Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Стегний Кирилл Владимирович
Должность: И.о. ректора
Дата подписания: 15.04.2026 12:11:14
Уникальный программный ключ:
d59234ba928aea5c04c54eb9013e367220b6b2ae

Federal State Budget Educational Institution
of Higher Education
Pacific State Medical University
of the Ministry of Health of the Russian Federation

APPROVED BY

Head of the Department
of Anesthesiology, Resuscitation, Intensive
Care, and Emergency Medical Care
_____ / Shumatov V.B./
"15th" of April 2025

SUBJECT GUIDE FOR TEACHERS AND STUDENTS FOR

Б1.В.12 Medical care during emergencies and disasters

(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)
Department	of Anesthesiology, Resuscitation, Intensive Care, and Emergency Medical Care

Vladivostok, 2025

Subject guide for teachers and students for **Б1.В.12 Medical care during emergencies and disasters** 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 specialty 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.12 Medical care during emergencies and disasters** were developed by the writing team of the Department of Anesthesiology, Resuscitation, Intensive Care, and Emergency Medical Care of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of Head of the Department, Doctor of Medical Sciences Shumatov V.B.

Developed by:

Assistant Professor	Candidate of Medical Sciences, Associate Professor	Andreeva N.A.
(position held)	(academic degree, academic title)	(full name)
Assistant Professor	Candidate of Medical Sciences	Poleshchuk A.V.
(position held)	(academic degree, academic title)	(full name)
Assistant Professor	Candidate of Medical Sciences, Associate Professor	Balashova T.V.
(position held)	(academic degree, academic title)	(full name)

1. GENERAL PROVISIONS

Subject guide for **Б1.В.12 Medical care during emergencies and disasters** 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.12 Medical care during emergencies and disasters**. 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.12 Medical care during emergencies and disasters**.

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.12 Medical care during emergencies and disasters**. 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.12 Medical care during emergencies and disasters** course.

Continuous assessment during **Б1.В.12 Medical care during emergencies and disasters** 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.12 Medical care during emergencies and disasters** 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/exam format after the student has mastered all sections of **Б1.В.12 Medical care during emergencies and disasters** and takes into account learning outcomes for all types of student work over the entire period of mastering **Б1.В.12 Medical care during emergencies and disasters** 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.12 Medical care during emergencies and disasters**. 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 **Б1.В.12 Medical care during emergencies and disasters** Lectures

Topic No.1 Advanced cardiopulmonary resuscitation	
Duration of the lecture (in academic hours):	2
Purpose of the lecture: 1. tell students about the algorithm of advanced cardiopulmonary resuscitation in adults and children; 2. define key terms: terminal condition, clinical and biological death; 3. examine the methods of administering medications during resuscitation procedures.	
Lecture plan, order of presentation of its sections: - Definition of the process of death. Definition of "resuscitation" - Order of the Ministry of Health of the Russian Federation that outlines sequence and duration of resuscitation procedure and determination of brain death - Stages of terminal condition - Indicators of clinical death - Indicators of biological death - Types of cessation of blood circulation and their causes - Main principles of diagnosing and differentiation between types of cessation of blood circulation - Definition of defibrillation and types of defibrillation - Defibrillator types - Rules of defibrillation - Age ranges and indications for CPR - Stages of resuscitation - Algorithm of advanced cardiopulmonary resuscitation - Methods of administering medications - Pharmacotherapy	
Recommended reading: 1. Экстренная медицинская помощь при острых заболеваниях и травмах. Руководство для врачей и фельдшеров [Электронный ресурс] под ред. Н.Ф. Плавунова. М.: ГЭОТАР-Медиа, 2023. URL: http://www.rosmedlib.ru/ 2. Скорая медицинская помощь [Электронный ресурс] под ред. С.Ф. Багненко М.: ГЭОТАР-Медиа, 2022. URL: http://www.rosmedlib.ru/ 3. Федоровский Н.В. Сердечно-легочная реанимация. Клинические рекомендации. Учебное пособие для студентов [Электронный ресурс] М.: ООО МИА, 2020 URL: https://www.medlib.ru/library/library/books/498 4. Интенсивная терапия: национальное руководство. - Т. 1. : в 2 т. /. - 2-е изд. , перераб. и доп. [Электронный ресурс] Под ред. И. Б. Заболотских, Д. Н. Проценко М. : ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970471906.html	
Topic No.2 Principles and methods of intensive care in patients in shock	
Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about types of shock, their causes, and classification;
2. define shock;
3. examine the methods of providing emergency medical aid to patients in shock.

Lecture plan, order of presentation of its sections:
- Definition of shock
- Types of shock, classification
- Clinical manifestation of shock
- Aspects and forms of hypovolemic shock
- Identifying the severity of hypovolemic shock
- Intravenous fluids classification and their main characteristics
- Pre-hospital first aid in case of hypovolemic shock
- Criteria of adequacy of treatment of shock

Recommended reading:
1. Скорая медицинская помощь [Электронный ресурс] под ред. С.Ф. Багненко М.: ГЭОТАР-Медиа, 2022. URL: http://www.rosmedlib.ru/
2. Интенсивная терапия : национальное руководство. - Т. 1. : в 2 т. /. - 2-е изд. , перераб. и доп. [Электронный ресурс] Под ред. И. Б. Заболотских, Д. Н. Проценко М. : ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970471906.html

Topic No.3 Pain syndrome. Principles of anesthesia in extreme conditions

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about the principles of nociception;
2. define types of pain;
3. examine the methods of pain management during emergencies and disasters at different stages of evacuation.

Lecture plan, order of presentation of its sections:
- Definition of pain
- Physiological processes behind nociception
- Classification of pain
- Pain-induced reaction of the organism
- Examination of patients in pain
- Modern methods of pain management
- Analgesic agents classification: narcotic and non-narcotic analgesics
- Main principles of acute pain treatment
- Analgesic agents used in acute pain management
- Main principles of chronic pain treatment
- Supplementary methods of pain treatment

Recommended reading:
1. Скорая медицинская помощь [Электронный ресурс] под ред. С.Ф. Багненко М.: ГЭОТАР-Медиа, 2022. URL: http://www.rosmedlib.ru/
2. Интенсивная терапия : национальное руководство. - Т. 1. : в 2 т. /. - 2-е изд. , перераб. и доп. [Электронный ресурс] Под ред. И. Б. Заболотских, Д. Н. Проценко М. : ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970471906.html

Topic No.4 Medical aid in case of chest or abdomen injury

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about causes and types of chest or abdomen injury, their clinical manifestation and diagnostic methods;
2. define pneumo- and hemothorax;
3. examine the methods of providing emergency medical aid to patients with chest or abdomen injury

Lecture plan, order of presentation of its sections:
- Chest injury classification
- Clinical manifestation of rib, sternum (breastbone), and scapula (shoulder blade) injury, and diaphragmatic rupture
- Types of pneumothorax
- Closed pneumothorax: clinical manifestation, diagnosis, and emergency medical aid
- Open pneumothorax: clinical manifestation, diagnosis, and emergency medical aid
- Tension pneumothorax: clinical manifestation, diagnosis, and emergency medical aid
- Hemothorax: clinical manifestation, diagnosis, and emergency medical aid
- Abdomen injury classification
- Abdomen injury: clinical manifestation, diagnosis, and emergency medical aid

Recommended reading:

1. Экстренная медицинская помощь при острых заболеваниях и травмах. Руководство для врачей и фельдшеров [Электронный ресурс] под ред. Н.Ф. Плавунова. М.: ГЭОТАР-Медиа, 2023. URL: http://www.rosmedlib.ru/
2. Скорая медицинская помощь [Электронный ресурс] под ред. С.Ф. Багненко М.: ГЭОТАР-Медиа, 2022. URL: http://www.rosmedlib.ru/
3. Интенсивная терапия: национальное руководство. - Т. 2. : в 2 т. /. - 2-е изд. , перераб. и доп. [Электронный ресурс] Под ред. И. Б. Заболотских, Д. Н. Проценко М. : ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970471913.html
4. Травма. Код красный [Электронный ресурс] Под ред. М. Кхана, М. Мак-Монагла, Д.М. Нотта; Под ред. С.Ф. Гончарова, и др. М.: ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970473474.html

Topic No.5 Principles of providing medical aid in case of multiple traumatic injuries and polytrauma

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about principles of providing medical aid in case of multiple traumatic injuries and polytrauma;
2. define key terms: polytrauma, golden hour, triage;
3. examine the methods of triage and medical aid procedure in case of polytrauma.

Lecture plan, order of presentation of its sections:
- Triage groups
- Rules of triage
- Polytrauma diagnosis
- Principles of providing medical aid in case of polytrauma
- Indications for immobilization and transportation
- Rules of immobilization and transportation
- Typical mistakes in immobilization and transportation
- Complications of immobilization and transportation

Recommended reading:

1. Экстренная медицинская помощь при острых заболеваниях и травмах. Руководство для врачей и фельдшеров [Электронный ресурс] под ред. Н.Ф. Плавунова. М.: ГЭОТАР-Медиа, 2023. URL: http://www.rosmedlib.ru/
2. Скорая медицинская помощь [Электронный ресурс] под ред. С.Ф. Багненко М.: ГЭОТАР-Медиа, 2022. URL: http://www.rosmedlib.ru/
3. Интенсивная терапия : национальное руководство. - Т. 2. : в 2 т. /. - 2-е изд. , перераб. и доп. [Электронный ресурс] Под ред. И. Б. Заболотских, Д. Н. Проценко М. : ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970471913.html
4. Травма. Код красный [Электронный ресурс] Под ред. М. Кхана, М. Мак-Монагла, Д.М. Нотта; Под ред. С.Ф. Гончарова, и др. М.: ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970473474.html

Topic No.6 Crush syndrome

Duration of the lecture (in academic hours):	2

Purpose of the lecture:
1. tell students about crush syndrome, its causes, pathogenesis, and clinical manifestation;
2. define crush syndrome;
3. examine the methods of providing medical aid in case of crush syndrome.

Lecture plan, order of presentation of its sections:

Recommended reading:

1. Скорая медицинская помощь [Электронный ресурс] под ред. С.Ф. Багненко М.: ГЭОТАР-Медиа, 2022. URL: http://www.rosmedlib.ru/
2. Интенсивная терапия : национальное руководство. - Т. 2. : в 2 т. /. - 2-е изд. , перераб. и доп. [Электронный ресурс] Под ред. И. Б. Заболотских, Д. Н. Проценко М. : ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970471913.html
3. Синдром длительного сдавления [Электронный ресурс] Колесник А.И., Донченко С.В., Кирпичев И.В., Солодилов И.М. М.: ГЭОТАР-Медиа, 2021. URL: https://www.studentlibrary.ru/book/ISBN9785970464069.html

3. SUBJECT GUIDES FOR PRACTICAL CLASSES

Table 2. Subject Guides for Practical **Б1.В.12 Medical care during emergencies and disasters** Classes

Topic No.1 Advanced cardiopulmonary resuscitation during emergencies and disasters

Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge of advanced cardiopulmonary resuscitation in adults and children;
2. during the discussion, outline the main indications and contraindications for cardiopulmonary resuscitation, primary etiological causes, clinical manifestations and pathogenesis of terminal conditions;
3. thoroughly go over definitions and concepts of terminal conditions;
4. study patterns of algorithm of advanced cardiopulmonary resuscitation in adults and children;

5. develop the approach to conducting advanced cardiopulmonary resuscitation in adults and children.

Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, LIFEPAK-15 defibrillator with accessories, set of equipment for defibrillation training and heart rhythm simulator, multifunctional robot-simulator of an adult (SimMan, basic), professional simulator (adult) for resuscitation with electronic control device; "Resusci Anne" manikin, adult manikin for cardiopulmonary resuscitation training, “Little Anne” manikin, LIFEPAK 1000 defibrillator with ECG monitoring capabilities, manual resuscitator for children and adults; MD 300 C21C pulse oximeter, and subject guides for the discipline.

Independent work of the student: preparation of a report on the lecture and working with study materials.

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

Recommended reading:

1. Экстренная медицинская помощь при острых заболеваниях и травмах. Руководство для врачей и фельдшеров [Электронный ресурс] под ред. Н.Ф. Плавунова. М.: ГЭОТАР-Медиа, 2023. URL: http://www.rosmedlib.ru/
2. Скорая медицинская помощь [Электронный ресурс] под ред. С.Ф. Багненко М.: ГЭОТАР-Медиа, 2022. URL: http://www.rosmedlib.ru/
3. Федоровский Н.В. Сердечно-легочная реанимация. Клинические рекомендации. Учебное пособие для студентов [Электронный ресурс] М.: ООО МИА, 2020 URL: https://www.medlib.ru/library/library/books/498
4. Интенсивная терапия : национальное руководство. - Т. 1. : в 2 т. /. - 2-е изд. , перераб. и доп. [Электронный ресурс] Под ред. И. Б. Заболотских, Д. Н. Проценко М. : ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970471906.html

Topic No.2 Modern methods of anesthesia

Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge of aspects of pain managements during emergencies and disasters;
2. during the discussion, outline the main principles of anesthesia in patients with different types of trauma;
3. thoroughly go over definitions of pain types;
4. study patterns of different methods of pain management and anesthesia;
5. develop the approach to selecting a method of pain management and anesthesia depending on the clinical situation.

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

Independent work of the student: preparation of a report on the lecture and working with study materials.

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

Recommended reading:

1. Скорая медицинская помощь [Электронный ресурс] под ред. С.Ф. Багненко М.:

ГЭОТАР-Медиа, 2022. URL: http://www.rosmedlib.ru/
2. Интенсивная терапия : национальное руководство. - Т. 1. : в 2 т. /. - 2-е изд. , перераб. и доп. [Электронный ресурс] Под ред. И. Б. Заболотских, Д. Н. Проценко М. : ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970471906.html

Topic No.3 Principles and methods of intensive care in patients in shock

Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge of shock;
2. during the discussion, outline the main etiological causes, clinical manifestations, and pathogenesis of shock;
3. thoroughly go over definitions and concepts of different types of shock;
4. study patterns of development, progression, and outcomes of shock;
5. develop the approach to managing patients in different types of shock.

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

Independent work of the student: preparation of a report on the lecture and working with study materials.

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

Recommended reading:
1. Скорая медицинская помощь [Электронный ресурс] под ред. С.Ф. Багненко М.: ГЭОТАР-Медиа, 2022. URL: http://www.rosmedlib.ru/
2. Интенсивная терапия : национальное руководство. - Т. 1. : в 2 т. /. - 2-е изд. , перераб. и доп. [Электронный ресурс] Под ред. И. Б. Заболотских, Д. Н. Проценко М. : ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970471906.html

Topic No.4 Medical aid in case of chest or abdomen injury

Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge on chest and abdomen injury;
2. during the discussion, outline the main etiological causes and pathogenesis of chest and abdomen injuries;
3. thoroughly go over definitions and concepts of pneumo- and hemothorax, two-stage rupture of the spleen;
4. study clinical manifestation and complications of chest or abdomen injury;
5. develop the approach to managing patients with chest or abdomen injury.

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

Independent work of the student: preparation of a report on the lecture and working with study materials.

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

Recommended reading:

1. Экстренная медицинская помощь при острых заболеваниях и травмах. Руководство для врачей и фельдшеров [Электронный ресурс] под ред. Н.Ф. Плавунова. М.: ГЭОТАР-Медиа, 2023. URL: http://www.rosmedlib.ru/
2. Скорая медицинская помощь [Электронный ресурс] под ред. С.Ф. Багненко М.: ГЭОТАР-Медиа, 2022. URL: http://www.rosmedlib.ru/
3. Интенсивная терапия: национальное руководство. - Т. 2. : в 2 т. /. - 2-е изд. , перераб. и доп. [Электронный ресурс] Под ред. И. Б. Заболотских, Д. Н. Проценко М. : ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970471913.html
4. Травма. Код красный [Электронный ресурс] Под ред. М. Кхана, М. Мак-Монагла, Д.М. Нотта; Под ред. С.Ф. Гончарова, и др. М.: ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970473474.html

Topic No.5 Crush syndrome. Principles of providing medical aid in case of multiple traumatic injuries and polytrauma

Duration of the practical class (in academic hours):	6

Purpose of the practical class:
1. consolidate acquired knowledge on crush syndrome, as well as providing medical aid in case of multiple traumatic injuries and polytrauma;
2. during the discussion, outline the main etiological causes and pathogenesis of crush syndrome, as well as triage principles;
3. thoroughly go over definitions and concepts of crush syndrome, as well as polytrauma, golden hour, and triage;
4. study clinical manifestation and complications of crush syndrome, as well as multiple traumatic injuries and polytrauma
5. develop the approach to managing patients with polytrauma or crush syndrome.

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

Independent work of the student: preparation of a report on the lecture and working with study materials.

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

Recommended reading:

1. Скорая медицинская помощь [Электронный ресурс] под ред. С.Ф. Багненко М.: ГЭОТАР-Медиа, 2022. URL: http://www.rosmedlib.ru/
2. Интенсивная терапия : национальное руководство. - Т. 2. : в 2 т. /. - 2-е изд. , перераб. и доп. [Электронный ресурс] Под ред. И. Б. Заболотских, Д. Н. Проценко М. : ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970471913.html
3. Синдром длительного сдавления [Электронный ресурс] Колесник А.И., Донченко С.В., Кирпичев И.В., Солодилов И.М. М.: ГЭОТАР-Медиа, 2021. URL: https://www.studentlibrary.ru/book/ISBN9785970464069.html

Topic No.6 Medical care in case of poisoning during emergencies and disasters / Pass/fail test

Duration of the practical class (in academic hours):	6

Purpose of the practical class: 1. consolidate acquired knowledge on poisoning during emergencies and disasters; 2. during the discussion, outline the main etiological causes, clinical manifestation, and pathogenesis of poisoning during emergencies and disasters; 3. thoroughly go over definitions and concepts of poisons, acute poisoning, poisoning-induced shock; 4. study patterns of development, progression, and outcomes of poisoning during emergencies and disasters; 5. develop the approach to managing patients with poisoning during emergencies and disasters.
Practical classes requirements: classrooms equipped with multimedia equipment, blackboards, and subject guides for the discipline.
Independent work of the student: preparation of a report on the lecture and working with study materials.
Methods of evaluation of acquired knowledge and skills: review of reports, discussions, quizzes, tests.
Recommended reading: 1. Экстренная медицинская помощь при острых заболеваниях и травмах. Руководство для врачей и фельдшеров [Электронный ресурс] под ред. Н.Ф. Плавунова. М.: ГЭОТАР-Медиа, 2023. URL: http://www.rosmedlib.ru/ 2. Скорая медицинская помощь [Электронный ресурс] под ред. С.Ф. Багненко М.: ГЭОТАР-Медиа, 2022. URL: http://www.rosmedlib.ru/ 3. Интенсивная терапия : национальное руководство. - Т. 2. : в 2 т. /. - 2-е изд. , перераб. и доп. [Электронный ресурс] Под ред. И. Б. Заболотских, Д. Н. Проценко М. : ГЭОТАР-Медиа, 2022. URL: https://www.studentlibrary.ru/book/ISBN9785970471913.html 4. Экстремальная токсикология. Учебник [Электронный ресурс] Под ред. Г.А. Софронова, М.В. Александрова М.: ГЭОТАР-Медиа, 2021 URL: https://www.studentlibrary.ru/book/ISBN9785970460399.html

4. GUIDELINES FOR CONTINUOUS AND INTERIM ASSESSMENT

Table 3. Guidelines for Conducting Continuous and Interim Assessment during **Б1.В.12 Medical care during emergencies and disasters** Course

Type of assessment	Assessment format
Continuous assessment	- conducting and evaluating oral or written quizzes during lectures and 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 pass/fail test 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.