

**МИНОБРНАУКИ РОССИИ**

**Федеральное государственное бюджетное образовательное  
учреждение высшего образования "Пермский  
государственный национальный исследовательский  
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**Кафедра неорганической химии, химической технологии и техносферной  
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Программа учебной практики

**FIRST AID PRACTICE**

Код УМК 94565

Утверждено  
Протокол №6  
от «23» марта 2020 г.

Пермь, 2020

## **1. Вид практики, способ и форма проведения практики**

Вид практики **учебная**

Тип практики **практика по оказанию первой медицинской помощи**

Способ проведения практики **стационарная, выездная**

Форма (формы) проведения практики **дискретная**

## **2. Место практики в структуре образовательной программы**

Учебная практика « First Aid Practice » входит в обязательную часть Блока « С.2 » образовательной программы по направлениям подготовки (специальностям):

Специальность: **33.05.01** Фармация

направленность Программа широкого профиля (для иностранных граждан)

### **Цель практики :**

The goals of the practice in providing first aid are to consolidate and deepen the theoretical training of the student, to acquire primary professional skills and abilities for the formation of ideas about the future specialty, readiness to conduct outreach work to promote a healthy lifestyle and life safety.

### **Задачи практики :**

The objectives of the discipline "First aid practice" are:

- \* familiarity with the structure and organization of the hospital;
- \* familiarity with the work of departments, diagnostic and treatment rooms, hospital pharmacy;
- \* study of registration of lists of appointments, rules of discharge, receipt, storage and delivery of medicines to patients;
- \* familiarity with the packaging of medicines and existing leaflet inserts (in the amount of drugs available at nursing posts, in the hospital pharmacy, etc.);
- \* familiarization with the primary skills for patient care and the implementation of some nursing manipulations, in particular the acquisition of skills of opening ampoules, vials, working out the technique of drug recruitment into a syringe and performing subcutaneous and intramuscular injections;
- \* acquisition of skills of care of seriously ill and injured (skin care and prevention of bedsores, change of underwear and bed linen, feeding of the vessel and the urinal, the help at meal);
- \* mastering the basic skills of observation of patients and victims (assessment of the state of consciousness, pulse study, blood PRESSURE measurement);
- \* practicing practical skills during the following procedures: oxygen therapy, quartz rooms, setting jars, mustard, hot water bottles, compresses, cleansing enemas and gastric lavage, as well as instilling drops in the eyes, ears, nose, distribution of dosage forms to patients, etc.;
- familiarization with the nature of sonpreference in the hospital.
- \* mastering the principles of medical ethics and deontology.

### **3. Перечень планируемых результатов обучения**

В результате прохождения практики **First Aid Practice** у обучающегося должны быть сформированы следующие компетенции:

**33.05.01** Фармация (направленность : Программа широкого профиля (для иностранных граждан))

**ОПК.6** Способен оказывать первую помощь на территории фармацевтической организации при неотложных состояниях у посетителей до приезда бригады скорой помощи

#### **Индикаторы**

**ОПК.6.1** Осуществляет простейшие инструментальные исследования и оценивает общее состояние больного до приезда бригады скорой помощи

**ОПК.6.2** Проводит мероприятия по оказанию первой помощи посетителям при неотложных состояниях до приезда бригады скорой помощи

#### 4. Содержание и объем практики, формы отчетности

First aid practice is intended for students of the specialty "Pharmacy".

The practice of providing first aid is a continuation of the educational process, during its passage, students consolidate and expand the theoretical knowledge and skills they have about methods of providing first aid, caring for the sick. Students undergo medical introductory practice on the basis of multidisciplinary medical institutions.

<b>Направления подготовки</b>	33.05.01 Фармация (направленность: Программа широкого профиля (для иностранных граждан))
<b>форма обучения</b>	очная
<b>№№ триместров, выделенных для прохождения практики</b>	7
<b>Объем практики (з.е.)</b>	3
<b>Объем практики (ак.час.)</b>	108
<b>Форма отчетности</b>	Экзамен (7 триместр)

#### Примерный график прохождения практики

Количество часов	Содержание работ	Место проведения
Familiarity with the structure of hospital, the organization of protective and sanitary regime		
16	Practicing practical skills in caring for seriously ill patients	Medical institutions in Perm, Department of Pharmacology and Pharmacy
Familiarity with the work of the hospital pharmacy and therapeutic Department		
18	Mastering the deontological aspects of patient care. Rules for obtaining, storage and use of medicines. Types of transportation of patients. Completing the practice diary	Medical institutions in Perm, Department of Pharmacology and Pharmacy
Familiarity with the work of the nursing medical post		
16	Familiarity with the organization of the therapeutic Department. Study of functional responsibilities of nurses . Familiarization with the sanitary regime of the hospital. Filling in the diary.	Medical institutions in Perm, Department of Pharmacology and Pharmacy
Familiarity with the work of procedural, dressing and examination rooms		
16	Familiarity with the organization of the procedure room. Development of manipulations on intramuscular and subcutaneous administration of drugs. The development of rules for the prevention of HIV. Filling in the diary.	Medical institutions in Perm, Department of Pharmacology and Pharmacy
Practice of practical skills to perform certain medical procedures		
20	Consolidation of skills on parenteral administration of drugs. Mastering the manipulation of intravenous drugs. Filling the diary	Medical institutions in Perm, Department of Pharmacology and Pharmacy
Practice of practical skills for the care of seriously ill		
22	Mastering the skills of first aid in emergency situations (artificial	Medical institutions in Perm,

Количество часов	Содержание работ	Место проведения
	respiration, indirect heart massage, first aid for vomiting, various bleeding, etc.). Summing up the practice. Certification of students.	Department of Pharmacology and Pharmacy

## **5. Перечень учебной литературы, необходимой для проведения практики**

### **Основная**

1. S. William A. Gunn. *Dictionary of Disaster Medicine and Humanitarian Relief* / S. William A. Gunn // Publisher Name: Springer, New York, NY. — 2013. — 208 p. — ISBN 978-1-4614-4445-9. — [Электронный ресурс]. <https://link.springer.com/book/10.1007/978-1-4614-4445-9>

### **Дополнительная**

1. Catherine J. Goodhue. *Nursing Management of Pediatric Disaster* / Catherine J. Goodhue, Nancy Blake // Publisher Name: Springer, Cham. — 2020. — 413 p. — ISBN 978-3-030-43428-1. — [Электронный ресурс]. <https://link.springer.com/book/10.1007/978-3-030-43428-1>

2. David MacGarty. *Disaster Medicine* / David MacGarty, David Nott // Publisher Name: Springer, London. — 2013. — 390 p. — ISBN 978-1-4471-4423-6. — [Электронный ресурс]. <https://link.springer.com/book/10.1007/978-1-4471-4423-6>

## **6. Перечень ресурсов сети «Интернет», требуемых для проведения практики**

Для проведения практики использование ресурсов сети «Интернет» не предусмотрено.

## **7. Перечень информационных технологий, используемых при проведении практики**

Образовательный процесс по практике **First Aid Practice** предполагает использование следующего программного обеспечения и информационных справочных систем:

On-line access to the Electronic library system (EBS)

access to the electronic information and educational environment of the University;

Internet services and electronic resources (search engines, e-mail, professional thematic chats and forums, audio and video conferencing systems, online encyclopedias, etc.).

The list of necessary licensed and (or) freely distributed software :

- 1.The application allows you to view and play media content PDF-files "Adobe Acrobat Reader DC".
- 2.Programs, video demonstrations (player) "Windows Media Player".
- 3.The program of browsing Internet content (a browser) "Google Chrome".
- 4.Office Suite of applications "LibreOffice".

При освоении материала и выполнения заданий по дисциплине рекомендуется использование материалов, размещенных в Личных кабинетах обучающихся ЕТИС ПГНИУ (**student.psu.ru**).

При организации дистанционной работы и проведении занятий в режиме онлайн могут использоваться:

система видеоконференцсвязи на основе платформы BigBlueButton (<https://bigbluebutton.org/>).

система LMS Moodle (<http://e-learn.psu.ru/>), которая поддерживает возможность использования текстовых материалов и презентаций, аудио- и видеоконтент, а так же тесты, проверяемые задания, задания для совместной работы.

система тестирования Indigo (<https://indigotech.ru/>).

1. Literature for FA.docx

## **8. Описание материально-технической базы, необходимой для проведения практики**

1. Seminar type classes (seminars, practical classes) - an Audience equipped with presentation equipment (projector, screen, computer/laptop) with appropriate software, chalk (s) or marker Board.

2. Independent work-laboratory, equipped with specialized equipment, medical institutions of Perm. The composition of the equipment is defined in the Passport of the laboratory.

Помещения научной библиотеки ПГНИУ для обеспечения самостоятельной работы обучающихся:

1. Научно-библиографический отдел, корп.1, ауд. 142. Оборудован 3 персональными компьютера с доступом к локальной и глобальной компьютерным сетям.

2. Читальный зал гуманитарной литературы, корп. 2, ауд. 418. Оборудован 7 персональными компьютерами с доступом к локальной и глобальной компьютерным сетям.

3. Читальный зал естественной литературы, корп.6, ауд. 107а. Оборудован 5 персональными компьютерами с доступом к локальной и глобальной компьютерным сетям.

4. Отдел иностранной литературы, корп.2 ауд. 207. Оборудован 1 персональным компьютером с доступом к локальной и глобальной компьютерным сетям.

5. Библиотека юридического факультета, корп.9, ауд. 4. Оборудована 11 персональными компьютерами с доступом к локальной и глобальной компьютерным сетям.

6. Читальный зал географического факультета, корп.8, ауд. 419. Оборудован 6 персональными компьютерами с доступом к локальной и глобальной компьютерным сетям.

Все компьютеры, установленные в помещениях научной библиотеки, оснащены следующим программным обеспечением:

Операционная система ALT Linux;

Офисный пакет Libreoffice.

Справочно-правовая система «КонсультантПлюс»

## **9. Методические указания для обучающихся по освоению дисциплины**

During the internship, the student must keep a Diary. The diary is a document that records the implementation of the program of medical familiarization practice.

The student is obliged to keep a daily diary in the following form:

1. Brief description of hospital.
2. The calendar report.
3. Final report.

For students with disabilities and persons with disabilities on the basis of their written application the organization of practice is realized taking into account features of psychophysical development, individual opportunities and health status of students. This ensures compliance with the following General requirements: use of special technical means of training collective and individual use, provision of services of the assistant rendering such learner needs technical assistance, convenient access to buildings and premises where practices are held, other conditions without which it is impossible or difficult passing practice.

Choice of places of practice for disabled people and persons with disabilities it is made taking into account the requirements of accessibility for students and recommendations medical and social expertise reflected in the individual rehabilitation program invalid's. At the direction of the disabled person or the person with HIA in the organization, on the enterprise for the head agrees with the enterprise on passing of industrial practice conditions of its passing and types of activity taking into account recommendations medico-social examination and individual rehabilitation program of the disabled person.

For the development of the theoretical part of the practice of the disabled and persons with disabilities health opportunities are provided the opportunity to use electronic technologies, remote mastering of material by providing tasks and their control through the Internet, as well as individual consultations with the application of both e-mail, and visual communication using "Skype".

When performing the experimental part of the practice as needed additional means of protection are provided, individual assistance is provided training and support personnel, as well as other activities taking into account nosologies diseases of students.

Format of protection of practice reports for persons with disabilities and persons with disabilities it is established taking into account their individual psychophysical features (orally, in writing, using electronic or other technical means). In the process of protection the student with HIA has the right to use the necessary technical means.

For the visually impaired, a portable video magnifier may be provided, possibly using your own devices. For deaf and hard of hearing students can be the sound amplifying equipment is presented, it is possible to use the equipment individual use. At the request of a student with HIA in the process of protecting the report on in practice, the presence of an assistant can be provided to assist the student the necessary technical assistance, taking into account its individual characteristics. By if necessary, persons with disabilities and persons with disabilities may be granted additional time preparation of replies in the reports of the practice.

During the period of restrictive measures that prevent the conduct of educational practices in the educational process in the usual manner (self-isolation, quarantine, observation), in order to carry out educational practice in



providing first aid, the educational institution establishes a special distance learning mode. At the same time, the main task of educational practice is to acquire professional skills and abilities, provided with the help of remote technologies: mastering the material by providing assignments and monitoring them through Internet resources, group and individual consultations using both e-mail and visual communication based on online platforms providing text, voice and video communication over the Internet. In this case, the reporting document for practice will be a "report"

## Фонды оценочных средств для проведения промежуточной аттестации

### Планируемые результаты обучения по дисциплине для формирования компетенции. Индикаторы и критерии их оценивания

#### ОПК.6

**Способен оказывать первую помощь на территории фармацевтической организации при неотложных состояниях у посетителей до приезда бригады скорой помощи**

Компетенция	Планируемые результаты обучения	Критерии оценивания результатов обучения
<p><b>ОПК.6.1</b> Осуществляет простейшие инструментальные исследования и оценивает общее состояние больного до приезда бригады скорой помощи</p>	<p>To know: the main instrumental methods for assessing the General condition of the patient. To be able to: conduct the simplest instrumental research. To possess: skills of carrying out the simplest instrumental researches, an assessment of the General condition of the patient before arrival of crew of ambulance.</p>	<p style="text-align: center;"><b>Неудовлетворительно</b> The student is not able to assess the General condition of the patient before the arrival of the ambulance.</p> <p style="text-align: center;"><b>Удовлетворительно</b> The student is able to conduct simple instrumental studies, but it is difficult to assess the General condition of the patient before the arrival of the ambulance.</p> <p style="text-align: center;"><b>Хорошо</b> The student is able to conduct simple instrumental studies, is able to assess the General condition of the patient before the arrival of the ambulance, there are difficulties in interpreting the detected pathology.</p> <p style="text-align: center;"><b>Отлично</b> The student is able to conduct simple instrumental studies, is able to assess the General condition of the patient before the arrival of the ambulance.</p>
<p><b>ОПК.6.2</b> Проводит мероприятия по оказанию первой помощи посетителям при неотложных состояниях до приезда бригады скорой помощи</p>	<p>To know: the main clinical signs of pathological conditions that threaten the life of the patient (victim) and require emergency pre-medical care, the order and order of implementation of pre-medical care to save the lives of victims and suddenly ill. To be able to: assess the General condition of a suddenly ill or injured; - use first aid techniques, provide pre-medical care to victims-identify signs of clinical death and carry out resuscitation measures in the provision of self-help, mutual assistance, interact</p>	<p style="text-align: center;"><b>Неудовлетворительно</b> The mark "unsatisfactorily" is put if the student at the answer: finds ignorance or misunderstanding of the most or the most essential part of the content of educational material, can't correct mistakes by means of leading questions of the examiner, admits rough violation of logic of statement.</p> <p style="text-align: center;"><b>Удовлетворительно</b> The mark "satisfactory" is set if the student, stating the answer to the question, makes significant mistakes. The answer is reproductive in nature. The student discovers the inability to apply laws, laws to explain specific phenomena and facts. The student needs help from the examiner (by leading questions, small explanations, etc.) when answering, there is a</p>

	<p>with emergency medical teams and rescuers, prepare the patient for transportation; monitor and care for victims during transportation, depending on the nature of the damaging factor.</p> <p>To possess: skills of first aid in emergency situations, resuscitation in trauma, thermal lesions.</p>	<p><b>Удовлетворительно</b> violation of the logic of presentation.</p> <p><b>Хорошо</b> The mark "good" is exposed, if the student gives the answer, characterized by less thoroughness and depth of presentation • * allows minor errors in the presentation of theoretical material, corrected after an additional question of the examiner; • relies on the construction of the answer only on the required literature; • does not clearly answer additional questions.</p> <p><b>Отлично</b> The mark "excellent" is exhibited if the student gives a complete and correct answer to the questions posed in the examination ticket and additional (if necessary) questions • * thoroughly reveals the relevant methodological and theoretical provisions of the discipline; * analyzes scientific, popular scientific sources in answering the questions; • discovers knowledge of the basic laws, laws, processes, their theoretical and practical significance; • presents the material in logical sequence in scientific Russian; * is able to support theoretical positions with practical examples.</p>
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### Оценочные средства

**Вид мероприятия промежуточной аттестации :** Экзамен

**Способ проведения мероприятия промежуточной аттестации :** Защищаемое контрольное мероприятие

**Продолжительность проведения мероприятия промежуточной аттестации :**  
время отводимое на доклад 1

### Показатели оценивания

The student did not come to practice or did not issue a diary of practice and did not write a report.	<b>Неудовлетворительно</b>
The diary of practice and the report on it is issued not according to criteria, at protection of work the student does not answer the asked questions or refuses oral protection.	<b>Удовлетворительно</b>
The diary of practice and the report on it is issued according to criteria, but at protection of work the student answers not all asked questions.	<b>Хорошо</b>
The diary of practice and the report on it is issued according to criteria, at protection of work the student answers all asked questions.	<b>Отлично</b>