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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 Clinical Neurology and Medical
Rehabilitation

 / Shestopalov E. Yu./
"14th" of April 2025

SUBJECT GUIDE FOR TEACHERS AND STUDENTS FOR

B1.B.14 Medical rehabilitation

(Name of discipline)

Specialty

**31.05.01 General Medicine
for international students (in English)**
(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 Clinical Neurology and Medical
Rehabilitation

Subject guide for teachers and students for **Б1.В.14 Medical rehabilitation** 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 for international students (in English), 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. 8/24-25 dated March 31, 2025.

Subject guide for teachers and students for **Б1.В.14 Medical rehabilitation** was developed by the writing team of the Institute of Clinical Neurology and Medical Rehabilitation of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of the director of the institute, Candidate of Medical Sciences Shestopalov E.Yu.

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1. GENERAL PROVISIONS

Subject guide for **Б1.В.14 Medical rehabilitation** 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 **Б1.В.14 Medical rehabilitation**. 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 **Б1.В.14 Medical rehabilitation**.

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 **Б1.В.14 Medical rehabilitation**. 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 **Б1.В.14 Medical rehabilitation** course.

Continuous assessment during **Б1.В.14 Medical rehabilitation** 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 **Б1.В.14 Medical rehabilitation** 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, working with tests, preparing reports, working with checklists. 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 pass/fail test format after the student has mastered all sections of **Б1.В.14 Medical rehabilitation** and takes into account learning outcomes for all types of student work over the entire period of mastering **Б1.В.14 Medical rehabilitation** 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 **Б1.В.14 Medical rehabilitation**. 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.B.14 Medical rehabilitation** Lectures

Topic No.1 Rehabilitation: history, main concepts, regulatory framework, principles, stages	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about aspects of rehabilitation; 2. define key terms: rehabilitation, rehabilitation goal, rehabilitation diagnosis 3. examine methodological basis of rehabilitation.	
Lecture plan, order of presentation of its sections: - Terminology - Aspects of rehabilitation - Regulatory documents - Stages of medical rehabilitation - Methodological basis of rehabilitation - Rehabilitation diagnosis - International Classification of Functioning, Disability and Health (ICF) - Multidisciplinary rehabilitation team - Case study of rehabilitation diagnostics - Rehabilitation goal - Rehabilitation potential - Documentation in medical rehabilitation	
Recommended reading: 1. И.В. Ильина. Медицинская реабилитация: учебник для вузов. 2-е изд., перераб. и доп. - М. : Издательство Юрайт, 2025. - 333 с. [Электронный ресурс]/ URL: https://urait.ru/. 2. Медицинская реабилитация : учебник для вузов. Под ред. В.А. Епифанова, А.Н. Разумова, В.А. Епифанова - 3-е изд., перераб и доп. - М. : ГЭОТАР- Медиа, 2023. - 688 с. ил [Электронный ресурс]. URL: http://studentlibrary.ru 3. Об утверждении Порядка организации медицинской реабилитации взрослых: Приказ Министерства здравоохранения РФ от 31 июля 2020 г. № 788н: – [Электронный ресурс] URL: http://www.consultant.ru/document/cons_doc_LAW_363102/	

3. SUBJECT GUIDES FOR PRACTICAL CLASSES

Table 2. Subject Guides for Practical **B1.B.14 Medical rehabilitation** Classes

Topic No.2 International Classification of Functioning, Disability and Health (ICF). Rehabilitation diagnosis, rehabilitation potential. Multidisciplinary rehabilitation team. Simulation training “Patient with a disability” using the Aged Simulation Suit	
Duration of the practical class (in academic hours):	4
Purpose of the practical class: 1. consolidate acquired knowledge on rehabilitation; 2. during the discussion, outline main stages of rehabilitation, main documentation outlining provision of medical aid in the sphere of medical rehabilitation; 3. thoroughly go over definitions and concepts of rehabilitation, rehabilitation potential, rehabilitation diagnosis, short-term and long-term rehabilitation goals;	

4. study patterns of structure and function impairments using a patient with a disability as an example; practical application of International Classification of Functioning, Disability and Health (ICF);

5. develop the ability to select patient management tactics and programs aimed at correction of risk factors, pharmacological and non-pharmacological treatment and assessment of its efficacy and safety in patients with diseases of internal organs, taking into account patient's age, diagnosis, and clinical manifestation of the disease, including in day hospital setting; determine the necessity of inclusive approach based on knowledge on defectology in social and professional spheres.

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

Independent work of the student: preparing for practical classes, preparing slides presentation on the selected topic, preparing a report on the lecture, and working with study materials.

Methods of evaluation of acquired knowledge and skills: review of reports, discussions, classroom questioning, tests.

Recommended reading:

1. Epifanov V. A. Physical therapy : tutorial guide / V. A. Epifanov, A. V. Epifanov. - M. : GEOTAR-Media, 2022. - 576 p. : ill. - 576 с. [Электронный ресурс] / - ЭБС «Консультант студента» URL: <http://www.studentlibrary.ru/>
2. Medical rehabilitation : textbook / edited by A. V. Epifanov, E. E. Achkasov, V. A. Epifanov. - M. : GEOTAR-Media, 2022. - 664 p. - ЭБС «Консультант студента» [Электронный ресурс]. URL: <http://studentlibrary.ru>

4. GUIDELINES FOR CONTINUOUS AND INTERIM ASSESSMENT

Table 3. Guidelines for Conducting Continuous and Interim Assessment during **B1.O.32 Infectious diseases** 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 oral 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 for international students (in English) specialty; list of the aforementioned personnel is available on the website of the educational organization.

