

МИНОБРНАУКИ РОССИИ

**Федеральное государственное бюджетное образовательное
учреждение высшего образования "Пермский
государственный национальный исследовательский
университет"**

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Программа учебной практики
MEDICAL FAMILIARIZATION PRACTICE
Код УМК 93094

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 получению первичных профессиональных умений и навыков, в том числе первичных умений и навыков научно-исследовательской деятельности**

Способ проведения практики **стационарная, выездная**

Форма (формы) проведения практики **дискретная**

2. Место практики в структуре образовательной программы

Учебная практика « Medical familiarization practice » входит в Блок « С.2 » образовательной программы по направлениям подготовки (специальностям):

Специальность: **33.05.01** Фармация

направленность Программа широкого профиля (для иностранных граждан)

Цель практики :

Familiarization of students with the work of multidisciplinary medical institutions, consolidation of skills in providing first aid and caring for patients.

Задачи практики :

The objectives of the educational practice "Medical familiarization practice" are:

- acquaintance with the structure and organization of the hospital;
- acquaintance with the work of departments, diagnostic and treatment rooms, nosocomial pharmacy;
- studying the design of prescription sheets, rules for discharging, receiving, storing and dispensing medicines to patients;
- acquaintance with the packages of medicines and available leaflets (in the amount of medicines available at nursing posts, in a nosocomial pharmacy, etc.);
- acquaintance with the primary skills in caring for patients and performing some nursing manipulations, in particular, acquiring the skills of opening ampoules, vials, practicing the technique of drawing drugs into a syringe;
- Acquisition of skills in caring for seriously ill and injured people (skin care and prevention of pressure sores, change of underwear and bed linen, delivery of the vessel and urine collection bag, help with eating);
- acquisition of skills in the treatment of premises with disinfectants;
- familiarization with the nature of sanitary education in a medical institution.
- mastering the principles of medical ethics and deontology.

3. Перечень планируемых результатов обучения

В результате прохождения практики **Medical familiarization practice** у обучающегося должны быть сформированы следующие компетенции:

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

ОК.4 критически анализировать и оценивать свой профессиональный и социальный опыт, при необходимости готовность изменить профиль своей профессиональной деятельности, демонстрировать готовность к саморазвитию и самосовершенствованию, повышению профессионального уровня и мастерства

ОПК.15 способность и готовность реализовать этические и деонтологические принципы в профессиональной деятельности

ПК.13 способность к оказанию консультативной помощи медицинским работникам и потребителям лекарственных препаратов в соответствии с инструкцией по применению лекарственного препарата

4. Содержание и объем практики, формы отчетности

Medical familiarization practice is a continuation of the educational process, during its passage, students consolidate and expand their theoretical knowledge and skills. Students undergo medical introductory practice on the basis of multidisciplinary medical institutions. Medical familiarization practice provides for the introduction of students with the structure of a multidisciplinary medical institution and a nosocomial pharmacy, monitoring the general condition of patients with various diseases and injuries, performing the simplest medical procedures and patient care measures.

Направления подготовки	33.05.01 Фармация (направленность: Программа широкого профиля (для иностранных граждан))
форма обучения	очная
№№ триместров, выделенных для прохождения практики	10
Объем практики (з.е.)	3
Объем практики (ак.час.)	108
Форма отчетности	Экзамен (10 триместр)

Примерный график прохождения практики

Количество часов	Содержание работ	Место проведения
Acquaintance with the structure of the medical institution, the organization of the protective and sanitary regime		
17	Safety briefing. Introductory lecture "Types of medical institutions". Acquaintance with the clinical base. Organization of the work of the admission department.	Hospitals in Perm
Acquaintance with the work of the hospital pharmacy and the internal medicine department		
19	Mastering the deontological aspects of patient care. Rules for the receipt, storage and use of medicines. Types of transportation of patients. Filling out the practice diary.	Hospitals in Perm
Getting to know the work of the nursing post		
17	Acquaintance with the organization of work of the therapeutic department. Study of the functional responsibilities of junior nurses. Acquaintance with the sanitary regime of the hospital. Filling out the diary.	Hospitals in Perm
Acquaintance with the work of procedural, dressing and examination rooms		
17	Acquaintance with the organization of the treatment room. Familiarization with the manipulations with subcutaneous, intramuscular and intravenous administration of drugs. Mastering the rules of HIV prevention. Acquaintance with the organization of dressing and examination rooms. Familiarization with the methods of dressing different parts of the patient's body. Filling out the diary or report.	Hospitals in Perm

Количество часов	Содержание работ	Место проведения
Practicing practical skills in performing individual treatment procedures		
18	Strengthening the skills of preparing drugs for the injection procedure (opening an ampoule, vial, adding a solvent, taking a drug into a syringe for injection), treating premises with disinfectant solutions. Filling out a diary or report.	Hospitals in Perm
Practicing practical skills in caring for seriously ill patients		
20	Mastering the skills of feeding and drinking patients, changing clothes, moving to a wheelchair, treating the skin for the prevention of bedsores. Summing up the results of the practice. Certification of students.	Hospitals in Perm

5. Перечень учебной литературы, необходимой для проведения практики

Основная

1. William F. Bria. Digital Communication in Medical Practice / William F. Bria, Nancy B. Finn // Publisher Name: Springer, London. — 2009. — 171 p. — ISBN 978-1-84882-355-6. — [Электронный ресурс]. <https://link.springer.com/book/10.1007/978-1-84882-355-6>

2. Lee Bach Lu. Leading an Academic Medical Practice / Lee Bach Lu, Ernie-Paul Barrette, Craig Noronha, Halle G. Sobel, Daniel G. Tobin // Publisher Name: Springer, Cham. — 2018. — 345 p. — ISBN 978-3-319-68267-9. — [Электронный ресурс]. <https://link.springer.com/book/10.1007/978-3-319-68267-9>

Дополнительная

1. Staci Defibaugh. Nurse Practitioners and the Performance of Professional Competency / Staci Defibaugh // Publisher Name: Palgrave Macmillan, Cham. — 2018. — 133 p. — ISBN 978-3-319-68354-6. — [Электронный ресурс]. <https://link.springer.com/book/10.1007/978-3-319-68354-6>

2. Keeley C. Nurse Educator's Guide to Best Teaching Practice / Keeley C. Harmon, Joe Ann Clark, Jeffery M. Dyck, Vicki Moran // Publisher Name: Springer, Cham. — 2016. — 140 p. — ISBN 978-3-319-42539-9. — [Электронный ресурс]. <https://link.springer.com/book/10.1007/978-3-319-42539-9>

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

При прохождении практики требуется использование следующих ресурсов сети «Интернет» :

- www.lekmed.ru** Медицинский справочник
- www.sisterflo.ru** Медицинский сайт
- www.samlib.ru** Журнал "Самиздат"
- www.zdrav.ru** Портал информационной поддержки специалистов ЛПУ
- www.iprbookshop.ru** Электронно-библиотечная система IPRbooks

7. Перечень информационных технологий, используемых при проведении практики

Образовательный процесс по практике **Medical familiarization practice** предполагает использование следующего программного обеспечения и информационных справочных систем:

Online access to the Electronic Library System (ELS)

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.).

List of required licensed and (or) free software:

1. An application that allows you to view and play the media content of PDF files "Adobe Acrobat Reader DC".
2. Programs, demonstration of video materials (player) "WindowsMediaPlayer".
3. Program for viewing Internet content (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 of MFP.docx

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

1. Classes of a seminar type (seminars, workshops) - An auditorium equipped with presentation equipment (projector, screen, computer / laptop) with appropriate software, chalk (s) or marker board.
2. Monitoring - Auditorium equipped with presentation equipment (projector, screen, computer / laptop) with appropriate software, chalk (s) or whiteboard.
3. Independent work - Premises of the Federal State Budgetary Healthcare Institution "Perm Clinical Center Federal Medical and Biological Agency of Russia"

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, students are required to:

- follow the established work schedule and follow the instructions of the practice leaders;
- observe the protective and sanitary regime of the medical institution;
- daily record the results of work in the diary, certifying them with the signature of the responsible person;
- in the last entry in the diary make a summary in which to highlight the main re-sults of the practice;
- pass the test for the practice of the teacher of the department in due time.

The student has the right:

- get acquainted with the work of the departments of the medical institution;
- familiarize yourself with medical documentation (prescription sheets, medication logs, etc.) to the extent necessary to complete the practice program;
- discuss the questions of interest with the heads of the practice.

During the internship, the student must keep a "Diary of Medical familiarization 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 communications over the Internet. In this case, the reporting document for practice will be a "report".

For students from among the disabled and persons with disabilities, on the basis of their written application, the organization of practice is implemented taking into account the characteristics of psychophysical development, individual capabilities and health status of students. At the same time, compliance with the following general requirements is ensured: the use of special technical training aids for collective and individual use, the provision of assistant services that provides such a student with the necessary technical assistance, ensuring convenient access to buildings and premises where practices are held, other conditions without which it is impossible or difficult to pass practice. The choice of places for internship for people with disabilities and persons with disabilities is made taking into account the requirements of accessibility for students and the recommendations of medical and social expertise, reflected in the individual rehabilitation program for a disabled person. When sending a disabled person or a person with disabilities to an organization, for the internship, the manager agrees with the organization the conditions for its passage and types of activities, taking into account the

recommendations of the medical and social examination and the individual rehabilitation program for the disabled. To master the theoretical part of the practice, disabled people and people with disabilities are given the opportunity to use electronic technologies, remote mastering of material by providing assignments and monitoring them via the Internet, as well as individual consultations using both e-mail and visual communication using Skype. When performing the experimental part of the practice, additional means of protection are provided as necessary, individual assistance of educational support personnel is provided, as well as other measures taking into account the nosologies of the disease of students. The format for the protection of reports on practice for persons with disabilities and persons with disabilities is established taking into account their individual psychophysical characteristics (orally, in writing, using electronic or other technical means). In the process of defending the report on practice, a student with disabilities has the right to use the technical means necessary for him. For the visually impaired, a portable video enlarger can be provided, it is possible to use your own devices. For deaf and hard of hearing students, sound amplifying equipment can be presented, it is possible to use equipment for individual use. At the request of a student with disabilities, in the process of defending the report on practice, the presence of an assistant who provides the student with the necessary technical assistance, taking into account his individual characteristics, can be provided. If necessary, persons with disabilities and persons with disabilities may be given additional time to prepare responses when defending practice reports.

Фонды оценочных средств для проведения промежуточной аттестации

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

Компетенция	Планируемые результаты обучения	Критерии оценивания результатов обучения
<p>ОПК.15 способность и готовность реализовать этические и деонтологические принципы в профессиональной деятельности</p>	<p>Know the aspects of integrative interactions with the medical staff of the department and employees of other departments of the clinic, the basic principles of biomedical ethics. Be able to observe the basic principles of bioethics in relation to medical and nursing staff. Have the skills of integrative interactions with the medical staff of the department and employees of other departments of the clinic.</p>	<p style="text-align: center;">Неудовлетворительно</p> <p>The student is not able to effectively interact with the medical staff of the department and employees of other departments of the clinic.</p> <p style="text-align: center;">Удовлетворительно</p> <p>The student is able to effectively interact with the medical staff of the department and employees of other departments of the clinic, but has little understanding of the principles of biomedical ethics.</p> <p style="text-align: center;">Хорошо</p> <p>The student is able to effectively interact with the medical staff of the department and staff of other departments of the clinic, but does not fully understand the principles of biomedical ethics.</p> <p style="text-align: center;">Отлично</p> <p>The student is able to effectively interact with the medical staff of the department and staff of other departments of the clinic, understand the principles of biomedical ethics.</p>
<p>ОК.4 критически анализировать и оценивать свой профессиональный и социальный опыт, при необходимости готовность изменить профиль своей профессиональной деятельности, демонстрировать готовность к саморазвитию и самосовершенствованию, повышению профессионального</p>	<p>Know the main symptoms of emergencies in a therapeutic clinic and the principles of providing emergency first aid for acute respiratory and cardiovascular failure, with cardiovascular disease, with signs of bleeding from the respiratory system and organs of the gastrointestinal tract, with acute urinary retention, with the appearance of skin changes (bedsores), anaphylactic shock. Be able to provide appropriate medical care. Have the practical skills to support quality patient care.</p>	<p style="text-align: center;">Неудовлетворительно</p> <p>The student is unable to provide appropriate medical care.</p> <p style="text-align: center;">Удовлетворительно</p> <p>The student is able to provide appropriate medical assistance, but his actions are not sufficiently substantiated.</p> <p style="text-align: center;">Хорошо</p> <p>The student is able to provide appropriate medical assistance, but his actions are not fully justified.</p> <p style="text-align: center;">Отлично</p> <p>The student is able to provide appropriate medical care.</p>

<p>уровня и мастерства</p> <p>ПК.13 способность к оказанию консультативной помощи медицинским работникам и потребителям лекарственных препаратов в соответствии с инструкцией по применению лекарственного препарата</p>	<p>Know: the features of the pharmacokinetics and pharmacodynamics of drugs in healthy individuals and in pathology.</p> <p>The drug belongs to certain pharmacotherapeutic groups, the pharmacodynamics and pharmacokinetics of the drug, the most important side and toxic effects, the main indications and contraindications for use. Dosing of drugs taking into account the nature of the disease, chronobiology and chronopharmacology.</p> <p>Pharmacogenetic features of drug therapy.</p> <p>To be able to: identify groups of drugs for the treatment of a specific disease and make the choice of the most effective and safe drugs. Predict and evaluate unwanted drug reactions, know the procedure for their registration. Determine the optimal dosage regimen.</p> <p>Explain the effect of drugs prescribed by specialists based on the etiology and pathogenesis of diseases, as well as their symptomatic and syndromic manifestations. Inform the population about the main characteristics of drugs, belonging to a certain pharmacotherapeutic group, indications and contraindications for use, the possibility of replacing one drug with another and rational reception and storage rules.</p> <p>Own: ways of determining the needs of drug consumers. Provide information and consulting services.</p>	<p>Неудовлетворительно</p> <p>The student is unable to provide advice on the rules of admission and dosage regimen medicines, their storage and medical indications.</p> <p>Удовлетворительно</p> <p>The student is able to provide advice on the rules of admission and dosage regimen medicines, their storage and medical indications. Not able to advise on the use and compatibility of drugs, their interaction with food, or makes gross mistakes.</p> <p>Хорошо</p> <p>The student is able to provide advice on the rules of admission and dosage regimen medicines, their storage and medical indications. Able to advise on the use and compatibility of drugs, their interaction with food. Difficulties arise with the interpretation of the provisions of normative legal acts regulating circulation of drugs and pharmacy goods, outdated after leading questions from the teacher.</p> <p>Отлично</p> <p>The student is fully able to provide advice on the rules of admission and dosage regimen of drugs, their storage and medical indications. Able to advise on the use and compatibility of drugs, their interaction with food, interpret the provisions of regulatory legal acts regulating the circulation of drugs and pharmacy products, which are eliminated after leading questions from the teacher.</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 .5

Показатели оценивания

The student did not show up for the practice or did not complete the practice diary and did not write the report.	Неудовлетворительно
The practice diary and the report on it are not drawn up in accordance with the criteria; when defending the work, the student does not answer the questions asked or refuses oral defense.	Удовлетворительно
The practice diary and the report on it are drawn up in accordance with the criteria, but when defending the work, the student does not answer all the questions asked.	Хорошо
The practice diary and the report on it are drawn up in accordance with the criteria, when defending the work, the student answers all the questions asked.	Отлично