conducted in exam format; it allows to assess the development of students' competencies correlating with types of professional activity.

5 ASPECTS OF THE IMPLEMENTATION OF THE COURSE FOR STUDENTS WITH DISABILITIES AND SPECIAL NEEDS

5.1. Availability of accessible environment

For students with disabilities and special needs, if a written application is submitted, lectures and practical classes are carried out taking into account health limitations, individual capabilities and medical status (hereinafter referred to as individual characteristics) of the student. Compliance with the following general requirements is ensured: teaching aids for collective and individual use are provided, required technical assistance is provided by an assistant, buildings and premises where lectures and practical classes are taking place meet accessibility requirements, other arrangements lack of which makes it impossible or difficult to master the discipline are made.

5.2. Compliance with general requirements

When lectures and practical classes are carried out at the written application of the student, the following general requirements are met: lectures and practical classes for students with disabilities and special needs take place at the same location as for students who do not have disabilities, if this does not cause difficulties for students; an assistant (assistants), who provide(s) students with the necessary technical assistance taking into account individual characteristics of the student, is (are) provided; necessary teaching aids are provided, taking into account individual characteristics of the student.

5.3. Availability of the internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia to students with disabilities in a form accessible to them.

All internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia concerning the discipline are made available to students with disabilities in a form accessible to them.

5.4. Increase in the duration of interim assessment of students with disabilities and special needs in relation to the established duration

Format of the interim assessment of academic performance within the scope of the discipline for students with disabilities and special needs is selected taking into account individual characteristics (orally, by writing on paper, by typing on a computer, as a test, etc.). The duration of the interim assessment in relation to the established duration is increased at the written application of the student with disabilities. Time limit for the student's preparation for the test is increased by at least 0.5 hours

6. STAFFING REQUIREMENTS OF THE DISCIPLINE

Academic teaching personnel that ensure the implementation of the discipline education process meet the requirements of the Federal State Educational Standard of Higher Education for the 31.05.01 General Medicine specialty; list of the aforementioned personnel is available on the website of the educational organization.

