



MINISTRY OF SCIENCE AND HIGHER EDUCATION AND OF THE RUSSIAN  
FEDERATION

Federal state autonomous educational institution  
of higher education

«Far Eastern Federal University»  
(FEFU)

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**SCHOOL OF BIOMEDICINE**



«APPROVED»

Director of School of Biomedicine

Khotimchenko Yu.S.

(signature) Full name)

«14» January 2021

**WORKING PROGRAMS OF THE EDUCATIONAL AND  
PROFESSIONAL PRACTICAL TRAININGS SPECIALTY**

**31.05.01 General Medicine**

Form of study: full time  
Standard term of study  
(full time study) 6 years

Vladivostok  
2021



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**SCHOOL OF BIOMEDICINE**

«AGREED»

Head of education program  
«General medicine»

(signature)

Khotimchenko Yu.S.  
(Full name)



«14» January 2021

«APPROVED»

Director of the Department of  
Clinical Medicine

(signature)

Geltser B.I.  
(Full name)

«14» January 2021

**WORKING PROGRAM OF EDUCATIONAL PRACTICE (WPET)**

**Учебная практика «Практика по получению первичных профессиональных умений и навыков, в том числе первичных умений и навыков научно-исследовательской деятельности»**

**Educational practice « Primary Educational Medical Practical Training »**

Education program

Specialty 31.05.01 «General medicine»

**Form of study: full time**

Working program is compiled in accordance with the requirements of the Federal State Educational Standard for the direction of training 31.05.01 General Medicine, approved by order of the Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020 No. 988

The work program of the discipline was discussed at a meeting of the Department of Clinical Medicine. Protocol No. 5 of January 14, 2021

Compiled by: Doctor of Medical Sciences, Professor Beniova S.N., Candidate of Medical Sciences, Associate Professor Korableva E.V.

1. Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «  
\_\_\_\_\_» 202\_\_г. №
2. Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
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\_\_\_\_\_ 202\_\_г. №
4. Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_ 202\_\_г. №
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\_\_\_\_\_ 202\_\_г. №

## **ANNOTATION**

### **1. PURPOSES OF LEARNING PRACTICE**

The objectives of the training practice are to acquire knowledge and skills in patient care for the acquisition of practical skills and competencies in the field of professional medical activity, as well as preparation for preventive, curative, organizational and managerial activities with the acquisition of primary professional knowledge and skills in caring for therapeutic and surgical patients.

### **2. OBJECTIVES OF LEARNING PRACTICE**

The tasks of educational practice are:

- stimulation of interest in the chosen profession;
- development of practical skills in the field of preventive and anti-epidemiological measures aimed at preventing the occurrence of infectious diseases, carrying out basic manipulations and procedures for caring for patients of a therapeutic profile of various ages and with various diseases during their stay in a hospital, organizing work and determining the functional responsibilities of a junior medical personnel of medical organizations;
- study by students of the theoretical foundations of patient care;
- training in methods of fulfilling the sanitary and epidemiological regime in medical organizations and caring for patients with a therapeutic profile;
- acquisition by students of practical skills in nursing patients of a surgical profile;
- study of the organization of work of middle and junior medical personnel;
- study and mastery of skills for carrying out various types of sanitization of patients;
- study of the principles of storage and use of medicines;
- teaching students the skills to provide first aid;
- familiarization of students with the principles of organization and work of medical departments of clinical hospitals;
- formation of communication skills with patients, taking into account the ethical and deontological features of surgical pathology;
- formation of a creative approach to the treatment process and its participants (patients, relatives of patients, junior and middle medical personnel, doctors);

- formation of the student's communication skills in a team;
- formation of a holistic view of nursing care as an integral part of the treatment process.
- the formation of a humanistic position and worldview.

### **3. THE PLACE OF LEARNING PRACTICE IN THE STRUCTURE OF EPHE**

Practice Б2.О.01 (Y) refers to the mandatory part of Block 2 of the curriculum in the direction (specialty) 31.05.01 "General Medicine". Practice is carried out on the 1st year in the 1st semester.

To pass the practice, knowledge, skills and abilities, formed by previous practices, are necessary:

**Knowledge:** subjects of the general education program in biology, physics, chemistry, history, Russian language, mathematics, basics of medical ethics;

**Skills:** use household appliances and small-scale mechanization;

**Skills:** Basic communication skills.

An internship is necessary to gain knowledge, skills and abilities formed by subsequent practices:

**Knowledge:** Course of Internal Medicine, Normal Physiology, Social Hygiene, Public Health and Public Health;

**Skills:** to use the principles of medical ethics and deontology in everyday work in therapeutic practice; to collect information about the patient, care and provide emergency first aid necessary for the implementation of the production practice "Assistant of junior medical personnel";

**Skills:** free use of the medical conceptual apparatus, compliance with the sanitary and epidemic regime in health facilities, the use of special patient care products and disinfection of care products.

The passage of educational practice is a necessary condition for the successful formation of general professional competencies.

#### 4. TYPES, METHODS, PLACE AND TIME OF LEARNING PRACTICE

General information about the practice is presented in Table 1.

Type of practice	Educational practice
Practice type	Introductory practice
Method of carrying out	Stationary / Mobile
Form(s) of holding	discrete / dispersed
Scope of practice in credit units	3 credits
Practice duration	108 ac. hour.
Course, semester	1 course, 1 semester
	Structural subdivisions of the FEFU School of Medicine, specialized institutions and organizations: FEFU Medical Center, Vladivostok Clinical Hospital No. 2, Regional Clinical Hospital No. 2, Establishment of the Russian Academy of Sciences Medical Association of the Far Eastern Branch of the Russian Academy of Sciences

The educational practice is stationary, carried out in the form of clinical practical classes lasting 6 academic hours, aimed at familiarizing with the features of professional work, including the performance of temporary one-time or permanent tasks on behalf of the heads and specialists of the institutions of the place of internship.

For persons with disabilities, the choice of places for internship is consistent with the requirement of their accessibility for these students, and the practice is carried out taking into account the peculiarities of their psychophysical development, individual capabilities and health status.

#### 5. STUDENT COMPETENCES FORMED AS A RESULT OF TRAINING PRACTICE

The planned learning outcomes during the internship are knowledge, skills, possessions and (or) activity experience that characterize the stages (levels) of competency formation and ensure the achievement of the planned results of mastering the educational program as a whole. The list of competencies formed as a result of training during internship is given.

General professional competencies of graduates and indicators of their achievement:

<b>Name of the category (group) of general professional competencies</b>	<b>Code and name of general professional competence (the result of mastering)</b>	<b>Code and name of the indicator of achievement of competence</b>
First aid	GPC-6 Able to organize patient care, provide primary health care, ensure the organization of work and professional decision-making in pre-hospital emergencies, in emergency situations, epidemics and in centers of mass destruction	GPC-6.2 Owns the algorithm for providing first aid at the prehospital stage in case of emergency, including the skills of basic cardiopulmonary resuscitation

<b>Code and name of the indicator of achievement of competence</b>	<b>The name of the assessment indicator (the result of training in the discipline)</b>
GPC-6.2 Owns the algorithm for providing first aid at the prehospital stage in case of emergency, including the skills of basic cardiopulmonary resuscitation	Knows: Knows the rules for performing basic cardiopulmonary resuscitation
	Able to: apply knowledge of first aid and medical care at the pre-hospital stage in case of emergency. Able to determine the volume of emergency medical care at the prehospital stage. provide emergency medical care in conditions requiring urgent medical intervention
	Skilled in the algorithms for providing medical care in conditions that pose a threat to the patient's life, including circulatory and respiratory arrest, the skills of using medicines in emergency medical care. Owns the algorithm for performing basic cardiopulmonary resuscitation

<b>Task type</b>	<b>Code and name of professional competence (the result of mastering)</b>	<b>Code and name of the indicator of achievement of competence</b>
Medical	PC - 1 Ready to participate in the provision of medical care in emergency or emergency forms	PC 1.1. Has the ability to assess the condition of a patient requiring emergency or emergency medical care
Code and name of the indicator of achievement of competence	The name of the assessment indicator (the result of training in the discipline)	
PC 1.1. Has the ability to assess the condition of a patient requiring medical care in emergency or emergency forms	Knows the etiology, pathogenesis, clinical picture, principles of differential diagnosis, complications and outcomes of diseases of internal organs and clinical signs of emergency conditions. Knows the methods of examination of patients whose condition requires emergency care	
	Able to identify clinical signs of conditions requiring emergency medical care, including clinical symptoms of circulatory and respiratory arrest	

	Has a readiness to recognize conditions that pose a threat to the life of the patient, including conditions of clinical death that require medical care in an urgent and emergency form.
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## 6. STRUCTURE AND CONTENT OF TRAINING PRACTICE

The total labor intensity of educational practice is 3 credit units, 108 hours.

Practice Stage	Approximate types of work in practice, including independent work of students	Labor intensity (in hours)	Form and frequency of current control
Organizational	obtaining primary information about the goals, objectives and organization of activities at the place of internship; receiving an individual task; familiarization with the rules of labor protection and safety in the organization	6 hours	Oral questioning
Basic	Implementation of the substantive part of the practice program. Fulfillment of individual tasks Consultations with the head of practice from the base of practice and the head from the department.	90 hours. / 2,5 C.U.	Oral questioning
Final	Completion of work on the implementation of individual tasks; description of the tasks performed during the internship; determination of the results of activities in the chosen subject area; process introspection.	12 hours	Oral questioning Practice report

## 7. EDUCATIONAL AND METHODOLOGICAL SUPPORT FOR STUDENTS' INDEPENDENT WORK IN EDUCATIONAL PRACTICE

Guidelines for the preparation and conduct of practice

1. Training practice is carried out during training at the main clinical bases.
2. The employees of the department supervise the educational practice.
3. Training practice begins with a seminar in the direction of practice, ends with passing the test.
4. The main obligatory document for the passage of educational practice is a diary.
5. During the course of practical training, students of the 1st year in the



direction of preparation 31.05.01 General Medicine master professional competencies.

6. The head of practice is an assistant of the department responsible for conducting educational practice, responsible for conducting educational practice at the clinical base is an employee appointed by the head of the medical organization (nurse, head nurse, head nurse).

During the training practice in the departments, students consolidate the theoretical knowledge gained in practical classes, master practical skills in caring for patients, monitor and care for patients with acute and chronic therapeutic and surgical diseases and injuries. They carry out simple medical manipulations, take measures to comply with the rules of asepsis and antisepsis, the conditions for sterilizing instruments and materials.

During the period of training practice, each student keeps a diary, which reflects the amount of work performed and mastered practical skills.

Independent work of students during the educational practice is carried out in the departments under the supervision of the teacher and medical staff of the hospital.

Work with educational literature is considered as a type of educational work on educational practice and is carried out within the hours allotted for its study.

Each student is provided with access to the library funds of the FSAEI HPE "FEFU" and the department.

During the internship, students independently conduct educational and research work (ERW) on the topic "The prevalence of overweight in patients with high blood pressure", health education work in the form of health bulletins or health education conversations with patients, draw up UIRS cards (according to 5 for each student), diaries of educational practice and provide a summary report on the data (ERW), forms of health education work indicating the topic of health bulletins or conversations with patients (indicating the number of listeners), completed diaries of educational practice "Practice for obtaining primary professional skills and skills, including the primary skills and abilities of research activities.

Drawing up a diary of educational practice and a summary report according to ERW data contribute to the formation of skills in filling out reporting medical documentation, carrying out preventive measures at all stages of the work of junior medical personnel, research and health education work.

The work of a student in the departments of a multidisciplinary hospital under the supervision of a teacher and medical staff forms a sense of teamwork and sociability.

Teaching students contributes to the development of their communication skills with the patient, taking into account the ethical and deontological features of the pathology and the patients themselves. Independent work with patients contributes to the formation of professional behavior, accuracy, discipline.

At the end of the training practice, an intermediate control of knowledge is carried out using test control, testing of practical skills, conducting an interview based on the results of the training practice with an assessment of keeping a diary of training practice.

The issues covered during the educational practice "Introductory Practice" are included in the Final State Attestation of Graduates.

### **Rules for designing a practice diary**

1. The diary is an official document on educational practice. It must be written legibly, competently, in medical language.

2. Entries in the diary are kept daily at the end of the working day and should reflect all the work performed in the hospital departments.

3. At the beginning of the report on the practice, a brief description of the department is given: the profile of the department, the number of beds, the staff of the department, the presence of auxiliary rooms, etc.

4. After the end of the practice, the student, based on the entries in the diary, must fill out a summary digital report on the work done.

5. Sanitary and educational work is carried out in the form of conversations, issuance of sanitary bulletins; its content, place and time should be reflected in the diary and certified by the signature of the direct leader of the practice.

6. All students during the training practice perform UIRS in the form of an abstract or fill out UIRS cards, which are submitted together with the diary for verification by the assistant-head of the practice.

## 8. FORMS OF CERTIFICATION ON THE RESULTS OF PRACTICE

8.1. Fund of assessment tools for conducting intermediate certification of students in practice

Based on the results of the training practice, the student submits a test with an assessment.

8.1.1. A list of competencies that students should master as a result of mastering the educational program, a description of indicators and criteria for their assessment at various stages of formation, an assessment scale.

During certification, the formation of the following competencies is assessed:

GPC-6.2 Owns the algorithm for providing first aid at the prehospital stage in case of emergency, including the skills of basic cardiopulmonary resuscitation	Knows: Knows the rules for performing basic cardiopulmonary resuscitation	Evaluation of the practice report
	Able to: apply knowledge of first aid and medical care at the pre-hospital stage in case of emergency. Able to determine the volume of emergency medical care at the prehospital stage. provide emergency medical care in conditions requiring urgent medical intervention	Evaluation of the practice report
	Skilled in the algorithms for providing medical care in conditions that pose a threat to the patient's life, including circulatory and respiratory arrest, the skills of using medicines in emergency medical care. Owns the algorithm for performing basic cardiopulmonary resuscitation	Evaluation of the practice report
PC 1.1. Has the ability to assess the condition of a patient requiring medical care in emergency or emergency forms	Knows the etiology, pathogenesis, clinical picture, principles of differential diagnosis, complications and outcomes of diseases of internal organs and clinical signs of emergency conditions. Knows	Evaluation of the practice report

	the methods of examination of patients whose condition requires emergency care	
	Able to identify clinical signs of conditions requiring emergency medical care, including clinical symptoms of circulatory and respiratory arrest	Evaluation of the practice report
	Has a readiness to recognize conditions that pose a threat to the life of the patient, including conditions of clinical death that require medical care in an urgent and emergency form.	Evaluation of the practice report

### 8.1.2. Evaluation scale and criteria for evaluating the results of defending a practice report

At the end of the internship, the student submits the completed diary, ERW cards (5 pcs or an abstract) to the head of the practice. The head of the practice from the FEFU department conducts an interview based on the results of the practice.

The main criteria for evaluating educational practice

- correctly and accurately executed all necessary documents;
- positive characteristics of the immediate head of the practice from the medical organization;
- clear and competent answers to the questions of the head of the educational practice from the department at the stage of the interview based on the results of the educational practice.

Based on the results of the training practice, the student submits a test with an assessment.

Passing the test based on the results of the internship is carried out by publicly defending the report on the implementation of the internship program before a commission formed by the director of the department, the head of which was appointed by order to send students to practice.

Successful defense of the report should include: a short speech by the student about the results of the internship, as well as answers to the questions of the commission on the documents presented in the report and confirming the

implementation of the internship program.

During the defense, the student reports on the content of the work done during the internship. The student may be asked questions about the correctness of a decision taken on a specific case or practice material.

From the student, the head of practice from the School of Biomedicine or members of the practice protection commission have the right to demand answers to any questions that are related to the practice passed. If the student finds it difficult to answer these questions, he may be asked to additionally read the literature, study the material, and in some cases - again undergo an internship.

Based on the report and the defense of the results of the practice, the student is given a grade: credited (“excellent”, “good”, “satisfactory”), or not credited (“unsatisfactory”). The assessment is put down in the student's record book and in the statement by the head of his practice from the department.

### **Criteria for grading a student in the practice test**

<b>Grade</b>	<b>Requirements for the formed competencies</b>
<b>Passed ("Excellent")</b>	The grade credited (“excellent”) is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the assignment for practice, knows how to closely link theory with practice, freely copes with tasks, questions and other types of application of knowledge, knows how to give examples, answered all the questions during the defense of the practice, the answers are logical, deep and complete disclosure
<b>Passed ("Good")</b>	The grade credited (“good”) is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the practice assignment, copes well with tasks, questions and other types of application of knowledge, answered the main questions during the defense of the practice, the answers are different consistency and completeness of the disclosure of the topic, however, one or two inaccuracies in the answer are allowed
<b>Passed ("satisfactorily")</b>	The grade credited (“satisfactory”) is given to the student if he has completed the main part of the practice program, but is hardly able to use theoretical knowledge when completing the assignment in practice, generally copes with tasks, questions and other types of application of knowledge, answers to questions during the defense practices lack depth and completeness
<b>Not credited ("unsatisfactory")</b>	The grade is not credited (“unsatisfactory”) is given to a student who has not completed the practice program, is not able to use theoretical knowledge when completing the practice assignment, cannot cope with tasks, questions and other types of application of knowledge, has not answered the main questions during the defense of the practice

A student who has not completed the practice program for a good reason is sent to practice again in his free time from classroom studies. A student who fails to complete an internship program without a valid reason or receives an unsatisfactory grade is considered to have an academic debt. The liquidation of this debt is carried out in accordance with the FEFU regulations.

### 8.1.3 Methodological materials defining the assessment procedure

#### Preparation of a practice report

The study practice report is compiled in accordance with the main stage of the practice program and reflects the implementation of an individual task. The volume of the report should be 15-20 pages of typewritten text (excluding appendices). The report is drawn up on A4 paper and bound in a single block. The text of the report is presented on one side of the sheet, in Times New Roman font, size 14, with 1.5 intervals. Each page of the work is drawn up with the following margins: left - 30 mm; right - 10 mm; top - 20 mm; lower - 20 mm. Paragraph indentation in the text - 1.5 cm. All pages of the work must have continuous numbering, including applications. The numbering is in Arabic numerals, with the page number placed in the lower right corner, starting from the table of contents after the title page. All structural elements of the practice report are stitched together.

The internship report should include the following documents:

1. Voucher (referral) to practice with notes on the day of arrival, departure, stamps and signatures of responsible persons;
2. Practice diary containing daily records of work performed. After the next week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);
- 3 The student-intern's report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options

for their elimination, their own assessment the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

Contents of report sections

Title page (Appendix 1)

Content

Introduction

Main part

-General characteristics of the practice base

-Description of the workplace and functional duties

- Individual task for internship (Appendix 2)

- Practice diary (Appendix 3)

Conclusion on the results of practice

List of used materials

## 9. EDUCATIONAL-METHODOLOGICAL AND INFORMATION SUPPORT FOR PRACTICE

### Main literature

1. Nursing in therapy: a textbook for universities / N. G. Petrova, V. N. Petrov, V. A. Lapotnikov, V. L. Emanuel; executive editor N. G. Petrova. - 3rd ed., Rev. and additional - Moscow: Yurayt Publishing House, 2021. - 495 p. <https://lib.dvfu.ru/lib/item?id=Urait:Urait-467794&theme=FEFU>

2. Nursing in surgery: textbook and workshop for universities / T. I. Okonenko, G. I. Chuvakov. — 2nd ed., corrected. and additional - Moscow: Yurayt Publishing House, 2020. - 158 p. <https://lib.dvfu.ru/lib/item?id=Urait:Urait-451623&theme=FEFU>

3. General nursing: textbook for universities: in English. lang. / V. N. Oslopov, O. V. Bogoyavlenskaya. M.: GEOTAR-Media, 2019. <https://lib.dvfu.ru/lib/item?id=chamo:881237&theme=FEFU>

4. General care for therapeutic patients [Electronic resource]: textbook / V. N. Kotelnikov, V. G. Seyidov, B. I. Geltser; Far Eastern Federal University, School of Biomedicine. Publishing House of the Far Eastern Federal University, 2018. <https://lib.dvfu.ru/lib/item?id=chamo:874520&theme=FEFU>

### Additional literature

*(printed and electronic editions)*

1. Sdrav.ru - information support portal for health care facility specialists / <https://www.zdrav.ru/rubric/89649-sestrinskie-manipulyatsii-i-protsess>

2. Lychev, VG Nursing in therapy. With a course of primary care: a textbook / V. G. Lychev, V. K. Karmanov. - 2nd ed., revised. and additional - Moscow: FORUM: INFRA-M, 2020. - 544 p. <https://lib.dvfu.ru/lib/item?id=Znanium:Znanium-1063618&theme=FEFU>

3. Emergency care at the prehospital stage, Altai State Medical University. LLC "Scientific Publishing Center INFRA-M", 2017. <https://lib.dvfu.ru/lib/item?id=Znanium:Znanium-1067798&theme=FEFU>



4. Fundamentals of nursing: workshop: textbook for secondary vocational education / T. P. Obukhovets; ed. B. V. Kabarukhina. Rostov-on-Don: Phoenix, 2016. <https://lib.dvfu.ru/lib/item?id=chamo:823568&theme=FEFU>

5. Surgery: textbook / E. D. Rubinina; ed. I. K. Gainutdinova. Moscow: Dashkov i K°, 2018. <https://lib.dvfu.ru/lib/item?id=chamo:868086&theme=FEFU>

## **List of resources of the information and telecommunications network "Internet"**

1. <http://www.dvfu.ru/web/library/nb1> FEFU Scientific Library
2. <http://www.e.library.ru> Electronic library
3. <http://www.consultant.ru/> "Consultant-plus" - the legislation of the Russian Federation
4. <http://www.who.int/ru/> World Health Organization.
5. <http://window.edu.ru> Single window of access to educational resources
6. <http://www.garant.ru> "Garant"
7. <http://fgou-vumc.ru/fgos/fgosvpo.php>. - the official website of VUNMC Roszdrav.
8. <http://www.who.int/ru> World Health Organization
9. <http://www.vniiki.ru/catalog/gost.aspx> Full-text database of GOSTs valid on the territory of the Russian Federation
10. <http://www.garant.ru> World Health Organization

## **List of information technologies and software**

<b>The location of the computer equipment on which the software is installed, the number of jobs</b>	<b>Software List</b>
690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10. Building M, computer class of the School of Medicine, room M723, 15 jobs	Microsoft Office Professional Plus 2010; an office suite that includes software for working with various types of documents (texts, spreadsheets, databases, etc.); - 7Zip 9.20 - free file archiver with a high degree of data compression; - ABBYY FineReader 11 - a program for optical character recognition; - Adobe Acrobat XI Pro is a software package

	<p>for creating and viewing electronic publications in PDF format;</p> <ul style="list-style-type: none"> <li>- ESET Endpoint Security - comprehensive protection of workstations based on Windows OS. Virtualization support + new technologies;</li> <li>- Google Chrome.</li> </ul>
<p>690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10, building A - level 10, Reading rooms of the FEFU Scientific Library with open access to the fund</p>	<p>Microsoft Office Professional Plus 2010; офисный пакет, включающий программное обеспечение для работы с различными типами документов (текстами, электронными таблицами, базами данных и др.);</p> <ul style="list-style-type: none"> <li>– 7Zip 9.20 - свободный файловый архиватор с высокой степенью сжатия данных;</li> <li>– ABBYY FineReader 11 - программа для оптического распознавания символов;</li> <li>– Adobe Acrobat XI Pro – пакет программ для создания и просмотра электронных публикаций в формате PDF;</li> <li>– ESET Endpoint Security - комплексная защита рабочих станций на базе ОС Windows. Поддержка виртуализации + новые технологии;</li> <li>– Coogle Chrome.</li> </ul>

## **11. LOGISTICS AND TECHNICAL SUPPORT OF TRAINING PRACTICE**

During the internship, as well as for the organization of independent work, students have access to the following laboratory equipment and specialized rooms that comply with current sanitary and fire safety standards, as well as safety requirements for educational work. Statistical reports, archival materials of the practice base. It is important to familiarize the student with the electronic legal bases "Garant", "Consultant Plus".

<b>Name of equipped premises for independent work</b>	<b>List of main equipment</b>
<p>690922, Primorsky Territory, Vladivostok, Russian island, Ajax settlement, 10 FEFU Medical Center Surgery Center, Therapy Center</p>	<p>Mono- and bipolar electrosurgical instruments for electrosurgical devices, Endoscopic equipment with accessories, Endoscopic instruments with accessories (arthroscopic set), "Instrument kit for ventriculocopy", Sterilization round boxes with KF-3 filters, Microprocessor-based freezer with sound and light alarm, Set for small neurosurgery sterilizer BINDER GD 53 bactericidal closed type, Reusable skin stapler SKM-1 (extractor), Patient warmer</p>

	<p>WarmTouch 5900, Trolley for placing containers, Apparatus for long-term drainage with accessories (Surgical electric pump), Reocor external pacemaker with accessories, SCHILLER electrocardiographs: CARDIOVIT AT- 2, mod.: plu, s, Metpak pressure infusion set 500 ml, Bronchial suction with accessories (Electric bronchial suction), Intubation set; (laryngoscope, blades, charger), Manometer for measuring intracuff pressure multiple times. Applications, Electric functional resuscitation bed, Medical trolley for transporting patients Emergo 6230, Temporary external pacemaker Pace T20</p> <p>Pharmaceutical refrigerators KhF-400 "POZIS", Electronic digital thermometer, Mechanical tonometer IAD-01-1E, Thermometer for van, Non-contact thermometer NF-3101, Intrahospital 2-tier small trolley, tray depth 20 mm (stainless steel), Rack infusion mobile medical - on 5 wheels, Sterilizer-heater B.Well Kids WK-140 d/bottle 2in1, Wall-mounted medical system for gas supply Linea with accessories, Pulse oximeter MD300 C 1 , Devices for measuring blood pressure UA-200 with accessories, Bioocular ophthalmoscope indirect with diffusion filter 12500-D, Oscopes with accessories model: BETA 200; Sanitary stretcher, Kidney-shaped stainless tray, Kidney-shaped stainless tray, Medical electric bed Hill-Rom © 900 with accessories, Inhaler for aerosol therapy with accessories (Flowmeter for oxygen), Inhaler (nebulizer) Omron Comp Air NE-C24-Kids compress pack p / e No. 1, Elbow wall dispenser DU-010 BelAseptika, GLUKOMETER ACUCHEK AKTIV, Floor medical electronic scales VMEN-150-50 / 100A, Devices for spirometry and pulse oximetry MIR, mod.: Spirodoc with accessories, Medical stethoscopes, models: KaWe-Standart-Prestige (Stethophonendoscopes), Electroneurostimulator Stimuplex HNS 12</p>
<p>Reading rooms of the FEFU Scientific Library with open access to the fund (building A - level 10)</p>	<p>HP ProOpe 400 All-in-One 19.5 (1600x900), Core i3-4150T, 4GB DDR3-1600 (1x4GB), 1TB HDD 7200 SATA, DVD+/-RW, GigEth, Wi-Fi, BT, usb kbd/mse, Win7Pro (64-bit)+Win8.1Pro(64-bit), 1-1-1 Wty Internet access speed 500 Mbps. Workplaces for people with disabilities are equipped with Braille displays and printers; equipped with: portable devices for reading flat-print texts, scanning and reading machines, a video enlarger with the ability to regulate color spectra; magnifying electronic loupes and ultrasonic markers</p>

In order to provide special conditions for the education of people with

disabilities and people with disabilities in FEFU, all buildings are equipped with ramps, elevators, lifts, specialized places equipped with toilets, information and navigation support signs.



MINISTRY OF SCIENCE AND HIGHER EDUCATION AND OF THE RUSSIAN  
FEDERATION

Federal state autonomous educational institution  
of higher education

«Far Eastern Federal University»  
(FEFU)

**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**TRAINING REPORT**  
**Introductory practice**

Completed by (a), student C \_\_\_ : \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Grade \_\_\_\_\_

Practice leader:

from the university \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Grade \_\_\_\_\_

Practice leader:

from the base of practice \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Vladivostok

202\_

**Individual assignment for educational practice**

Introductory practice

Student of group C \_\_\_\_\_

Place of internship \_\_\_\_\_

\_\_\_\_\_

Terms of internship from \_\_\_\_\_ to \_\_\_\_\_ 20\_\_

Types of work and requirements for their implementation

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Head of practice from FEFU

\_\_\_\_\_

position signature full name

" " \_\_\_\_\_ 20\_\_



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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**DIARY**

TRAINING PRACTICE B2.O.01  
"Introductory Practice"

Student \_\_\_\_\_  
I course \_\_\_\_\_ group \_\_\_\_\_ faculty \_\_\_\_\_  
Place of internship \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_

Head of practice (teacher) \_\_\_\_\_

Grade for practice \_\_\_\_\_

20/20 academic year

Vladivostok  
20\_\_

### Sample of diary

Date of performing work	Place	Brief summary of performed work	Work completion mark

### Topics for conversations with patients

Department	Date	Conversation topic	Number of patients

**ERWS report: give a brief description of the results obtained:**



## CHARACTERISTIC

for a student of \_\_\_\_\_ group No. \_\_\_\_\_ of General Medicine, who had an educational practice from \_\_\_\_\_ to \_\_\_\_\_ 202\_\_\_. on the base \_\_\_\_\_

During the internship "Familiarization practice"

Basic signature

head of practice \_\_\_\_\_

Place of Training \_\_\_\_\_

Date \_\_\_\_\_

Practice test

1. Keeping a diary \_\_\_\_\_

2. Test control \_\_\_\_\_

3. Certification of practical skills and abilities \_\_\_\_\_

4. Interview \_\_\_\_\_

5. Sanitary and educational work \_\_\_\_\_

6. ERWS \_\_\_\_\_

FINAL GRADE

Teacher \_\_\_\_\_

Date of \_\_\_\_\_

Head of practice from the medical organization (if any) \_\_\_\_\_

Name, position, signature

Head of Practice from the University \_\_\_\_\_

Name, position, signature

### ***Guidelines for Keeping a Practice Diary***

The student undergoes an internship in accordance with the approved calendar schedule of the educational process.

Each student during the period of practice is required to keep a diary about the internship.

The diary is filled out regularly and accurately. The diary reflects the actual work of the student and the activities in which he takes part. The diary is periodically reviewed by the head of the practice. A detailed description of all work performed is given in the practice report.

At the end of the practice, the diary is certified by the head of the practice.



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of higher education

«Far Eastern Federal University»  
(FEFU)

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**SCHOOL OF BIOMEDICINE**

«AGREED»

Head of education program  
«General medicine»

(signature)

Khotimchenko Yu.S.  
(Full name)

«14» January 2021



«APPROVED»

Director of the Department of  
Clinical Medicine

(signature)

Geltser B.I.  
(Full name)

«14» January 2021

**WORKING PROGRAM OF EDUCATIONAL PRACTICE (WPET)**

**Учебная практика «Уход за больными хирургического и терапевтического профиля»**

Educational Practical Training. Medical & Surgical Patient Care

Education program

Specialty 31.05.01 «General medicine»

**Form of study: full time**

Working program is compiled in accordance with the requirements of the Federal State Educational Standard for the direction of training 31.05.01 General Medicine, approved by order of the Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020 No. 988

The work program of the discipline was discussed at a meeting of the Department of Clinical Medicine. Protocol No. 5 of January 14, 2021

Compiled by: Doctor of Medical Sciences, Professor Beniova S.N., Candidate of Medical Sciences, Associate Professor Korableva E.V.

1. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения*

(выпускающего структурного подразделения), протокол от «  
»

\_\_\_\_\_202\_\_г. №

2. Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_202\_\_г. №

3. Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_202\_\_г. №

4. Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_202\_\_г. №

5. Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_202\_\_г. №

## **ANNOTATION**

### **1. PURPOSES OF LEARNING PRACTICE**

Mastering the work of nursing staff in the departments of therapeutic and surgical profile, training in independent performance of medical procedures and manipulations, mastering the basic skills of patient care, mastering the principles of ethics and deontology.

### **2. OBJECTIVES OF LEARNING PRACTICE**

- consolidation and deepening of knowledge about the main stages of the work of nursing staff, duties and responsibilities in working with patients with diseases of various organs and systems from the standpoint of nursing staff in different departments of a multidisciplinary hospital;

- mastering the principles of caring for patients of varying degrees

- severity and sanitization rules; organization of the work of the nursing post of the therapeutic, surgical, resuscitation, admission departments; duties of a nurse;

- formation of abilities to organize the work of medical personnel in medical organizations, the definition of functional responsibilities and the optimal algorithm for their implementation;

- formation of abilities to organize measures for labor protection and safety, prevention of occupational diseases, monitoring compliance with and ensuring environmental safety;

- mastering the basic principles of medical ethics and deontology, carrying out sanitary and educational work among patients, familiarization with the basics of the organization and work of nursing staff;

- mastering the methods of administering drugs (intramuscular, subcutaneous injections);

- formation of the student's communication skills with the team.2.

### **3. THE PLACE OF LEARNING PRACTICE IN THE STRUCTURE OF EP HE**

EDUCATIONAL practical training B2.O.02. refers to Block 2 "Practice".

The educational practice of students is the most important link in the training of medical personnel and is an integral part of the educational process. Practice is carried out on the 1st year in the 1st semester.

The main objective of the internship is to obtain and improve future doctors' practical knowledge and skills in caring for patients, diagnosing and providing medical care to patients, getting to know the organization and working conditions of nurses and doctors.

For the passage of educational practice - knowledge and skills obtained in the study of the discipline "Surgical diseases" are required; "Propaedeutics of Internal Diseases", "Medicine of Disasters", as well as disciplines of cycles: humanitarian, social and economic, mathematical, natural sciences and biomedical, professional in the specialty of higher medical education in the direction of training "General Medicine".

The passage of an internship is a necessary condition for the successful formation of general professional competencies.

#### **4. TYPES, METHODS, PLACE AND TIME OF LEARNING PRACTICE**

General information about the practice is presented in table 1.

Type of practice	Practice for obtaining professional skills and experience in professional activities (Assistant to the ward nurse)
Practice type	Introductory practice
Method of carrying out	Stationary / Mobile
Form(s) of holding	discrete / dispersed
Scope of practice in credit units	6 credits
Practice duration	216 ac. hour.
Course, semester	1 course, 2 semester
Places of practice	Structural subdivisions of the FEFU School of Medicine, specialized institutions and organizations: FEFU Medical Center, Vladivostok Clinical Hospital No. 2, Regional Clinical Hospital No. 2, Establishment of the Russian Academy of Sciences Medical Association of the Far Eastern Branch of the Russian Academy of Sciences

For persons with disabilities, the choice of places for internship is consistent with the requirement of their accessibility for these students, and the practice is carried out taking into account the peculiarities of their psychophysical development, individual capabilities and health status.

## **5. STUDENT COMPETENCES FORMED AS A RESULT OF TRAINING PRACTICE**

The planned learning outcomes during the internship are knowledge, skills, possessions and (or) activity experience that characterize the stages (levels) of competency formation and ensure the achievement of the planned results of mastering the educational program as a whole. The list of competencies formed as a result of training during internship is given.

General professional competencies of graduates and indicators of their achievement:

Name of the category (group) of general professional competencies	Code and name of general professional competence (the result of mastering)	Code and name of the indicator of achievement of competence
First aid	GPC-6 Able to organize patient care, provide primary health care, ensure the organization of work and professional decision-making in pre-hospital emergencies, in emergency situations, epidemics and in centers of mass destruction	GPC-6.2 Owns the algorithm for providing first aid at the prehospital stage in case of emergency, including the skills of basic cardiopulmonary resuscitation

<b>Code and name of the indicator of achievement of competence</b>	<b>The name of the assessment indicator (the result of training in the discipline)</b>
GPC-6.2 Owns the algorithm for providing first aid at the prehospital stage in case of emergency, including the skills of basic cardiopulmonary resuscitation	Knows: Knows the rules for performing basic cardiopulmonary resuscitation
	Able to: apply knowledge of first aid and medical care at the pre-hospital stage in case of emergency. Able to determine the volume of emergency medical care at the prehospital stage. provide emergency medical care in conditions requiring urgent medical intervention
	Skilled in the algorithms for providing medical care in conditions that pose a threat to the patient's life, including circulatory and respiratory arrest, the skills of using medicines in emergency medical care. Owns

	the algorithm for performing basic cardiopulmonary resuscitation
--	--

<b>Task type</b>	<b>Code and name of professional competence (the result of mastering)</b>	<b>Code and name of the indicator of achievement of competence</b>
Medical	PC - 1 Ready to participate in the provision of medical care in emergency or emergency forms	PC 1.1. Has the ability to assess the condition of a patient requiring emergency or emergency medical care
	PC - 13 Capable and ready to conduct preventive medical examinations, medical examinations and dispensary observation of healthy and chronic patients	PC - 13.3 Knows the forms and methods of sanitary and educational work on the formation of elements of a healthy lifestyle, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical use of narcotic drugs and psychotropic substances

<b>Code and name of the indicator of achievement of competence</b>	<b>The name of the assessment indicator (the result of training in the discipline)</b>
PC - 1 Ready to participate in the provision of medical care in emergency or emergency forms PC - 1 Ready to participate in the provision of medical care in emergency or emergency forms	Knows how to conduct a complete physical examination of the patient and assess the patient's condition, indications for emergency or emergency medical care
	Able to identify and evaluate clinical signs of medical emergencies
	Has a willingness to recognize and evaluate conditions arising from sudden acute illnesses, exacerbation of chronic diseases and requiring emergency medical care
PC - 13 Capable and ready to conduct preventive medical examinations, medical examinations and dispensary observation of healthy and chronic patients	Knows the normative legal acts and documents regulating the conduct of sanitary and educational work, the rules for the formation of elements and the development of healthy lifestyle programs
	He is able to carry out health education work, develop and implement healthy lifestyle programs, including programs to reduce smoking and the use of alcohol, narcotic and psychotropic substances.
	Owens the methods of conducting sanitary and educational work, developing and implementing healthy lifestyle programs and carrying out educational activities using social media and electronic information and educational environments



## 6. STRUCTURE AND CONTENT OF TRAINING PRACTICE

The total labor intensity of educational practice is 6 credit units, 216 hours.

<b>№ п/п</b>	<b>Practice Stage</b>	<b>Approximate types of work in practice, including independent work of students</b>	<b>Labor intensity (in hours)</b>	<b>Form and frequency of current control</b>
1	Preparatory stage	Obtaining a referral for educational practice at the School of Medicine and presenting it to the personnel department of the organization Passing a safety briefing at the School of Medicine and on the basis of practice Organization of the trainee's workplace Student's independent work	10 hours	Oral questioning
2	Introductory	The study of organizational and regular structures of the organization-base of practice and powers of its structural divisions. The study of regulatory legal bases of activity base of practice. The study of local documents of the organization-base of practice.	10 hours.	Oral questioning
3	Informative	Implementation of the substantive part of the practice program. Fulfillment of individual tasks Consultations with the head of practice from the base of practice and the head from the department.	186 hours	Verification by the head of practice from FEFU at the place of practice
4	Reporting	Completion of work on the implementation of individual tasks; description of the tasks performed during the internship; determination of the results of activities in the chosen subject area; self-analysis of the process of compiling and defending a report on practice.	10 hours.	Oral questioning Practice report

## 7 EDUCATIONAL AND METHODOLOGICAL SUPPORT FOR STUDENTS' INDEPENDENT WORK IN EDUCATIONAL PRACTICE

Student independent work (IWS) is one of the forms of practice and is

organized with the aim of:

- systematization and consolidation of the received theoretical knowledge and practical skills of students;
- deepening and expansion of theoretical knowledge;
- formation of the ability to work with various types of information, the ability to use normative, legal, reference documentation and special literature;
- development of cognitive abilities of students;
- formation of such personality traits as responsibility and organization, independent thinking, ability for self-development, self-improvement and self-realization.

Tasks for educational practice are formed in the Internship Program of the FEFU School of Medicine. The content of tasks for practice is based on the general professional and special disciplines passed to the beginning of the practice.

At the working stage of the internship, students get acquainted with the structure of the medical institution, constituent documents, functional duties (job descriptions) of the employees of the departments in which the internship takes place, and acquire the skills of independent professional work in their specialty.

Practical tasks should be carried out in stages, with the consistent development of gradually becoming more complex actions and techniques that make up a set of skills and abilities that determine the practice program.

The individual work of a student at a temporary workplace is organized by the head of the practice under the supervision of the employees of the departments in which the student is doing the practice.

After completing the internship, the student submits a written report on its passage to the head of the internship from FEFU for verification and, if necessary, follows his recommendations for finalizing the report.

The internship report should include the following documents:

1. Voucher (referral) to practice with notes on the day of arrival, departure, stamps and signatures of responsible persons;
2. Practice diary containing daily records of work performed. After the next

week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);

3. The student-intern's own report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their elimination, own assessment of the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

## 8. FORMS OF CERTIFICATION ON THE RESULTS OF PRACTICE

8.1. Fund of assessment tools for conducting intermediate certification of students in practice

Based on the results of the training practice, the student submits a test with an assessment.

8.1.1. A list of competencies that students should master as a result of mastering the educational program, a description of indicators and criteria for their assessment at various stages of formation, an assessment scale.

During certification, the formation of the following competencies is assessed:

GPC-6.2 Owns the algorithm for providing first aid at the prehospital stage in case of emergency, including the skills of basic cardiopulmonary resuscitation	Knows: Knows the rules for performing basic cardiopulmonary resuscitation	Evaluation of the practice report
	Able to: apply knowledge of first aid and medical care at the pre-hospital stage in case of emergency. Able to determine the volume of emergency medical care at	Evaluation of the practice report

	the prehospital stage. provide emergency medical care in conditions requiring urgent medical intervention	
	Skilled in the algorithms for providing medical care in conditions that pose a threat to the patient's life, including circulatory and respiratory arrest, the skills of using medicines in emergency medical care. Owns the algorithm for performing basic cardiopulmonary resuscitation	Evaluation of the practice report
PC 1.1. Has the ability to assess the condition of a patient requiring medical care in emergency or emergency forms	Knows the etiology, pathogenesis, clinical picture, principles of differential diagnosis, complications and outcomes of diseases of internal organs and clinical signs of emergency conditions. Knows the methods of examination of patients whose condition requires emergency care	Evaluation of the practice report
	Able to identify clinical signs of conditions requiring emergency medical care, including clinical symptoms of circulatory and respiratory arrest	Evaluation of the practice report
	Has a readiness to recognize conditions that pose a threat to the life of the patient, including conditions of clinical death that require medical care in an urgent and emergency form.	Evaluation of the practice report
PC - 13.3 Knows the forms and methods of sanitary and educational work on the formation of elements of a healthy lifestyle, including programs to reduce alcohol and tobacco consumption, prevent and combat the non-medical use of narcotic drugs and psychotropic substances	Knows the normative legal acts and documents regulating the conduct of sanitary and educational work, the rules for the formation of elements and the development of healthy lifestyle programs	Evaluation of the practice report
	He is able to carry out health education work, develop and implement healthy lifestyle programs, including programs to reduce smoking	Evaluation of the practice report

	and the use of alcohol, narcotic and psychotropic substances.	
	Owns the methods of conducting sanitary and educational work, developing and implementing healthy lifestyle programs and carrying out educational activities using social media and electronic information and educational environments	Evaluation of the practice report

8.1.2. Evaluation scale and criteria for evaluating the results of defending a practice report.

Passing the test based on the results of the internship is carried out by publicly defending the report on the implementation of the internship program before a commission formed by the director of the department, the head of which was appointed by order to send students to practice.

Successful defense of the report should include: a short speech by the student about the results of the internship, as well as answers to the questions of the commission on the documents presented in the report and confirming the implementation of the internship program.

During the defense, the student reports on the content of the work done during the internship. The student may be asked questions about the correctness of a decision taken on a specific case or practice material.

From the student, the head of practice from SHM or members of the commission for the protection of practice have the right to demand answers to any questions that are related to the practice passed. If the student finds it difficult to answer these questions, he may be asked to additionally read the literature, study the material, and in some cases - again undergo an internship.

Based on the report and the defense of the results of the practice, the student is given a grade: credited (“excellent”, “good”, “satisfactory”), or not credited (“unsatisfactory”). The assessment is put down in the student's record book and in the statement by the head of his practice from the department.

## Criteria for grading a student in the practice test

<b>Grade</b>	<b>Requirements for the formed competencies</b>
<b>Passed</b> ("Excellent")	The grade credited ("excellent") is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the assignment for practice, knows how to closely link theory with practice, freely copes with tasks, questions and other types of application of knowledge, knows how to give examples, answered all the questions during the defense of the practice, the answers are logical, deep and complete disclosure
<b>Passed</b> ("Good")	The grade credited ("good") is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the practice assignment, copes well with tasks, questions and other types of application of knowledge, answered the main questions during the defense of the practice, the answers are different consistency and completeness of the disclosure of the topic, however, one or two inaccuracies in the answer are allowed
<b>Passed</b> ("satisfactorily")	The grade credited ("satisfactory") is given to the student if he has completed the main part of the practice program, but is hardly able to use theoretical knowledge when completing the assignment in practice, generally copes with tasks, questions and other types of application of knowledge, answers to questions during the defense practices lack depth and completeness
<b>Not credited</b> ("unsatisfactory")	The grade is not credited ("unsatisfactory") is given to a student who has not completed the practice program, is not able to use theoretical knowledge when completing the practice assignment, cannot cope with tasks, questions and other types of application of knowledge, has not answered the main questions during the defense of the practice

A student who has not completed the practice program for a good reason is sent to practice again in his free time from classroom studies. A student who fails to complete an internship program without a valid reason or receives an unsatisfactory grade is considered to have an academic debt. The liquidation of this debt is carried out in accordance with the FEFU regulations.

### 8.1.3 Methodological materials defining the assessment procedure

#### Preparation of a practice report

The study practice report is compiled in accordance with the main stage of the practice program and reflects the implementation of an individual task. The volume of the report should be 15-20 pages of typewritten text (excluding appendices). The report is drawn up on A4 paper and bound in a single block. The text of the report is

presented on one side of the sheet, in Times New Roman font, size 14, with 1.5 intervals. Each page of the work is drawn up with the following margins: left - 30 mm; right - 10 mm; top - 20 mm; lower - 20 mm. Paragraph indentation in the text - 1.5 cm. All pages of the work must have continuous numbering, including applications. The numbering is in Arabic numerals, with the page number placed in the lower right corner, starting from the table of contents after the title page. All structural elements of the practice report are stitched together.

The internship report should include the following documents:

1. Voucher (referral) to practice with notes on the day of arrival, departure, stamps and signatures of responsible persons;

2. Practice diary containing daily records of work performed. After the next week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);

3 The student-intern's report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their elimination, their own assessment the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

Contents of report sections

Title page (Appendix 1)

Content

Introduction

Main part

- General characteristics of the practice base
  - Description of the workplace and functional duties
  - Individual task for internship (Appendix 2)
  - Practice diary (Appendix 3)
- Conclusion on the results of practice
- List of used materials

## **9. EDUCATIONAL-METHODOLOGICAL AND INFORMATION SUPPORT FOR PRACTICE**

### **Main literature**

1. Nursing in therapy: a textbook for universities / N. G. Petrova, V. N. Petrov, V. A. Lapotnikov, V. L. Emanuel; executive editor N. G. Petrova. - 3rd ed., Rev. and additional - Moscow: Yurayt Publishing House, 2021. - 495 p. <https://lib.dvfu.ru/lib/item?id=Urait:Urait-467794&theme=FEFU>

2. Nursing in surgery: textbook and workshop for universities / T. I. Okonenko, G. I. Chuvakov. — 2nd ed., corrected. and additional - Moscow: Yurayt Publishing House, 2020. - 158 p. <https://lib.dvfu.ru/lib/item?id=Urait:Urait-451623&theme=FEFU>

3. General nursing: textbook for universities: in English. lang. / V. N. Oslopov, O. V. Bogoyavlenskaya. M.: GEOTAR-Media, 2019. <https://lib.dvfu.ru/lib/item?id=chamo:881237&theme=FEFU>

4. General care for therapeutic patients [Electronic resource]: textbook / V. N. Kotelnikov, V. G. Seyidov, B. I. Geltser; Far Eastern Federal University, School of Biomedicine. Publishing House of the Far Eastern Federal University, 2018. <https://lib.dvfu.ru/lib/item?id=chamo:874520&theme=FEFU>

### **Additional literature**

*(printed and electronic editions)*

1. Sdrav.ru - information support portal for health care facility specialists / <https://www.zdrav.ru/rubric/89649-sestrinskie-manipulyatsii-i-protsess>



2. Lychev, VG Nursing in therapy. With a course of primary care: a textbook / V. G. Lychev, V. K. Karmanov. - 2nd ed., revised. and additional - Moscow: FORUM: INFRA-M, 2020. - 544 p.

<https://lib.dvfu.ru/lib/item?id=Znanium:Znanium-1063618&theme=FEFU>

3. Emergency care at the prehospital stage, Altai State Medical University. LLC "Scientific Publishing Center INFRA-M", 2017.

<https://lib.dvfu.ru/lib/item?id=Znanium:Znanium-1067798&theme=FEFU>

4. Fundamentals of nursing: workshop: textbook for secondary vocational education / T. P. Obukhovets; ed. B. V. Kabarukhina. Rostov-on-Don: Phoenix, 2016. <https://lib.dvfu.ru/lib/item?id=chamo:823568&theme=FEFU>

5. Surgery: textbook / E. D. Rubinina; ed. I. K. Gainutdinova. Moscow: Dashkov i K<sup>o</sup>, 2018. <https://lib.dvfu.ru/lib/item?id=chamo:868086&theme=FEFU>

## **List of resources of the information and telecommunications network "Internet"**

1. <http://www.dvfu.ru/web/library/nb1> FEFU Scientific Library

2. <http://www.e.library.ru> Electronic library

3. <http://www.consultant.ru/> "Consultant-plus" - the legislation of the Russian Federation

4. <http://www.who.int/ru/> World Health Organization.

5. <http://window.edu.ru> Single window of access to educational resources

6. <http://www.garant.ru> "Garant"

7. <http://fgou-vumc.ru/fgos/fgosvpo.php>. - the official website of VUNMC Roszdrav.

8. <http://www.who.int/ru> World Health Organization

9. <http://www.vniiki.ru/catalog/gost.aspx> Full-text database of GOSTs valid on the territory of the Russian Federation

10. <http://www.garant.ru> World Health Organization

## List of information technologies and software

The location of the computer equipment on which the software is installed, the number of jobs	Software List
690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10. Building M, computer class of the School of Medicine, room M723, 15 jobs	Microsoft Office Professional Plus 2010; an office suite that includes software for working with various types of documents (texts, spreadsheets, databases, etc.); - 7Zip 9.20 - free file archiver with a high degree of data compression; - ABBYY FineReader 11 - a program for optical character recognition; - Adobe Acrobat XI Pro is a software package for creating and viewing electronic publications in PDF format; - ESET Endpoint Security - comprehensive protection of workstations based on Windows OS. Virtualization support + new technologies; - Google Chrome.
690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10, building A - level 10, Reading rooms of the FEFU Scientific Library with open access to the fund	Microsoft Office Professional Plus 2010; офисный пакет, включающий программное обеспечение для работы с различными типами документов (текстами, электронными таблицами, базами данных и др.); – 7Zip 9.20 - свободный файловый архиватор с высокой степенью сжатия данных; – ABBYY FineReader 11 - программа для оптического распознавания символов; – Adobe Acrobat XI Pro – пакет программ для создания и просмотра электронных публикаций в формате PDF; – ESET Endpoint Security - комплексная защита рабочих станций на базе ОС Windows. Поддержка виртуализации + новые технологии; – Coogle Chrome.

## 11. LOGISTICS AND TECHNICAL SUPPORT OF TRAINING PRACTICE

During the internship, as well as for the organization of independent work, students have access to the following laboratory equipment and specialized rooms that comply with current sanitary and fire safety standards, as well as safety

requirements for educational work. Statistical reports, archival materials of the practice base. It is important to familiarize the student with the electronic legal bases "Garant", "Consultant Plus".

<b>Name of equipped premises for independent work</b>	<b>List of main equipment</b>
<p>690922, Primorsky Territory, Vladivostok, Russian island, Ajax settlement, 10 FEFU Medical Center Surgery Center, Therapy Center</p>	<p>Mono- and bipolar electrosurgical instruments for electrosurgical devices, Endoscopic equipment with accessories, Endoscopic instruments with accessories (arthroscopic set), "Instrument kit for ventriculotomy", Sterilization round boxes with KF-3 filters, Microprocessor-based freezer with sound and light alarm, Set for small neurosurgery sterilizer BINDER GD 53 bactericidal closed type, Reusable skin stapler SKM-1 (extractor), Patient warmer WarmTouch 5900, Trolley for placing containers, Apparatus for long-term drainage with accessories (Surgical electric pump), Reocor external pacemaker with accessories, SCHILLER electrocardiographs: CARDIOVIT AT- 2, mod.: plu, s, Metpak pressure infusion set 500 ml, Bronchial suction with accessories (Electric bronchial suction), Intubation set; (laryngoscope, blades, charger), Manometer for measuring intracuff pressure multiple times. Applications, Electric functional resuscitation bed, Medical trolley for transporting patients Emergo 6230, Temporary external pacemaker Pace T20 Pharmaceutical refrigerators KhF-400 "POZIS", Electronic digital thermometer, Mechanical tonometer IAD-01-1E, Thermometer for van, Non-contact thermometer NF-3101, Intrahospital 2-tier small trolley, tray depth 20 mm (stainless steel), Rack infusion mobile medical - on 5 wheels, Sterilizer-heater B.Well Kids WK-140 d/bottle 2in1, Wall-mounted medical system for gas supply Linea with accessories, Pulse oximeter MD300 C 1, Devices for measuring blood pressure UA-200 with accessories, Biocular ophthalmoscope indirect with diffusion filter 12500-D, Otoscopes with accessories model: BETA 200; Sanitary stretcher, Kidney-shaped stainless tray, Kidney-shaped stainless tray, Medical electric bed Hill-Rom © 900 with accessories, Inhaler for aerosol therapy with accessories (Flowmeter for oxygen), Inhaler (nebulizer) Omron Comp Air NE-C24-Kids compress pack p / e No. 1, Elbow wall dispenser DU-010 BelAseptika, GLUKOMETER ACUCHEK AKTIV, Floor medical electronic scales VMEN-150-50 / 100A, Devices for spirometry and pulse oximetry MIR, mod.: Spirodoc with accessories, Medical stethoscopes, models: KaWe-</p>

	Standart-Prestige (Stethophonendoscopes), Electroneurostimulator Stimuplex HNS 12
Reading rooms of the FEFU Scientific Library with open access to the fund (building A - level 10)	HP ProOpe 400 All-in-One 19.5 (1600x900), Core i3-4150T, 4GB DDR3-1600 (1x4GB), 1TB HDD 7200 SATA, DVD+/-RW,GigEth,Wi-Fi,BT,usb kbd/mse,Win7Pro (64-bit)+Win8.1Pro(64-bit),1-1-1 Wty Internet access speed 500 Mbps. Workplaces for people with disabilities are equipped with Braille displays and printers; equipped with: portable devices for reading flat-print texts, scanning and reading machines, a video enlarger with the ability to regulate color spectra; magnifying electronic loupes and ultrasonic markers

In order to provide special conditions for the education of people with disabilities and people with disabilities in FEFU, all buildings are equipped with ramps, elevators, lifts, specialized places equipped with toilets, information and navigation support signs.



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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**TRAINING REPORT**

**Educational practice. Surgical and therapeutic patient care**

Completed by (a), student C \_\_\_ : \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Grade \_\_\_\_\_

Practice leader:

from the university \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Grade \_\_\_\_\_

Practice leader:

from the base of practice \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Vladivostok

202\_

**Individual assignment for educational practice**

**TRAINING REPORT**

Educational practice. Surgical and therapeutic patient care

Student of group C \_\_\_\_\_

Place of internship \_\_\_\_\_

\_\_\_\_\_

Terms of internship from \_\_\_\_\_ to \_\_\_\_\_ 20\_\_

Types of work and requirements for their implementation

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Head of practice from FEFU

\_\_\_\_\_

position signature full name

" \_\_\_\_ " \_\_\_\_\_ 20\_\_



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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**DIARY**

**Educational practice. Surgical and therapeutic patient care**

Student \_\_\_\_\_  
I course \_\_\_\_\_ group \_\_\_\_\_ faculty \_\_\_\_\_  
Place of internship \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_

Head of practice (teacher) \_\_\_\_\_

Grade for practice \_\_\_\_\_

20/20 academic year

Vladivostok  
20\_\_

### Topics for conversations with patients

Department	Date	Conversation topic	Number of patients



### Implementation of practical skills during training practice

Content of work/date	Due minimu													Total
Completing medical documentation	4													
Height measurement, weighing	20													
Anthropometric measurements	20													
Body temperature measurement	20													
Counting breaths	20													
Pulse study	10													
BP measurement	10													
Preparing the patient's bed	10													
Moving the patient	10													
Change of underwear	5													
Transportation of the patient	20													
Monitoring the condition of the bedside tables	20													
Wet cleaning of wards	20													
Wet cleaning of other premises	10													
Daily toilet of the patient	10													
Hair, eye, ear care	3													
Oral treatment	5													
Feeding the sick	20													
Patient follow-up after surgery	5													
The use of heating pads	4													
Applying an ice pack	4													
Humidified oxygen supply	10													
Using a pocket inhaler	5													
Disinfection of the vessel, urinal	10													
Measurement of daily diuresis	5													
Collection for examination	5 5 3													
- urine	10													
- feces	5													

- sputum	10													
Applying a rubber band	1													
Dressing preparation for sterilization	2													
Hygiene measures for personnel														

Describe the methodology

- ship disinfection
- treatment of the oral cavity of seriously ill patients
- first aid procedure for vomiting

Student Research Report (ERWS): give a brief description of the results obtained

Date	Content of work performed	Quantity	Signature

Signature of the direct head of the practice

Note: in addition to daily practical activities, the diary reflects the student's health education work, participation in research work, conferences, etc.

## STUDENT ERW CARD

"PREVALENCE OF OVERWEIGHT IN PATIENTS WITH INCREASED BLOOD PRESSURE"

FULL NAME. \_\_\_\_\_

Age \_\_\_\_\_

Floor \_\_\_\_\_

Family status \_\_\_\_\_

The highest numbers of blood pressure recorded in a patient \_\_\_\_\_

Smoking \_\_\_\_\_

Number of cigarettes smoked per day \_\_\_\_\_

Diagnosis \_\_\_\_\_

## ANTHROPOMETRIC MEASUREMENTS

Height \_\_\_\_\_

Weight \_\_\_\_\_

Waist circumference (WC) \_\_\_\_\_

Shoulder circumference (SC) \_\_\_\_\_

Thigh circumference (ThC) \_\_\_\_\_

Chest circumference (ChC) \_\_\_\_\_

Body mass index (BMI) \_\_\_\_\_

## HEMODYNAMIC PARAMETERS

Blood pressure (mm Hg) \_\_\_\_\_

Pulse: frequency \_\_\_\_\_

rhythm \_\_\_\_\_

***Guidelines for Keeping a Practice Diary***

The student undergoes an internship in accordance with the approved calendar schedule of the educational process.

Each student during the period of practice is required to keep a diary about the internship.

The diary is filled out regularly and accurately. The diary reflects the actual work of the student and the activities in which he takes part. The diary is periodically reviewed by the head of the practice. A detailed description of all work performed is given in the practice report.

At the end of the practice, the diary is certified by the head of the practice.



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**SCHOOL OF BIOMEDICINE**

«AGREED»

Head of education program  
«General medicine»

(signature)

Khotimchenko Yu.S.  
(Full name)

«14» January 2021



«APPROVED»

Director of the Department of  
Clinical Medicine

(signature)

Geltser B.I.  
(Full name)

«14» January 2021

**WORKING PROGRAM OF CLINICAL PRACTICE**

Practice for obtaining professional skills and professional experience in the positions of nursing staff (Assistant to the ward nurse)

Education program

Specialty 31.05.01 «General medicine»

**Form of study: full time**

Working program is compiled in accordance with the requirements of the Federal State Educational Standard for the direction of training 31.05.01 General Medicine, approved by order of the Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020 No. 988

The work program of the discipline was discussed at a meeting of the Department of Clinical Medicine. Protocol No. 5 of January 14, 2021

Compiled by: Doctor of Medical Sciences, Professor Beniova S.N., Candidate of Medical Sciences, Associate Professor Korableva E.V.

2. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «  
\_\_\_\_\_» 202\_\_г. №*
3. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_  
\_\_\_\_\_» 202\_\_г. №*
4. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_  
\_\_\_\_\_» 202\_\_г. №*
5. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_  
\_\_\_\_\_» 202\_\_г. №*
6. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_  
\_\_\_\_\_» 202\_\_г. №*

## **1. PURPOSES OF LEARNING PRACTICE**

The purposes of the internship are: professional and practical training of students, focused on deepening theoretical training and consolidating students' practical skills and competencies in caring for patients; consolidation and deepening of theoretical training, the acquisition of skills necessary in the work of a ward nurse; mastering the duties of a ward nurse, learning how to independently perform some medical procedures and manipulations of a ward nurse, gaining work experience in a real medical team; use of medical equipment and tools, experience of independent professional activity in the scope of work of a ward nurse through direct participation in the activities of a hospital, as well as the development of competencies necessary for work in the professional field.

## **2. OBJECTIVES OF LEARNING PRACTICE**

- consolidation and deepening of knowledge about the main stages of the work of nursing staff, duties and responsibilities in working with patients with diseases of various organs and systems from the standpoint of nursing staff in different departments of a multidisciplinary hospital;
- mastering the principles of caring for patients of varying degrees
- severity and sanitization rules; organization of the work of the nursing post of the therapeutic, surgical, resuscitation, admission departments; duties of a nurse;
- formation of abilities to organize the work of medical personnel in medical organizations, the definition of functional responsibilities and the optimal algorithm for their implementation;
- formation of abilities to organize measures for labor protection and safety, prevention of occupational diseases, monitoring compliance with and ensuring environmental safety;
- mastering the basic principles of medical ethics and deontology, carrying out sanitary and educational work among patients, familiarization with the basics of the organization and work of nursing staff;
- mastering the methods of administering drugs (intramuscular, subcutaneous injections);

- formation of the student's communication skills with the team.2.

### **3. THE PLACE OF LEARNING PRACTICE IN THE STRUCTURE OF EP HE**

EDUCATIONAL practical training B2.O.03. refers to Block 2 "Practice".

The educational practice of students is the most important link in the training of medical personnel and is an integral part of the educational process. Practice is carried out on the 1st year in the 1st semester.

The main objective of the internship is to obtain and improve future doctors' practical knowledge and skills in caring for patients, diagnosing and providing medical care to patients, getting to know the organization and working conditions of nurses and doctors.

For the passage of educational practice - knowledge and skills obtained in the study of the discipline "Surgical diseases" are required; "Propaedeutics of Internal Diseases", "Medicine of Disasters", as well as disciplines of cycles: humanitarian, social and economic, mathematical, natural sciences and biomedical, professional in the specialty of higher medical education in the direction of training "General Medicine".

The passage of an internship is a necessary condition for the successful formation of general professional competencies.

### **4. TYPES, METHODS, PLACE AND TIME OF LEARNING PRACTICE**

General information about the practice is presented in table 1.

Type of practice	Practice for obtaining professional skills and experience in professional activities (Assistant to the ward nurse)
Practice type	Introductory practice
Method of carrying out	Stationary / Mobile
Form(s) of holding	discrete / dispersed

Scope of practice in credit units	5 credits
Practice duration	180 ac. hour.
Course, semester	2 course, 4 semester
Places of practice	Structural subdivisions of the FEFU School of Medicine, specialized institutions and organizations: FEFU Medical Center, Vladivostok Clinical Hospital No. 2, Regional Clinical Hospital No. 2, Establishment of the Russian Academy of Sciences Medical Association of the Far Eastern Branch of the Russian Academy of Sciences

For persons with disabilities, the choice of places for internship is consistent with the requirement of their accessibility for these students, and the practice is carried out taking into account the peculiarities of their psychophysical development, individual capabilities and health status.

## **5. STUDENT COMPETENCES FORMED AS A RESULT OF TRAINING PRACTICE**

The planned learning outcomes during the internship are knowledge, skills, possessions and (or) activity experience that characterize the stages (levels) of competency formation and ensure the achievement of the planned results of mastering the educational program as a whole. The list of competencies formed as a result of training during internship is given.

General professional competencies of graduates and indicators of their achievement:

Name of the category (group) of general professional competencies	Code and name of general professional competence (the result of mastering)	Code and name of the indicator of achievement of competence
Healthy lifestyle	GPC-2 Able to conduct and monitor the effectiveness of preventive measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population	GPC -2.1 Knows how to plan and apply the most effective methods and means of informing the population about a healthy lifestyle, increasing its literacy in matters of disease prevention
		GPC-2.2. Has the skills to prepare an oral presentation or printed text that promotes a healthy lifestyle, increases the literacy of the population in matters of sanitary culture and prevention



<b>Code and name of the indicator of achievement of competence</b>	<b>The name of the assessment indicator (the result of training in the discipline)</b>
GPC -2.1 Knows how to plan and apply the most effective methods and means of informing the population about a healthy lifestyle, increasing its literacy in matters of disease prevention	Knows: goals and objectives of a healthy lifestyle
	Knows how to: plan and apply the most effective methods and means of informing the population about a healthy lifestyle, increasing its literacy in matters of disease prevention
	Proficiency: Proficiency in using educational tools and electronic information and educational environments to increase his literacy in matters of disease prevention
GPC-2.2. Has the skills to prepare an oral presentation or printed text that promotes a healthy lifestyle, increases the literacy of the population in matters of sanitary culture and prevention	Knows: goals and objectives of a healthy lifestyle
	Knows how to: carry out informational, educational and sanitary-educational work on the formation of healthy lifestyle skills
	Owens: public speaking skills in order to improve sanitary culture and prevent diseases of the population

<b>Task type</b>	<b>Code and name of the indicator of achievement of competence</b>	<b>The name of the assessment indicator (the result of training in the discipline)</b>
Medical	PC - 2 Ready to provide emergency medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life	PC 2.2. Able to perform measures to provide emergency medical care in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life
	PC - 18 Able to monitor the performance of duties by a nurse and other medical workers at their disposal	PC - 18.1 Knows the duties of a district nurse and other medical workers at the disposal

<b>Code and name of the indicator of achievement of competence</b>	<b>The name of the assessment indicator (the result of training in the discipline)</b>
PC 2.2. Able to perform measures to provide emergency medical care in case of sudden acute diseases,	Knows the etiology, pathogenesis, clinical picture, principles of diagnosis, clinical signs of acute and chronic diseases

conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life	Able to identify clinical signs of conditions requiring emergency medical care, perform medical care activities
	Has a willingness to recognize conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care.
PC - 18.1 Knows the duties of a district nurse and other medical workers at the disposal	Knows the duties of the district nurse and the medical workers at the disposal. He knows how to draw up a work plan and a report on his work, draw up a passport for a medical therapeutic area and use various information networks in his professional activities. Knowledge of electronic medical records
	Able to work with personal data of patients and information constituting a medical secret and fill out medical documentation in accordance with accepted requirements, including in electronic form. Able to supervise the performance of duties by a nurse and available medical workers
	Possesses the skills of drawing up a work plan and a report on his work, issuing a passport for a medical (therapeutic) site, accounting and reporting and approved medical documentation, including in electronic form, with quality control of its maintenance; skills in paperwork when referring patients for hospitalization, sanatorium treatment, consultations of specialists of a different profile Possesses a readiness to organize medical care in medical institutions that provide medical care on an outpatient basis, including at home when a medical worker is called and in a day hospital. Possesses the skills to control the performance of duties by a nurse and medical workers at their disposal and to ensure the quality and safety of medical activities in accordance with their official duties.

## 6. STRUCTURE AND CONTENT OF TRAINING PRACTICE

The total labor intensity of educational practice is 5 credit units, 180 hours.

<b>№ п/п</b>	<b>Practice Stage</b>	<b>Approximate types of work in practice, including independent work of students</b>	<b>Labor intensit y (in hours)</b>	<b>Form and frequency of current control</b>
1	Preparatory stage	Obtaining a referral for clinical practice at the School of Medicine and presenting it to the personnel department of the organization	10 hours.	Oral questioning

		Passing a safety briefing at the School of Medicine and on the basis of practice Organization of the trainee's workplace Student's independent work		
2	Introductory	The study of organizational and regular structures of the organization-base of practice and powers of its structural divisions. The study of regulatory legal bases of activity base of practice. The study of local documents of the organization-base of practice.	10 hours.	Oral questioning
3	Informative	Implementation of the substantive part of the practice program. Fulfillment of individual tasks Consultations with the head of practice from the base of practice and the head from the department.	150 hours	Verification by the head of practice from FEFU at the place of practice
4	Reporting	Completion of work on the implementation of individual tasks; description of the tasks performed during the internship; determination of the results of activities in the chosen subject area; self-analysis of the process of compiling and defending a report on practice.	10 hours.	Oral questioning Practice report

## **7. EDUCATIONAL AND METHODOLOGICAL SUPPORT FOR STUDENTS' INDEPENDENT WORK IN EDUCATIONAL PRACTICE**

Student independent work (IWS) is one of the forms of practice and is organized with the aim of:

- systematization and consolidation of the received theoretical knowledge and practical skills of students;
- deepening and expansion of theoretical knowledge;
- formation of the ability to work with various types of information, the ability to use normative, legal, reference documentation and special literature;
- development of cognitive abilities of students;
- formation of such personality traits as responsibility and organization, independent thinking, ability for self-development, self-improvement and self-realization.

Tasks for educational practice are formed in the Internship Program of the FEFU School of Medicine. The content of tasks for practice is based on the general professional and special disciplines passed to the beginning of the practice.

At the working stage of the internship, students get acquainted with the structure of the medical institution, constituent documents, functional duties (job descriptions) of the employees of the departments in which the internship takes place, and acquire the skills of independent professional work in their specialty.

Practical tasks should be carried out in stages, with the consistent development of gradually becoming more complex actions and techniques that make up a set of skills and abilities that determine the practice program.

The individual work of a student at a temporary workplace is organized by the head of the practice under the supervision of the employees of the departments in which the student is doing the practice.

After completing the internship, the student submits a written report on its passage to the head of the internship from FEFU for verification and, if necessary, follows his recommendations for finalizing the report.

The internship report should include the following documents:

1. Voucher (referral) to practice with notes on the day of arrival, departure, stamps and signatures of responsible persons;

2. Practice diary containing daily records of work performed. After the next week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);

3. The student-intern's own report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their elimination, own assessment of the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

## 8. FORMS OF CERTIFICATION ON THE RESULTS OF PRACTICE

8.1. Fund of assessment tools for conducting intermediate certification of students in practice

Based on the results of the training practice, the student submits a test with an assessment.

8.1.1. A list of competencies that students should master as a result of mastering the educational program, a description of indicators and criteria for their assessment at various stages of formation, an assessment scale.

During certification, the formation of the following competencies is assessed:

GPC-2.1 Knows how to plan and apply the most effective methods and means of informing the population about a healthy lifestyle, increasing its literacy in matters of disease prevention	Knows: goals and objectives of a healthy lifestyle	Evaluation of the practice report
	Knows how to: plan and apply the most effective methods and means of informing the population about a healthy lifestyle, increasing its literacy in matters of disease prevention	Evaluation of the practice report
	Proficiency: Proficiency in using educational tools and electronic information and educational environments to increase his literacy in matters of disease prevention	Evaluation of the practice report
GPC-2.2. Has the skills to prepare an oral presentation or printed text that promotes a healthy lifestyle, increases the literacy of the population in matters of sanitary culture and prevention	Knows: goals and objectives of a healthy lifestyle	Evaluation of the practice report
	Knows how to: carry out informational, educational and sanitary-educational work on the formation of healthy lifestyle skills	Evaluation of the practice report
	Owens: public speaking skills in order to improve sanitary culture and prevent diseases of the population	Evaluation of the practice report
PC 2.2. Able to perform measures to	Knows the etiology, pathogenesis, clinical picture,	Evaluation of the practice report

provide emergency medical care in case of sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life	principles of diagnosis, clinical signs of acute and chronic diseases	
	Able to identify clinical signs of conditions requiring emergency medical care, perform medical care activities	Evaluation of the practice report
	Has a willingness to recognize conditions arising from sudden acute illnesses, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care.	Evaluation of the practice report
PC - 18.1 Knows the duties of a district nurse and other medical workers at the disposal	Knows the duties of the district nurse and the medical workers at the disposal. He knows how to draw up a work plan and a report on his work, draw up a passport for a medical therapeutic area and use various information networks in his professional activities. Knowledge of electronic medical records	Evaluation of the practice report
	Able to work with personal data of patients and information constituting a medical secret and fill out medical documentation in accordance with accepted requirements, including in electronic form. Able to supervise the performance of duties by a nurse and available medical workers	Evaluation of the practice report
	Possesses the skills of drawing up a work plan and a report on his work, issuing a passport for a medical (therapeutic) site, accounting and reporting and approved medical documentation, including in electronic form, with quality control of its maintenance; skills in paperwork when referring patients for hospitalization, sanatorium treatment, consultations of specialists of a different profile Possesses a readiness to organize medical care in	Evaluation of the practice report

	<p>medical institutions that provide medical care on an outpatient basis, including at home when a medical worker is called and in a day hospital. Possesses the skills to control the performance of duties by a nurse and medical workers at their disposal and to ensure the quality and safety of medical activities in accordance with their official duties.</p>	
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8.1.2. Evaluation scale and criteria for evaluating the results of defending a practice report.

Passing the test based on the results of the internship is carried out by publicly defending the report on the implementation of the internship program before a commission formed by the director of the department, the head of which was appointed by order to send students to practice.

Successful defense of the report should include: a short speech by the student about the results of the internship, as well as answers to the questions of the commission on the documents presented in the report and confirming the implementation of the internship program.

During the defense, the student reports on the content of the work done during the internship. The student may be asked questions about the correctness of a decision taken on a specific case or practice material.

From the student, the head of practice from SBM or members of the commission for the protection of practice have the right to demand answers to any questions that are related to the practice passed. If the student finds it difficult to answer these questions, he may be asked to additionally read the literature, study the material, and in some cases - again undergo an internship.

Based on the report and the defense of the results of the practice, the student is given a grade: credited (“excellent”, “good”, “satisfactory”), or not credited (“unsatisfactory”). The assessment is put down in the student's record book and in the statement by the head of his practice from the department.

## Criteria for grading a student in the practice test

<b>Grade</b>	<b>Requirements for the formed competencies</b>
<b>Passed ("Excellent")</b>	The grade credited (“excellent”) is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the assignment for practice, knows how to closely link theory with practice, freely copes with tasks, questions and other types of application of knowledge, knows how to give examples, answered all the questions during the defense of the practice, the answers are logical, deep and complete disclosure
<b>Passed ("Good")</b>	The grade credited (“good”) is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the practice assignment, copes well with tasks, questions and other types of application of knowledge, answered the main questions during the defense of the practice, the answers are different consistency and completeness of the disclosure of the topic, however, one or two inaccuracies in the answer are allowed
<b>Passed ("satisfactorily")</b>	The grade credited (“satisfactory”) is given to the student if he has completed the main part of the practice program, but is hardly able to use theoretical knowledge when completing the assignment in practice, generally copes with tasks, questions and other types of application of knowledge, answers to questions during the defense practices lack depth and completeness
<b>Not credited ("unsatisfactory")</b>	The grade is not credited (“unsatisfactory”) is given to a student who has not completed the practice program, is not able to use theoretical knowledge when completing the practice assignment, cannot cope with tasks, questions and other types of application of knowledge, has not answered the main questions during the defense of the practice

A student who has not completed the practice program for a good reason is sent to practice again in his free time from classroom studies. A student who fails to complete an internship program without a valid reason or receives an unsatisfactory grade is considered to have an academic debt. The liquidation of this debt is carried out in accordance with the FEFU regulations.

### 8.1.3 Methodological materials defining the assessment procedure

#### Preparation of a practice report

The study practice report is compiled in accordance with the main stage of the practice program and reflects the implementation of an individual task. The volume of the report should be 15-20 pages of typewritten text (excluding appendices). The report is drawn up on A4 paper and bound in a single block. The text of the report is



presented on one side of the sheet, in Times New Roman font, size 14, with 1.5 intervals. Each page of the work is drawn up with the following margins: left - 30 mm; right - 10 mm; top - 20 mm; lower - 20 mm. Paragraph indentation in the text - 1.5 cm. All pages of the work must have continuous numbering, including applications. The numbering is in Arabic numerals, with the page number placed in the lower right corner, starting from the table of contents after the title page. All structural elements of the practice report are stitched together.

The internship report should include the following documents:

1. Voucher (referral) to practice with notes on the day of arrival, departure, stamps and signatures of responsible persons;

2. Practice diary containing daily records of work performed. After the next week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);

3 The student-intern's report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their elimination, their own assessment the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

Contents of report sections

Title page (Appendix 1)

Content

Introduction

Main part

- General characteristics of the practice base
  - Description of the workplace and functional duties
  - Individual task for internship (Appendix 2)
  - Practice diary (Appendix 3)
- Conclusion on the results of practice
- List of used materials

## **9. EDUCATIONAL-METHODOLOGICAL AND INFORMATION SUPPORT FOR PRACTICE**

### **Main literature**

1. Nursing in therapy: a textbook for universities / N. G. Petrova, V. N. Petrov, V. A. Lapotnikov, V. L. Emanuel; executive editor N. G. Petrova. - 3rd ed., Rev. and additional - Moscow: Yurayt Publishing House, 2021. - 495 p. <https://lib.dvfu.ru/lib/item?id=Urait:Urait-467794&theme=FEFU>

2. Nursing in surgery: textbook and workshop for universities / T. I. Okonenko, G. I. Chuvakov. — 2nd ed., corrected. and additional - Moscow: Yurayt Publishing House, 2020. - 158 p. <https://lib.dvfu.ru/lib/item?id=Urait:Urait-451623&theme=FEFU>

3. General nursing: textbook for universities: in English. lang. / V. N. Oslopov, O. V. Bogoyavlenskaya. M.: GEOTAR-Media, 2019. <https://lib.dvfu.ru/lib/item?id=chamo:881237&theme=FEFU>

4. General care for therapeutic patients [Electronic resource]: textbook / V. N. Kotelnikov, V. G. Seyidov, B. I. Geltser; Far Eastern Federal University, School of Biomedicine. Publishing House of the Far Eastern Federal University, 2018. <https://lib.dvfu.ru/lib/item?id=chamo:874520&theme=FEFU>

### **Additional literature**

*(printed and electronic editions)*

1. Sdrav.ru - information support portal for health care facility specialists / <https://www.zdrav.ru/rubric/89649-sestrinskie-manipulyatsii-i-protsess>

2. Lychev, VG Nursing in therapy. With a course of primary care: a textbook / V. G. Lychev, V. K. Karmanov. - 2nd ed., revised. and additional - Moscow: FORUM: INFRA-M, 2020. - 544 p.

<https://lib.dvfu.ru/lib/item?id=Znanium:Znanium-1063618&theme=FEFU>

3. Emergency care at the prehospital stage, Altai State Medical University. LLC "Scientific Publishing Center INFRA-M", 2017.

<https://lib.dvfu.ru/lib/item?id=Znanium:Znanium-1067798&theme=FEFU>

4. Fundamentals of nursing: workshop: textbook for secondary vocational education / T. P. Obukhovets; ed. B. V. Kabarukhina. Rostov-on-Don: Phoenix, 2016. <https://lib.dvfu.ru/lib/item?id=chamo:823568&theme=FEFU>

5. Surgery: textbook / E. D. Rubinina; ed. I. K. Gainutdinova. Moscow: Dashkov i K°, 2018.

<https://lib.dvfu.ru/lib/item?id=chamo:868086&theme=FEFU>

## **List of resources of the information and telecommunications network "Internet"**

1. <http://www.dvfu.ru/web/library/nb1> FEFU Scientific Library

2. <http://www.e.library.ru> Electronic library

3. <http://www.consultant.ru/> "Consultant-plus" - the legislation of the Russian Federation

4. <http://www.who.int/ru/> World Health Organization.

5. <http://window.edu.ru> Single window of access to educational resources

6. <http://www.garant.ru> "Garant"

7. <http://fgou-vumc.ru/fgos/fgosvpo.php>. - the official website of VUNMC Roszdrav.

8. <http://www.who.int/ru/> World Health Organization

9. <http://www.vniiki.ru/catalog/gost.aspx> Full-text database of GOSTs valid on the territory of the Russian Federation

10. <http://www.garant.ru> World Health Organization

## List of information technologies and software

The location of the computer equipment on which the software is installed, the number of jobs	Software List
690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10. Building M, computer class of the School of Medicine, room M723, 15 jobs	<p>Microsoft Office Professional Plus 2010; an office suite that includes software for working with various types of documents (texts, spreadsheets, databases, etc.);</p> <ul style="list-style-type: none"> <li>- 7Zip 9.20 - free file archiver with a high degree of data compression;</li> <li>- ABBYY FineReader 11 - a program for optical character recognition;</li> <li>- Adobe Acrobat XI Pro is a software package for creating and viewing electronic publications in PDF format;</li> <li>- ESET Endpoint Security - comprehensive protection of workstations based on Windows OS. Virtualization support + new technologies;</li> <li>- Google Chrome.</li> </ul>
690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10, building A - level 10, Reading rooms of the FEFU Scientific Library with open access to the fund	<p>Microsoft Office Professional Plus 2010; офисный пакет, включающий программное обеспечение для работы с различными типами документов (текстами, электронными таблицами, базами данных и др.);</p> <ul style="list-style-type: none"> <li>– 7Zip 9.20 - свободный файловый архиватор с высокой степенью сжатия данных;</li> <li>– ABBYY FineReader 11 - программа для оптического распознавания символов;</li> <li>– Adobe Acrobat XI Pro – пакет программ для создания и просмотра электронных публикаций в формате PDF;</li> <li>ESET Endpoint Security - comprehensive protection of workstations based on Windows OS. Virtualization support + new technologies;</li> <li>- Google Chrome</li> </ul>

## 11. LOGISTICS AND TECHNICAL SUPPORT OF TRAINING PRACTICE

During the internship, as well as for the organization of independent work, students have access to the following laboratory equipment and specialized rooms that comply with current sanitary and fire safety standards, as well as safety

requirements for educational work. Statistical reports, archival materials of the practice base. It is important to familiarize the student with the electronic legal bases "Garant", "Consultant Plus".

Name of equipped premises for independent work	List of main equipment
<p>690922, Primorsky Territory, Vladivostok, Russian island, Ajax settlement, 10 FEFU Medical Center Surgery Center, Therapy Center</p>	<p>Mono- and bipolar electrosurgical instruments for electrosurgical devices, Endoscopic equipment with accessories, Endoscopic instruments with accessories (arthroscopic set), "Instrument kit for ventriculoscopy", Sterilization round boxes with KF-3 filters, Microprocessor-based freezer with sound and light alarm, Set for small neurosurgery sterilizer BINDER GD 53 bactericidal closed type, Reusable skin stapler SKM-1 (extractor), Patient warmer WarmTouch 5900, Trolley for placing containers, Apparatus for long-term drainage with accessories (Surgical electric pump), Reocor external pacemaker with accessories, SCHILLER electrocardiographs: CARDIOVIT AT- 2, mod.: plu, s, Metpak pressure infusion set 500 ml, Bronchial suction with accessories (Electric bronchial suction), Intubation set; (laryngoscope, blades, charger), Manometer for measuring intracuff pressure multiple times. Applications, Electric functional resuscitation bed, Medical trolley for transporting patients Emergo 6230, Temporary external pacemaker Pace T20 Pharmaceutical refrigerators KhF-400 "POZIS", Electronic digital thermometer, Mechanical tonometer IAD-01-1E, Thermometer for van, Non-contact thermometer NF-3101, Intrahospital 2-tier small trolley, tray depth 20 mm (stainless steel), Rack infusion mobile medical - on 5 wheels, Sterilizer-heater B.Well Kids WK-140 d/bottle 2in1, Wall-mounted medical system for gas supply Linea with accessories, Pulse oximeter MD300 C 1, Devices for measuring blood pressure UA-200 with accessories, Bioocular ophthalmoscope indirect with diffusion filter 12500-D, Otoscopes with accessories model: BETA 200; Sanitary stretcher, Kidney-shaped stainless tray, Kidney-shaped stainless tray, Medical electric bed Hill-Rom © 900 with accessories, Inhaler for aerosol therapy with accessories (Flowmeter for oxygen), Inhaler (nebulizer) Omron Comp Air NE-C24-Kids compress pack p / e No. 1, Elbow wall dispenser DU-010 BelAseptika, GLUKOMETER ACUCHEK AKTIV, Floor medical electronic scales VMEN-150-50 / 100A, Devices for spirometry and pulse oximetry MIR, mod.: Spirodoc with accessories, Medical stethoscopes, models: KaWe-</p>

	Standart-Prestige (Stethophonendoscopes), Electroneurostimulator Stimuplex HNS 12
Reading rooms of the FEFU Scientific Library with open access to the fund (building A - level 10)	HP ProOpe 400 All-in-One 19.5 (1600x900), Core i3-4150T, 4GB DDR3-1600 (1x4GB), 1TB HDD 7200 SATA, DVD+/-RW,GigEth,Wi-Fi,BT,usb kbd/mse,Win7Pro (64-bit)+Win8.1Pro(64-bit),1-1-1 Wty Internet access speed 500 Mbps. Workplaces for people with disabilities are equipped with Braille displays and printers; equipped with: portable devices for reading flat-print texts, scanning and reading machines, a video enlarger with the ability to regulate color spectra; magnifying electronic loupes and ultrasonic markers

In order to provide special conditions for the education of people with disabilities and people with disabilities in FEFU, all buildings are equipped with ramps, elevators, lifts, specialized places equipped with toilets, information and navigation support signs.



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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**TRAINING REPORT**

Professional Medical Training. Ward Nurse Assistant

Completed by (a), student C \_\_\_ : \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Grade \_\_\_\_\_

Practice leader:

from the university \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Grade \_\_\_\_\_

Practice leader:

from the base of practice \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Vladivostok

202\_

**Individual assignment for educational practice**

**TRAINING REPORT**

Clinical practice. Practice for obtaining professional skills and professional experience in the positions of nursing staff (Assistant to the ward nurse)

Student of group C \_\_\_\_\_

Place of internship \_\_\_\_\_

Terms of internship from \_\_\_\_\_ to \_\_\_\_\_ 20\_\_\_\_

Types of work and requirements for their implementation

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Head of practice from FEFU

\_\_\_\_\_

position signature full name

" \_\_\_\_ " \_\_\_\_\_ 20\_\_\_\_





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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**DIARY**

**Clinical practice.**

Practice for obtaining professional skills and professional experience in the  
positions of nursing staff (Assistant to the ward nurse)

Student \_\_\_\_\_  
2 course \_\_\_\_\_ group \_\_\_\_\_ faculty  
Place of internship \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_

Head of practice (teacher) \_\_\_\_\_

Grade for practice \_\_\_\_\_

20/20 academic year

Vladivostok

20\_\_

## Выполнение практических умений в течение производственной практики

Content of work/date	Due minimum												Total
Completing medical documentation	24												
Height measurement, weighing	20												
Body temperature measurement	20												
Counting breaths	20												
Pulse study	20												
BP measurement	20												
Preparing the patient for studies of the circulatory organs	10												
Preparation of patients for studies of the digestive system	10												
Preparation of patients for studies of the urinary organs	5												
Transportation of the patient	10												
Monitoring the work of junior medical staff	20												
Registration of incoming patients	10												
Reception and delivery of duties	10												
Work with sheets of medical appointments	20												
Filling in temperature sheets	20												
Preparing medicines for distribution	15												
Distribution of medicines	15												
Patient follow-up after surgery	5												
The use of heating pads	4												
Applying an ice pack	4												
Humidified oxygen supply	10												
Using a pocket inhaler	5												
Measurement of daily diuresis	5												
Hygiene measures for personnel	10												
San Bulletin	1												
Conversations with	2												

patients on medical topics												
Signature of the nurse												

Describe the methodology:

- rules for the storage and distribution of medicines
- filling out the temperature sheet
- the procedure for the ward nurse in case of suspected pulmonary hemorrhage

Subject of the health bulletin:

Topics for conversations with patients

Department	Date	Conversation topic	Number of patients

**Student Research Report (ERWS): give a brief description of the results obtained**

## CHARACTERISTIC

for a student of \_\_\_\_\_ group No. \_\_\_\_\_ of the Faculty of  
Medicine, who had an educational practice from \_\_\_\_\_ to \_\_\_\_\_ 202\_\_\_. on  
the  
base \_\_\_\_\_

During the internship "Familiarization practice"

Signature of base practice leader \_\_\_\_\_

MP Date \_\_\_\_\_

Work practice credit

1. Keeping a diary \_\_\_\_\_

2. Test control \_\_\_\_\_

3. Certification of practical skills and abilities \_\_\_\_\_

4. Interview \_\_\_\_\_

5. Sanitary and educational work \_\_\_\_\_

6. ERWS \_\_\_\_\_

FINAL GRADE \_\_\_\_\_

Teacher \_\_\_\_\_

Date of \_\_\_\_\_

## STUDENT ERW CARD

**"PREVALENCE OF OVERWEIGHT IN PATIENTS WITH INCREASED BLOOD PRESSURE"**

FULL NAME. \_\_\_\_\_

Age \_\_\_\_\_

Floor \_\_\_\_\_

Family status \_\_\_\_\_

The highest numbers of blood pressure recorded in a patient \_\_\_\_\_

Smoking \_\_\_\_\_

Number of cigarettes smoked per day \_\_\_\_\_

Diagnosis \_\_\_\_\_

**ANTHROPOMETRIC MEASUREMENTS**

Height \_\_\_\_\_

Weight \_\_\_\_\_

Waist circumference (WC) \_\_\_\_\_

Shoulder circumference (SC) \_\_\_\_\_

Thigh circumference (ThC) \_\_\_\_\_

Chest circumference (ChC) \_\_\_\_\_

Body mass index (BMI) \_\_\_\_\_

**HEMODYNAMIC PARAMETERS**

Blood pressure (mm Hg) \_\_\_\_\_

Pulse: frequency \_\_\_\_\_

rhythm \_\_\_\_\_

***Guidelines for Keeping a Practice Diary***

The student undergoes an internship in accordance with the approved calendar schedule of the educational process.

Each student during the period of practice is required to keep a diary about the internship.

The diary is filled out regularly and accurately. The diary reflects the actual work of the student and the activities in which he takes part. The diary is periodically reviewed by the head of the practice. A detailed description of all work performed is given in the practice report.

At the end of the practice, the diary is certified by the head of the practice.



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**SCHOOL OF BIOMEDICINE**

«AGREED»

Head of education program  
«General medicine»

(signature)

Khotimchenko Yu.S.  
(Full name)

«14» January 2021



«APPROVED»

Director of the Department of  
Clinical Medicine

(signature)

Geltser B.I.  
(Full name)

«14» January 2021

**WORKING PROGRAM OF CLINICAL PRACTICE**

Professional Medical Training. Treatment Room Nurse Assistant Education program  
Specialty 31.05.01 «General medicine»  
**Form of study: full time**

Working program is compiled in accordance with the requirements of the Federal State Educational Standard for the direction of training 31.05.01 General Medicine, approved by order of the Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020 No. 988

The work program of the discipline was discussed at a meeting of the Department of Clinical Medicine. Protocol No. 5 of January 14, 2021

Compiled by: Doctor of Medical Sciences, Professor Beniova S.N., Candidate of Medical Sciences, Associate Professor Korableva E.V.

1. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «  
\_\_\_\_\_» 202\_\_г. №*
2. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_» 202\_\_г. №*
3. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_» 202\_\_г. №*
4. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_» 202\_\_г. №*
5. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_» 202\_\_г. №*



## **1. 1. PURPOSES OF LEARNING PRACTICE**

The purposes of the internship are: professional and practical training of students, focused on deepening theoretical training and consolidating students' practical skills and competencies in caring for patients; consolidation and deepening of theoretical training, the acquisition of skills necessary in the work of a ward nurse; mastering the duties of a ward nurse, learning how to independently perform some medical procedures and manipulations of a ward nurse, gaining work experience in a real medical team; use of medical equipment and tools, experience of independent professional activity in the scope of work of a ward nurse through direct participation in the activities of a hospital, as well as the development of competencies necessary for work in the professional field.

## **2. OBJECTIVES OF LEARNING PRACTICE**

- consolidation and deepening of knowledge about the main stages of the work of nursing staff, duties and responsibilities in working with patients with diseases of various organs and systems from the standpoint of nursing staff in different departments of a multidisciplinary hospital;
- mastering the principles of caring for patients of varying degrees
- severity and sanitization rules; organization of the work of the nursing post of the therapeutic, surgical, resuscitation, admission departments; duties of a nurse;
- formation of abilities to organize the work of medical personnel in medical organizations, the definition of functional responsibilities and the optimal algorithm for their implementation;
- formation of abilities to organize measures for labor protection and safety, prevention of occupational diseases, monitoring compliance with and ensuring environmental safety;
- mastering the basic principles of medical ethics and deontology, carrying out sanitary and educational work among patients, familiarization with the basics of the organization and work of nursing staff;
- mastering the methods of administering drugs (intramuscular, subcutaneous injections);

- formation of the student's communication skills with the team.2.

### **3. THE PLACE OF LEARNING PRACTICE IN THE STRUCTURE OF EP HE**

EDUCATIONAL practical training B2.O.03. refers to Block 2 "Practice".

The educational practice of students is the most important link in the training of medical personnel and is an integral part of the educational process. Practice is carried out on the 1st year in the 1st semester.

The main objective of the internship is to obtain and improve future doctors' practical knowledge and skills in caring for patients, diagnosing and providing medical care to patients, getting to know the organization and working conditions of nurses and doctors.

For the passage of educational practice - knowledge and skills obtained in the study of the discipline "Surgical diseases" are required; "Propaedeutics of Internal Diseases", "Medicine of Disasters", as well as disciplines of cycles: humanitarian, social and economic, mathematical, natural sciences and biomedical, professional in the specialty of higher medical education in the direction of training "General Medicine".

The passage of an internship is a necessary condition for the successful formation of general professional competencies.

### **4. TYPES, METHODS, PLACE AND TIME OF LEARNING PRACTICE**

General information about the practice is presented in table 1.

Type of practice	Practice for obtaining professional skills and experience in professional activities ( <i>Assistant to the ward nurse</i> )
Practice type	<b><i>Professional Medical Training. Treatment Room Nurse Assistant</i></b>
Method of carrying out	Stationary / Mobile
Form(s) of holding	discrete / dispersed
Scope of practice in credit units	6 credits

Practice duration	216 ac. hour.
Course, semester	3 course, 6 semester
Places of practice	Structural subdivisions of the FEFU School of Medicine, specialized institutions and organizations: FEFU Medical Center, Vladivostok Clinical Hospital No. 2, Regional Clinical Hospital No. 2, Establishment of the Russian Academy of Sciences Medical Association of the Far Eastern Branch of the Russian Academy of Sciences

For persons with disabilities, the choice of places for internship is consistent with the requirement of their accessibility for these students, and the practice is carried out taking into account the peculiarities of their psychophysical development, individual capabilities and health status.

## **5. STUDENT COMPETENCES FORMED AS A RESULT OF TRAINING PRACTICE**

The planned learning outcomes during the internship are knowledge, skills, possessions and (or) activity experience that characterize the stages (levels) of competency formation and ensure the achievement of the planned results of mastering the educational program as a whole. The list of competencies formed as a result of training during internship is given.

General professional competencies of graduates and indicators of their achievement:

Name of the category (group) of general professional competencies	Code and name of general professional competence (the result of mastering)	Code and name of the indicator of achievement of competence
Healthy lifestyle	GPC-2 Able to conduct and monitor the effectiveness of preventive measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population	GPC -2.1 Knows how to plan and apply the most effective methods and means of informing the population about a healthy lifestyle, increasing its literacy in matters of disease prevention
		GPC-2.2. Has the skills to prepare an oral presentation or printed text that promotes a healthy lifestyle, increases the literacy of the population in matters of sanitary culture and prevention

<b>Code and name of the indicator of achievement of competence</b>	<b>The name of the assessment indicator (the result of training in the discipline)</b>
GPC -2.1 Knows how to plan and apply the most effective methods and means of informing the population about a healthy lifestyle, increasing its literacy in matters of disease prevention	Knows: goals and objectives of a healthy lifestyle
	Knows how to: plan and apply the most effective methods and means of informing the population about a healthy lifestyle, increasing its literacy in matters of disease prevention
	Proficiency: Proficiency in using educational tools and electronic information and educational environments to increase his literacy in matters of disease prevention
GPC-2.2. Has the skills to prepare an oral presentation or printed text that promotes a healthy lifestyle, increases the literacy of the population in matters of sanitary culture and prevention	Knows: goals and objectives of a healthy lifestyle
	Knows how to: carry out informational, educational and sanitary-educational work on the formation of healthy lifestyle skills
	Owns: public speaking skills in order to improve sanitary culture and prevent diseases of the population

<b>Task type</b>	<b>Code and name of the indicator of achievement of competence</b>	<b>The name of the assessment indicator (the result of training in the discipline)</b>
Medical	PC - 3 Ready to provide emergency medical care to patients in conditions that pose a threat to the patient's life, including clinical death (stopping the vital functions of the human body (blood circulation and / or respiration)	PC 3.1. Able to identify conditions requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and breathing
	PC - 6 Able to develop a treatment plan for a disease or condition, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care	PC - 6.1 Knows modern methods of using medicines, medical devices and clinical nutrition for diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care
	PC - 18 Able to monitor the performance of duties by a nurse and other medical workers at their disposal	PC - 18.1 Knows the duties of a district nurse and other medical workers at the disposal
		PC - 18.2 Is able to control the performance of duties by a district nurse and other medical workers at their disposal

<b>Code and name of the indicator of achievement of competence</b>	<b>The name of the assessment indicator (the result of training in the discipline)</b>
PC 3.1. Able to identify conditions requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and breathing	Knows the etiology, pathogenesis, clinical picture, principles of differential diagnosis, complications and outcomes of diseases of internal organs and clinical signs of sudden cessation of blood circulation and respiration
	Able to identify clinical signs of conditions requiring emergency medical care, including clinical symptoms of sudden cessation of blood circulation and breathing
	Has a willingness to identify conditions requiring emergency medical care, including clinical signs of a sudden cessation of blood circulation and breathing
PC - 6.1 Knows modern methods of using medicines, medical devices and clinical nutrition for diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care	Knows Clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care. Basic medical devices and principles of therapeutic nutrition, specialized equipment, technologies, medicines provided for by the procedure for providing medical care.
	Able to justify the choice of basic medical devices, specialized equipment, technology, medicines, provided for by the procedure for providing medical care. Draws up a treatment plan for the patient, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care
	Possesses the ability to choose a drug, nutritional therapy and the use of medical devices in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, assistance taking into account the standards of medical care
PC - 18.1 Knows the duties of a district nurse and other medical workers at the disposal	Knows the duties of the district nurse and the medical workers at the disposal. He knows how to draw up a work plan and a report on his work, draw up a passport for a medical therapeutic area and use various information networks in his professional activities. Knowledge of electronic medical records
	Able to work with personal data of patients and information constituting a medical secret and fill out medical documentation in accordance with accepted requirements, including in electronic form. Able to supervise the

	performance of duties by a nurse and available medical workers
	Possesses the skills of drawing up a work plan and a report on his work, issuing a passport for a medical (therapeutic) site, accounting and reporting and approved medical documentation, including in electronic form, with quality control of its maintenance; skills in paperwork when referring patients for hospitalization, sanatorium treatment, consultations of specialists of a different profile Possesses a readiness to organize medical care in medical institutions that provide medical care on an outpatient basis, including at home when a medical worker is called and in a day hospital. Possesses the skills to control the performance of duties by a nurse and medical workers at their disposal and to ensure the quality and safety of medical activities in accordance with their official duties.
PC - 18.2 Is able to control the performance of duties by a district nurse and other medical workers at their disposal	Knows the legislation of the Russian Federation in the field of health protection, regulations and documents that determine the activities of medical organizations and medical workers. Knows the duties of the district nurse and the medical workers at the disposal
	Able to control the performance of duties by a nurse and medical workers at their disposal.
	Has the skills to control the performance of duties by a nurse and medical workers at their disposal and ensure the quality and safety of medical activities in accordance with their official duties

## 6. STRUCTURE AND CONTENT OF TRAINING PRACTICE

The total labor intensity of educational practice is 6 credit units, 216 hours.

<b>№ п/п</b>	<b>Practice Stage</b>	<b>Approximate types of work in practice, including independent work of students</b>	<b>Labor intensity (in hours)</b>	<b>Form and frequency of current control</b>
1	Preparatory stage	Obtaining a referral for clinical practice at the School of Medicine and presenting it to the personnel department of the organization Passing a safety briefing at the School of Medicine and on the basis of practice Organization of the trainee's workplace Student's independent work	10 hours..	Oral questioning

2	Introductory	The study of organizational and regular structures of the organization-base of practice and powers of its structural divisions. The study of regulatory legal bases of activity base of practice. The study of local documents of the organization-base of practice.	10 hours.	Oral questioning
3	Informative	Implementation of the substantive part of the practice program. Fulfillment of individual tasks Consultations with the head of practice from the base of practice and the head from the department.	186 hours..	Verification by the head of practice from FEFU at the place of practice
4	Reporting	Completion of work on the implementation of individual tasks; description of the tasks performed during the internship; determination of the results of activities in the chosen subject area; self-analysis of the process of compiling and defending a report on practice.	10 hours..	Oral questioning Practice report

## **7. EDUCATIONAL AND METHODOLOGICAL SUPPORT FOR STUDENTS' INDEPENDENT WORK IN EDUCATIONAL PRACTICE**

Student independent work (IWS) is one of the forms of practice and is organized with the aim of:

- systematization and consolidation of the received theoretical knowledge and practical skills of students;
- deepening and expansion of theoretical knowledge;
- formation of the ability to work with various types of information, the ability to use normative, legal, reference documentation and special literature;
- development of cognitive abilities of students;
- formation of such personality traits as responsibility and organization, independent thinking, ability for self-development, self-improvement and self-realization.

Tasks for educational practice are formed in the Internship Program of the FEFU School of Medicine. The content of tasks for practice is based on the general professional and special disciplines passed to the beginning of the practice.

At the working stage of the internship, students get acquainted with the structure of the medical institution, constituent documents, functional duties (job descriptions) of the employees of the departments in which the internship takes place, and acquire the skills of independent professional work in their specialty.

Practical tasks should be carried out in stages, with the consistent development of gradually becoming more complex actions and techniques that make up a set of skills and abilities that determine the practice program.

The individual work of a student at a temporary workplace is organized by the head of the practice under the supervision of the employees of the departments in which the student is doing the practice.

After completing the internship, the student submits a written report on its passage to the head of the internship from FEFU for verification and, if necessary, follows his recommendations for finalizing the report.

The internship report should include the following documents:

1. Voucher (referral) to practice with notes on the day of arrival, departure, stamps and signatures of responsible persons;

2. Practice diary containing daily records of work performed. After the next week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);

3. The student-intern's own report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their elimination, own assessment of the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed



in a folder (bound) and numbered with the compilation of their inventory.

## 8. FORMS OF CERTIFICATION ON THE RESULTS OF PRACTICE

8.1. Fund of assessment tools for conducting intermediate certification of students in practice

Based on the results of the training practice, the student submits a test with an assessment.

8.1.1. A list of competencies that students should master as a result of mastering the educational program, a description of indicators and criteria for their assessment at various stages of formation, an assessment scale.

GPC -2.1 Knows how to plan and apply the most effective methods and means of informing the population about a healthy lifestyle, increasing its literacy in matters of disease prevention	Knows: goals and objectives of a healthy lifestyle	Evaluation of the practice report
	Knows how to: plan and apply the most effective methods and means of informing the population about a healthy lifestyle, increasing its literacy in matters of disease prevention	Evaluation of the practice report
	Proficiency: Proficiency in using educational tools and electronic information and educational environments to increase his literacy in matters of disease prevention	Evaluation of the practice report
GPC-2.2. Has the skills to prepare an oral presentation or printed text that promotes a healthy lifestyle, increases the literacy of the population in matters of sanitary culture and prevention	Knows: goals and objectives of a healthy lifestyle	Evaluation of the practice report
	Knows how to: carry out informational, educational and sanitary-educational work on the formation of healthy lifestyle skills	Evaluation of the practice report
	Owns: public speaking skills in order to improve sanitary culture and prevent diseases of the population	Evaluation of the practice report
PC 3.1. Able to identify conditions requiring emergency medical care, including clinical signs of sudden cessation of blood circulation and breathing	Knows the etiology, pathogenesis, clinical picture, principles of differential diagnosis, complications and outcomes of diseases of internal organs and clinical signs of sudden cessation of blood circulation and respiration	Evaluation of the practice report
	Able to identify clinical signs of conditions requiring emergency medical care, including clinical symptoms of sudden cessation of blood circulation and breathing	
	Has a willingness to identify conditions requiring emergency medical care, including clinical signs of a sudden cessation of blood circulation and breathing	
PC - 6.1 Knows modern methods of using	Knows Clinical guidelines (treatment protocols) on the provision of medical care, taking into	Evaluation of the practice report

<p>medicines, medical devices and clinical nutrition for diseases and conditions in a patient in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p>	<p>account the standards of medical care. Basic medical devices and principles of therapeutic nutrition, specialized equipment, technologies, medicines provided for by the procedure for providing medical care.</p>	
	<p>Able to justify the choice of basic medical devices, specialized equipment, technology, medicines, provided for by the procedure for providing medical care. Draws up a treatment plan for the patient, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p>	
	<p>Possesses the ability to choose a drug, nutritional therapy and the use of medical devices in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, assistance taking into account the standards of medical care</p>	
<p>PC - 18.1 Knows the duties of a district nurse and other medical workers at the disposal</p>	<p>Knows the duties of the district nurse and the medical workers at the disposal. He knows how to draw up a work plan and a report on his work, draw up a passport for a medical therapeutic area and use various information networks in his professional activities. Knowledge of electronic medical records</p>	<p>Evaluation of the practice report</p>
	<p>Able to work with personal data of patients and information constituting a medical secret and fill out medical documentation in accordance with accepted requirements, including in electronic form. Able to supervise the performance of duties by a nurse and available medical workers</p>	
	<p>Possesses the skills of drawing up a work plan and a report on his work, issuing a passport for a medical (therapeutic) site, accounting and reporting and approved medical documentation, including in electronic form, with quality control of its maintenance; skills in paperwork when referring patients for hospitalization, sanatorium treatment, consultations of specialists of a different profile Possesses a readiness to organize medical care in medical institutions that provide medical care on an outpatient basis, including at home when a medical worker is called and in a day hospital. Possesses the skills to control the</p>	

	performance of duties by a nurse and medical workers at their disposal and to ensure the quality and safety of medical activities in accordance with their official duties.	
PC - 18.2 Is able to control the performance of duties by a district nurse and other medical workers at their disposal	Knows the legislation of the Russian Federation in the field of health protection, regulations and documents that determine the activities of medical organizations and medical workers. Knows the duties of the district nurse and the medical workers at the disposal	Evaluation of the practice report
	Able to control the performance of duties by a nurse and medical workers at their disposal.	
	Has the skills to control the performance of duties by a nurse and medical workers at their disposal and ensure the quality and safety of medical activities in accordance with their official duties	

8.1.2. Evaluation scale and criteria for evaluating the results of defending a practice report.

Passing the test based on the results of the internship is carried out by publicly defending the report on the implementation of the internship program before a commission formed by the director of the department, the head of which was appointed by order to send students to practice.

Successful defense of the report should include: a short speech by the student about the results of the internship, as well as answers to the questions of the commission on the documents presented in the report and confirming the implementation of the internship program.

During the defense, the student reports on the content of the work done during the internship. The student may be asked questions about the correctness of a decision taken on a specific case or practice material.

From the student, the head of practice from SBM or members of the commission for the protection of practice have the right to demand answers to any questions that are related to the practice passed. If the student finds it difficult to answer these questions, he may be asked to additionally read the literature, study the material, and in some cases - again undergo an internship.

Based on the report and the defense of the results of the practice, the student is given a grade: credited (“excellent”, “good”, “satisfactory”), or not credited

(“unsatisfactory”). The assessment is put down in the student's record book and in the statement by the head of his practice from the department.

### **Criteria for grading a student in the practice test**

<b>Grade</b>	<b>Requirements for the formed competencies</b>
<b>Passed ("Excellent")</b>	The grade credited (“excellent”) is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the assignment for practice, knows how to closely link theory with practice, freely copes with tasks, questions and other types of application of knowledge, knows how to give examples, answered all the questions during the defense of the practice, the answers are logical, deep and complete disclosure
<b>Passed ("Good")</b>	The grade credited (“good”) is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the practice assignment, copes well with tasks, questions and other types of application of knowledge, answered the main questions during the defense of the practice, the answers are different consistency and completeness of the disclosure of the topic, however, one or two inaccuracies in the answer are allowed
<b>Passed ("satisfactorily")</b>	The grade credited (“satisfactory”) is given to the student if he has completed the main part of the practice program, but is hardly able to use theoretical knowledge when completing the assignment in practice, generally copes with tasks, questions and other types of application of knowledge, answers to questions during the defense practices lack depth and completeness
<b>Not credited ("unsatisfactory")</b>	The grade is not credited (“unsatisfactory”) is given to a student who has not completed the practice program, is not able to use theoretical knowledge when completing the practice assignment, cannot cope with tasks, questions and other types of application of knowledge, has not answered the main questions during the defense of the practice

A student who has not completed the practice program for a good reason is sent to practice again in his free time from classroom studies. A student who fails to complete an internship program without a valid reason or receives an unsatisfactory grade is considered to have an academic debt. The liquidation of this debt is carried out in accordance with the FEFU regulations.

#### 8.1.3 Methodological materials defining the assessment procedure

##### Preparation of a practice report

The study practice report is compiled in accordance with the main stage of the

practice program and reflects the implementation of an individual task. The volume of the report should be 15-20 pages of typewritten text (excluding appendices). The report is drawn up on A4 paper and bound in a single block. The text of the report is presented on one side of the sheet, in Times New Roman font, size 14, with 1.5 intervals. Each page of the work is drawn up with the following margins: left - 30 mm; right - 10 mm; top - 20 mm; lower - 20 mm. Paragraph indentation in the text - 1.5 cm. All pages of the work must have continuous numbering, including applications. The numbering is in Arabic numerals, with the page number placed in the lower right corner, starting from the table of contents after the title page. All structural elements of the practice report are stitched together.

The internship report should include the following documents:

1. Voucher (referral) to practice with notes on the day of arrival, departure, stamps and signatures of responsible persons;

2. Practice diary containing daily records of work performed. After the next week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);

- 3 The student-intern's report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their elimination, their own assessment the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

Contents of report sections

Title page (Appendix 1)

Content

Introduction

Main part

-General characteristics of the practice base

-Description of the workplace and functional duties

- Individual task for internship (Appendix 2)

- Practice diary (Appendix 3)

Conclusion on the results of practice

List of used materials

## **9. EDUCATIONAL-METHODOLOGICAL AND INFORMATION SUPPORT FOR PRACTICE**

### **Main literature**

1. Nursing in therapy: a textbook for universities / N. G. Petrova, V. N. Petrov, V. A. Lapotnikov, V. L. Emanuel; executive editor N. G. Petrova. - 3rd ed., Rev. and additional - Moscow: Yurayt Publishing House, 2021. - 495 p. <https://lib.dvfu.ru/lib/item?id=Urait:Urait-467794&theme=FEFU>

2. Nursing in surgery: textbook and workshop for universities / T. I. Okonenko, G. I. Chuvakov. — 2nd ed., corrected. and additional - Moscow: Yurayt Publishing House, 2020. - 158 p. <https://lib.dvfu.ru/lib/item?id=Urait:Urait-451623&theme=FEFU>

3. General nursing: textbook for universities: in English. lang. / V. N. Oslopov, O. V. Bogoyavlenskaya. M.: GEOTAR-Media, 2019. <https://lib.dvfu.ru/lib/item?id=chamo:881237&theme=FEFU>

4. General care for therapeutic patients [Electronic resource]: textbook / V. N. Kotelnikov, V. G. Seyidov, B. I. Geltser; Far Eastern Federal University, School of Biomedicine. Publishing House of the Far Eastern Federal University, 2018. <https://lib.dvfu.ru/lib/item?id=chamo:874520&theme=FEFU>

### **Additional literature**

*(printed and electronic editions)*

1. Sdrav.ru - information support portal for health care facility specialists / <https://www.zdrav.ru/rubric/89649-sestrinskie-manipulyatsii-i-protsess>
2. Lychev, VG Nursing in therapy. With a course of primary care: a textbook / V. G. Lychev, V. K. Karmanov. - 2nd ed., revised. and additional - Moscow: FORUM: INFRA-M, 2020. - 544 p. <https://lib.dvfu.ru/lib/item?id=Znanium:Znanium-1063618&theme=FEFU>
3. Emergency care at the prehospital stage, Altai State Medical University. LLC "Scientific Publishing Center INFRA-M", 2017. <https://lib.dvfu.ru/lib/item?id=Znanium:Znanium-1067798&theme=FEFU>
4. Fundamentals of nursing: workshop: textbook for secondary vocational education / T. P. Obukhovets; ed. B. V. Kabarukhina. Rostov-on-Don: Phoenix, 2016. <https://lib.dvfu.ru/lib/item?id=chamo:823568&theme=FEFU>
5. Surgery: textbook / E. D. Rubinina; ed. I. K. Gainutdinova. Moscow: Dashkov i K°, 2018. <https://lib.dvfu.ru/lib/item?id=chamo:868086&theme=FEFU>

### **List of resources of the information and telecommunications network "Internet"**

1. <http://www.dvfu.ru/web/library/nb1> FEFU Scientific Library
2. <http://www.e.library.ru> Electronic library
3. <http://www.consultant.ru/> "Consultant-plus" - the legislation of the Russian Federation
4. <http://www.who.int/ru/> World Health Organization.
5. <http://window.edu.ru> Single window of access to educational resources
6. <http://www.garant.ru> "Garant"
7. <http://fgou-vumc.ru/fgos/fgosvpo.php>. - the official website of VUNMC Roszdrav.
8. <http://www.who.int/ru> World Health Organization

9. <http://www.vniiki.ru/catalog/gost.aspx> Full-text database of GOSTs valid on the territory of the Russian Federation

10. <http://www.garant.ru> World Health Organization

### List of information technologies and software

<b>The location of the computer equipment on which the software is installed, the number of jobs</b>	<b>Software List</b>
690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10. Building M, computer class of the School of Medicine, room M723, 15 jobs	<p>Microsoft Office Professional Plus 2010; an office suite that includes software for working with various types of documents (texts, spreadsheets, databases, etc.);</p> <ul style="list-style-type: none"> <li>- 7Zip 9.20 - free file archiver with a high degree of data compression;</li> <li>- ABBYY FineReader 11 - a program for optical character recognition;</li> <li>- Adobe Acrobat XI Pro is a software package for creating and viewing electronic publications in PDF format;</li> <li>- ESET Endpoint Security - comprehensive protection of workstations based on Windows OS. Virtualization support + new technologies;</li> <li>- Google Chrome.</li> </ul>
690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10, building A - level 10, Reading rooms of the FEFU Scientific Library with open access to the fund	<p>Microsoft Office Professional Plus 2010; офисный пакет, включающий программное обеспечение для работы с различными типами документов (текстами, электронными таблицами, базами данных и др.);</p> <ul style="list-style-type: none"> <li>– 7Zip 9.20 - свободный файловый архиватор с высокой степенью сжатия данных;</li> <li>– ABBYY FineReader 11 - программа для оптического распознавания символов;</li> <li>– Adobe Acrobat XI Pro – пакет программ для создания и просмотра электронных публикаций в формате PDF;</li> <li>– ESET Endpoint Security - comprehensive protection of workstations based on Windows OS. Virtualization support + new technologies;</li> <li>- Google Chrome.</li> </ul>



## 11. LOGISTICS AND TECHNICAL SUPPORT OF TRAINING PRACTICE

During the internship, as well as for the organization of independent work, students have access to the following laboratory equipment and specialized rooms that comply with current sanitary and fire safety standards, as well as safety requirements for educational work. Statistical reports, archival materials of the practice base. It is important to familiarize the student with the electronic legal bases "Garant", "Consultant Plus".

Name of equipped premises for independent work	List of main equipment
690922, Primorsky Territory, Vladivostok, Russian island, Ajax settlement, 10 FEFU Medical Center Surgery Center, Therapy Center	Mono- and bipolar electrosurgical instruments for electrosurgical devices, Endoscopic equipment with accessories, Endoscopic instruments with accessories (arthroscopic set), "Instrument kit for ventriculocopy", Sterilization round boxes with KF-3 filters, Microprocessor-based freezer with sound and light alarm, Set for small neurosurgery sterilizer BINDER GD 53 bactericidal closed type, Reusable skin stapler SKM-1 (extractor), Patient warmer WarmTouch 5900, Trolley for placing containers, Apparatus for long-term drainage with accessories (Surgical electric pump), Reocor external pacemaker with accessories, SCHILLER electrocardiographs: CARDIOVIT AT- 2, mod.: plu, s, Metpak pressure infusion set 500 ml, Bronchial suction with accessories (Electric bronchial suction), Intubation set; (laryngoscope, blades, charger), Manometer for measuring intracuff pressure multiple times. Applications, Electric functional resuscitation bed, Medical trolley for transporting patients Emergo 6230, Temporary external pacemaker Pace T20 Pharmaceutical refrigerators KhF-400 "POZIS", Electronic digital thermometer, Mechanical tonometer IAD-01-1E, Thermometer for van, Non-contact thermometer NF-3101, Intrahospital 2-tier small trolley, tray depth 20 mm (stainless steel), Rack infusion mobile medical - on 5 wheels, Sterilizer-heater B.Well Kids WK-140 d/bottle 2in1, Wall-mounted medical system for gas supply Linea with accessories, Pulse oximeter MD300 C 1 , Devices for measuring blood pressure UA-200 with accessories, Bioocular ophthalmoscope indirect with diffusion filter 12500-D, Otoscopes with accessories model: BETA 200; Sanitary stretcher, Kidney-shaped stainless tray, Kidney-shaped stainless tray, Medical

	<p>electric bed Hill-Rom © 900 with accessories, Inhaler for aerosol therapy with accessories (Flowmeter for oxygen), Inhaler (nebulizer) Omron Comp Air NE-C24-Kids compress pack p / e No. 1, Elbow wall dispenser DU-010 BelAseptika, GLUKOMETER ACUCHEK AKTIV, Floor medical electronic scales VMEN-150-50 / 100A, Devices for spirometry and pulse oximetry MIR, mod.: Spirodoc with accessories, Medical stethoscopes, models: KaWe-Standart-Prestige (Stethophonendoscopes), Electroneurostimulator Stimuplex HNS 12</p>
<p>Reading rooms of the FEFU Scientific Library with open access to the fund (building A - level 10)</p>	<p>HP ProOpe 400 All-in-One 19.5 (1600x900), Core i3-4150T, 4GB DDR3-1600 (1x4GB), 1TB HDD 7200 SATA, DVD+/-RW, GigEth, Wi-Fi, BT, usb kbd/mse, Win7Pro (64-bit)+Win8.1Pro(64-bit), 1-1-1 Wty Internet access speed 500 Mbps. Workplaces for people with disabilities are equipped with Braille displays and printers; equipped with: portable devices for reading flat-print texts, scanning and reading machines, a video enlarger with the ability to regulate color spectra; magnifying electronic loupes and ultrasonic markers</p>

In order to provide special conditions for the education of people with disabilities and people with disabilities in FEFU, all buildings are equipped with ramps, elevators, lifts, specialized places equipped with toilets, information and navigation support signs.



MINISTRY OF SCIENCE AND HIGHER EDUCATION AND OF THE RUSSIAN  
FEDERATION  
Federal state autonomous educational institution  
of higher education  
«Far Eastern Federal University»  
(FEFU)

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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**TRAINING REPORT**

Professional Medical Training. Treatment Room Nurse Assistant

Completed by (a), student C \_\_\_ : \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Grade \_\_\_\_\_

Practice leader:

from the university \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Grade \_\_\_\_\_

Practice leader:

from the base of practice \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Vladivostok

202\_

**Individual assignment for educational practice**

**TRAINING REPORT**

Clinical practice. Practice for obtaining professional skills and professional experience in the positions of nursing staff (Assistant to the ward nurse)

Student of group C \_\_\_\_\_

Place of internship \_\_\_\_\_

Terms of internship from \_\_\_\_\_ to \_\_\_\_\_ 20\_\_\_\_

Types of work and requirements for their implementation

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Head of practice from FEFU

\_\_\_\_\_

position signature full name

" \_\_\_\_ " \_\_\_\_\_ 20\_\_\_\_



MINISTRY OF SCIENCE AND HIGHER EDUCATION AND OF THE RUSSIAN  
FEDERATION  
Federal state autonomous educational institution  
of higher education  
«Far Eastern Federal University»  
(FEFU)

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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**DIARY**

**Clinical practice.**

Professional Medical Training. Treatment Room Nurse Assistant

Student \_\_\_\_\_

3 course \_\_\_\_\_ group \_\_\_\_\_ faculty

Place of internship \_\_\_\_\_

from \_\_\_\_\_ to \_\_\_\_\_

Head of practice (teacher) \_\_\_\_\_

Grade for practice \_\_\_\_\_

20/20 academic year

Vladivostok

20\_\_

### Implementation of practical skills during work experience

Content of work/date	Due minimum														Total
Completing medical documentation	24														
Interrogation of the patient	20														
General examination of the patient	20														
Counting breaths	20														
Pulse study	20														
BP measurement	20														
Intramuscular injections	50														
Subcutaneous and intradermal injections	30														
Venipuncture	20														
Intravenous jet injection of drugs	20														
Intravenous drip administration of drugs	20														
Processing of medical instruments	20														
Reception and delivery of duties	10														
Work with sheets of medical appointments	20														
Registration of unwanted side effects	10														
Monitoring the work of junior medical staff	10														
Fulfillment of medical appointments for postoperative patients	10														
Evaluation of the results of a laboratory blood test (clinical and biochemical analysis)	4														
Evaluation of the results of the study of urine	4														
Assessment of ECG results	5														
Evaluation of the results of spirometry	5														
Blood transfusion and compatibility assessment	4														
Hygiene measures for personnel	10														
health bulletin	1														
Conversations with patients on medical topics	2														
Signature of the nurse															

Describe the methodology

- determination of compatibility in blood transfusion

Analyze 2 electrocardiograms and give a conclusion

Analyze 2 spirograms and give a conclusion

Subject of the health bulletin:

Topics for conversations with patients

Department	Date	Conversation topic	Number of patients

**Student Research Report (ERWS): give a brief description of the results obtained**



## CHARACTERISTIC

for a student of \_\_\_\_\_ group No. \_\_\_\_\_ of the General  
Medicine, who had an educational practice from \_\_\_\_\_ to \_\_\_\_\_ 202\_\_\_. on  
the base \_\_\_\_\_

During the internship "Familiarization practice"

Signature of base practice leader \_\_\_\_\_

MP Date \_\_\_\_\_

Work practice credit

1. Keeping a diary \_\_\_\_\_

2. Test control \_\_\_\_\_

3. Certification of practical skills and abilities \_\_\_\_\_

4. Interview \_\_\_\_\_

5. Sanitary and educational work \_\_\_\_\_

6. ERWS \_\_\_\_\_

FINAL GRADE \_\_\_\_\_

Teacher \_\_\_\_\_

Date of \_\_\_\_\_

## STUDENT ERW CARD

"PREVALENCE OF OVERWEIGHT IN PATIENTS WITH INCREASED BLOOD PRESSURE"

FULL NAME. \_\_\_\_\_

Age \_\_\_\_\_

Floor \_\_\_\_\_

Family status \_\_\_\_\_

The highest numbers of blood pressure recorded in a patient \_\_\_\_\_

Smoking \_\_\_\_\_

Number of cigarettes smoked per day \_\_\_\_\_

Diagnosis \_\_\_\_\_

## ANTHROPOMETRIC MEASUREMENTS

Height \_\_\_\_\_

Weight \_\_\_\_\_

Waist circumference (WC) \_\_\_\_\_

Shoulder circumference (SC) \_\_\_\_\_

Thigh circumference (ThC) \_\_\_\_\_

Chest circumference (ChC) \_\_\_\_\_

Body mass index (BMI) \_\_\_\_\_

## HEMODYNAMIC PARAMETERS

Blood pressure (mm Hg) \_\_\_\_\_

Pulse: frequency \_\_\_\_\_

rhythm \_\_\_\_\_

***Guidelines for Keeping a Practice Diary***

The student undergoes an internship in accordance with the approved calendar schedule of the educational process.

Each student during the period of practice is required to keep a diary about the internship.

The diary is filled out regularly and accurately. The diary reflects the actual work of the student and the activities in which he takes part. The diary is periodically reviewed by the head of the practice. A detailed description of all work performed is given in the practice report.

At the end of the practice, the diary is certified by the head of the practice.



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**SCHOOL OF BIOMEDICINE**

«AGREED»

Head of education program  
«General medicine»

  
(signature)

Khotimchenko Yu.S.  
(Full name)

«14» January 2021



«APPROVED»

Director of the Department of  
Clinical Medicine

  
(signature)

Geltser B.I.  
(Full name)

«14» January 2021

**WORKING PROGRAM OF CLINICAL PRACTICE**

Professional Medical Training. Assistant to a doctor of a therapeutic, surgical, obstetric and  
gynecological hospital  
Specialty 31.05.01 «General medicine»  
**Form of study: full time**

Working program is compiled in accordance with the requirements of the Federal State Educational Standard for the direction of training 31.05.01 General Medicine, approved by order of the Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020 No. 988

The work program of the discipline was discussed at a meeting of the Department of Clinical Medicine. Protocol No. 5 of January 14, 2021

Compiled by: Doctor of Medical Sciences, Professor Beniova S.N., Candidate of Medical Sciences, Associate Professor Korableva E.V.

1. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «  
\_\_\_\_\_» 202\_\_г. №*
2. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_» 202\_\_г. №*
3. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_» 202\_\_г. №*
4. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_» 202\_\_г. №*
5. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_» 202\_\_г. №*

## **1. 1 PURPOSES OF LEARNING PRACTICE**

The purposes of the internship are: professional and practical training of students, focused on deepening theoretical training and consolidating students' practical skills and competencies in caring for patients; consolidation and deepening of theoretical training, the acquisition of skills necessary in the work of a ward nurse; mastering the duties of a ward nurse, learning how to independently perform some medical procedures and manipulations of a ward nurse, gaining work experience in a real medical team; use of medical equipment and tools, experience of independent professional activity in the scope of work of a ward nurse through direct participation in the activities of a hospital, as well as the development of competencies necessary for work in the professional field.

## **2. OBJECTIVES OF LEARNING PRACTICE**

- consolidation and deepening of knowledge about the main stages of the work of nursing staff, duties and responsibilities in working with patients with diseases of various organs and systems from the standpoint of nursing staff in different departments of a multidisciplinary hospital;
- mastering the principles of caring for patients of varying degrees
- severity and sanitization rules; organization of the work of the nursing post of the therapeutic, surgical, resuscitation, admission departments; duties of a nurse;
- formation of abilities to organize the work of medical personnel in medical organizations, the definition of functional responsibilities and the optimal algorithm for their implementation;
- formation of abilities to organize measures for labor protection and safety, prevention of occupational diseases, monitoring compliance with and ensuring environmental safety;
- mastering the basic principles of medical ethics and deontology, carrying out sanitary and educational work among patients, familiarization with the basics of the organization and work of nursing staff;
- mastering the methods of administering drugs (intramuscular, subcutaneous injections);

- formation of the student's communication skills with the team.2.

### **3. THE PLACE OF LEARNING PRACTICE IN THE STRUCTURE OF EP HE**

EDUCATIONAL practical training B2.O.04. refers to Block 2 "Practice".

The educational practice of students is the most important link in the training of medical personnel and is an integral part of the educational process. Practice is carried out on the 1st year in the 1st semester.

The main objective of the internship is to obtain and improve future doctors' practical knowledge and skills in caring for patients, diagnosing and providing medical care to patients, getting to know the organization and working conditions of nurses and doctors.

For the passage of educational practice - knowledge and skills obtained in the study of the discipline "Surgical diseases" are required; "Propaedeutics of Internal Diseases", "Medicine of Disasters", as well as disciplines of cycles: humanitarian, social and economic, mathematical, natural sciences and biomedical, professional in the specialty of higher medical education in the direction of training "General Medicine".

The passage of an internship is a necessary condition for the successful formation of general professional competencies.

### **4. TYPES, METHODS, PLACE AND TIME OF LEARNING PRACTICE**

General information about the practice is presented in table 1

Type of practice	Practice for obtaining professional skills and experience in professional activities ( <i>Assistant to the ward nurse</i> )
Practice type	<b><i>Professional Medical Training. Assistant to a doctor of a therapeutic, surgical, obstetric and gynecological hospital</i></b>
Method of carrying out	Stationary / Mobile
Form(s) of holding	discrete / dispersed

Scope of practice in credit units	8 credits
Practice duration	288 ac. hour.
Course, semester	4 course, 8 semester
Places of practice	Structural subdivisions of the FEFU School of Medicine, specialized institutions and organizations: FEFU Medical Center, Vladivostok Clinical Hospital No. 2, Regional Clinical Hospital No. 2, Establishment of the Russian Academy of Sciences Medical Association of the Far Eastern Branch of the Russian Academy of Sciences

For persons with disabilities, the choice of places for internship is consistent with the requirement of their accessibility for these students, and the practice is carried out taking into account the peculiarities of their psychophysical development, individual capabilities and health status.

## **5. STUDENT COMPETENCES FORMED AS A RESULT OF TRAINING PRACTICE**

The planned learning outcomes during the internship are knowledge, skills, possessions and (or) activity experience that characterize the stages (levels) of competency formation and ensure the achievement of the planned results of mastering the educational program as a whole. The list of competencies formed as a result of training during internship is given.

General professional competencies of graduates and indicators of their achievement:

Name of the category (group) of general professional competencies	Code and name of general professional competence (the result of mastering)	Code and name of the indicator of achievement of competence
Healthy lifestyle	GPC-6 Able to organize patient care, provide primary health care, ensure the organization of work and the adoption of professional decisions in emergency conditions at the prehospital stage, in emergency situations,	GPC-6.4 Knows how to use medicines and medical devices in the provision of medical care in an emergency form at the prehospital stage

Name of the category (group) of general professional competencies	Code and name of general professional competence (the result of mastering)	Code and name of the indicator of achievement of competence
	epidemics and in centers of mass destruction	

Task type	Code and name of the indicator of achievement of competence
GPC-6.4 Knows how to use medicines and medical devices in the provision of medical care in an emergency form at the prehospital stage	Knows: Clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care. Knows the main drugs prescribed by the order of medical care.
	Able to: Justify the choice of essential drugs provided for by the order of medical care. Draws up a treatment plan for the patient, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care
	Owens: methods of providing medical care in an emergency form at the prehospital stage, taking into account the standards of medical care

Task type	Code and name of the indicator of achievement of competence	The name of the assessment indicator (the result of training in the discipline)
Medical	PC - 4 Ready to collect and analyze the patient's complaints, his medical history, the results of a physical examination, laboratory, instrumental, post-mortem and other studies in order to recognize the condition or establish the presence or absence of a disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care	PC - 4.5 Knows how to justify the need and scope of laboratory and instrumental examination of the patient, the need to refer the patient for consultations with specialist doctors
		PC - 4.6 Knows the procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care
	PC - 5 Capable of establishing a diagnosis, taking into account the current international statistical classification of diseases and related health problems (ICD)	PC - 5.4 Knows how to apply the international statistical classification of diseases and related health problems (ICD) to make a diagnosis



	PC - 9 Capable of assessing the effectiveness and safety of the use of drugs, medical devices, clinical nutrition and other methods of treatment	PC - 9.2 Able to evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition
	PC -10 Ready to organize personalized treatment of the patient, including pregnant women, elderly and senile patients, evaluation of the effectiveness and safety of treatment	PC -10.1 Knows the physiological characteristics of patients depending on the constitutional type, age, concomitant diseases and changes associated with pregnancy
		PC - 10.2 Able to prescribe personalized treatment of patients depending on the constitutional type, age, comorbidities and changes associated with pregnancy, taking into account the standards of medical care

Код и наименование индикатора достижения компетенции	Наименование показателя оценивания (результата обучения по дисциплине)
PC - 4.5 Knows how to justify the need and scope of laboratory and instrumental examination of the patient, the need to refer the patient for consultations with specialist doctors	Knows the procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care, the International Statistical Classification of Diseases; the required volume of additional examination methods: laboratory, instrumental, in accordance with current clinical guidelines (treatment protocols)
	Knows how to determine the need and scope of additional examination methods: laboratory, instrumental, in accordance with current clinical guidelines (treatment protocols), procedures for providing medical care and taking into account the standards of medical care; the need for referral to specialist doctors in accordance with current clinical guidelines (treatment protocols)
	Possesses the skills to evaluate the results obtained to justify the choice of the optimal algorithm for examining the patient, appointment of consultations of medical specialists
PC - 4.6 Knows the procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care	Knows the standards of medical care; current clinical guidelines (treatment protocols). International Statistical Classification of Diseases
	Knows how to prescribe etiotropic and pathogenetic therapy for children with somatic diseases, in accordance with the current procedures for the provision of medical

	care, clinical recommendations (treatment protocols), and standards for the provision of medical care.
	Possesses the skills of prescribing etiologic and pathogenetic therapy in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols), and methods of providing medical care.
PC - 5.4 Knows how to apply the international statistical classification of diseases and related health problems (ICD) to make a diagnosis	Knows the international statistical classification of diseases and health-related problems
	Able to formulate a diagnosis according to the international statistical classification of diseases and health-related problems
	Has the skills to make a diagnosis according to the international statistical classification of diseases and health-related problems
PC - 9.2 Able to evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition	Knows medicines, medical products and clinical nutrition, taking into account the diagnosis, their effectiveness and safety.
	Knows how to reasonably prescribe non-drug drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) and evaluate the effectiveness and safety of the use of drugs, medical devices and clinical nutrition
	Owns methods for monitoring the effectiveness and safety of the use of drugs for treatment from the standpoint of evidence-based medicine
PC -10.1 Knows the physiological characteristics of patients depending on the constitutional type, age, concomitant diseases and changes associated with pregnancy	Knows the physiological foundations of the normal functioning of various human organs and systems, the biochemical foundations of the normal functioning of various human organs and systems, the etiological and pathogenetic features of diseases of organs and systems
	Able to determine and evaluate the physiological characteristics of the state of the human body, determine and evaluate the pathological conditions of the human body
	He has the skills to assess the pathological conditions of the human body, taking into account the physiological and constitutional features.
PC - 10.2 Able to prescribe personalized treatment of patients depending on the constitutional type, age, comorbidities and changes associated with pregnancy, taking into account the standards of medical care	Knows the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care
	Able to prescribe medicines, medical devices and nutritional therapy, taking into account the diagnosis, age and clinical picture of the disease

	Has the skills to prescribe drugs, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations on the provision of medical care, taking into account the standards of medical care
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## 6. 6. STRUCTURE AND CONTENT OF TRAINING PRACTICE

The total labor intensity of educational practice is 8 credit units, 288 hours.

Practice Stage	Approximate types of work in practice, including independent work of students	Labor intensity (in hours)	Form and frequency of current control
<b>Internship</b> <b>"Clinical practice" (Assistant doctor of a hospital of a therapeutic profile)</b> <b>Module 1 Therapy</b>			
Preparatory	Safety briefing. Workplace distribution	2	Teacher control
Basic	1) Curation of patients, filling out documentation. 2) Participation in the daily morning conference. 3) Clinical examination of the patient 4) Filling out medical documentation, writing a medical history with a justification for the diagnosis. 5) Appointment of examination and treatment and preventive measures. 6) Work as a doctor's assistant (under the guidance of a doctor) with a report (examination of the patient, provision of necessary assistance, entry in the medical history). 7) Mastering paraclinical methods (presence during instrumental examinations: sternal puncture, paracentesis, pleural puncture, ultrasound, FGDS, computer, x-ray examination). 8) Interpretation of data from laboratory and instrumental research methods. 9) Acquaintance with the work of auxiliary medical departments (X-ray, functional therapy, exercise therapy, extracorporeal methods, etc.);	92 hours	PR - 1 TS - 1

	<p>10) Work in the treatment room (in / in, in / m injections, punctures of the joints, pleura.</p> <p>11) Propaganda of medical knowledge (conducting conversations, writing and reading lectures to patients, issuing a dignity bulletin).</p> <p>Implementation of the ERWS (collection and analysis of material, under the guidance of a teacher to prepare abstracts and a report for the final student conference).</p>		
Final stage	Preparation of a report, interview, practical skills on dummies, testing	2 hours	UO - 1 PR - 1 TS - 1
Total		96 hours	
<b>"Clinical practice" (Assistant doctor of a hospital of a therapeutic profile) (Assistant to the doctor of the surgical profile hospital) Module 2 Surgery</b>			
Preparatory	Safety briefing. Workplace distribution	2	Teacher control
Basic	<ol style="list-style-type: none"> <li>1) Filling out case histories.</li> <li>2) Performing the imposition of plaster bandages (for students in trauma departments)</li> <li>3) Performing splinting (for students in trauma departments)</li> <li>4) Imposition of skeletal traction in fractures (for students in trauma departments)</li> <li>5) Determine the blood type.</li> <li>6) Performing subcutaneous, intramuscular, intravenous injections.</li> <li>7) Performing intravenous infusions.</li> <li>8) Performing blood transfusion.</li> <li>9) Perform gastric lavage.</li> <li>10) Performing siphon enemas.</li> <li>11) Perform bladder catheterization.</li> <li>12) To produce local anesthesia and novocaine blockade.</li> <li>13) Performing minor operations under the guidance of a doctor.</li> <li>14) Assist in operations.</li> <li>15) Be present at operations.</li> <li>16) Perform work in a purulent dressing room.</li> </ol>	92 hours	PR - 1 TS - 1

	<p>17) Participate in ultrasound research.</p> <p>18) Participate in X-ray examinations.</p> <p>19) Participate in endoscopic examinations.</p> <p>20) Conduct health education conversations with patients (employees).</p> <p>Implementation of ERWS (collection and analysis of material, under the guidance of a teacher to prepare abstracts and reports for a student conference).</p> <p>- Preparing a reporta</p>		
Final stage	Preparation of a report, interview, practical skills on dummies, testing	2 hours	UO - 1 PR - 1 TS - 1
Total		96 hours	
<b>Clinical practice" (Assistant doctor of a hospital of a therapeutic profile) (Assistant to the doctor of the surgical profile hospital) Module 3 Obstetrics and Gynecology</b>			
Preparatory	Safety briefing. Workplace distribution	2 hours	Teacher control
Basic	<p>1) Performing smears for cytological and bacteriological examination</p> <p>2) Filling out a disability certificate for pregnancy and childbirth</p> <p>3) Performing a colposcopy</p> <p>4) Performance in delivery (phantom)</p> <p>5) Conduct the first toilet of a newborn</p> <p>6) Carry out patronage of pregnant women at home</p> <p>7) Performing the determination of the estimated fetal weight</p> <p>8) Completing the due date</p> <p>9) Perform vaginal treatment in pregnant women</p> <p>10) Determine the readiness of the cervix for childbirth (phantom, w / c)</p>	92 hours	PR - 1 TS - 1

	11) Perform work in a small operating room 12) Be present during electrocoagulation 13) Be present at cervical biopsy 14) Be present at a mini-abortion 15) Assist in operations: 16) obstetric 17) gynecological 18) Perform newborn Apgar assessment. 19) Determination of the integrity of the placenta 20) Participation in neonatal resuscitation (phantom) 21) Assist in suturing ruptures of the cervix and perineum. 22) Perform a manual examination of the uterine cavity (phantom) 23) Participate in the removal of sutures from the perineum after childbirth. 24) Participate in the application of obstetric forceps, vacuum extraction of the fetus by the head (phantom) 25) Participate in the implementation of measures to combat uterine bleeding. 26) Participate in the provision of emergency care for severe forms of preeclampsia. Carry out ERWS		
Final stage	Preparation of a report, interview, practical skills on dummies, testing	2 hours	UO - 1 PR - 1 TS - 1
Total		96 hours	
Total		<b>288</b> hours	

## 7. EDUCATIONAL AND METHODOLOGICAL SUPPORT FOR STUDENTS' INDEPENDENT WORK IN EDUCATIONAL PRACTICE

Student independent work (IWS) is one of the forms of practice and is organized with the aim of:

- systematization and consolidation of the received theoretical knowledge

and practical skills of students;

- deepening and expansion of theoretical knowledge;
- formation of the ability to work with various types of information, the ability to use normative, legal, reference documentation and special literature;
- development of cognitive abilities of students;
- formation of such personality traits as responsibility and organization, independent thinking, ability for self-development, self-improvement and self-realization.

Tasks for educational practice are formed in the Internship Program of the FEFU School of Medicine. The content of tasks for practice is based on the general professional and special disciplines passed to the beginning of the practice.

At the working stage of the internship, students get acquainted with the structure of the medical institution, constituent documents, functional duties (job descriptions) of the employees of the departments in which the internship takes place, and acquire the skills of independent professional work in their specialty.

Practical tasks should be carried out in stages, with the consistent development of gradually becoming more complex actions and techniques that make up a set of skills and abilities that determine the practice program.

The individual work of a student at a temporary workplace is organized by the head of the practice under the supervision of the employees of the departments in which the student is doing the practice.

After completing the internship, the student submits a written report on its passage to the head of the internship from FEFU for verification and, if necessary, follows his recommendations for finalizing the report.

The internship report should include the following documents:

1. Voucher (referral) to practice with notes on the day of arrival, departure, stamps and signatures of responsible persons;
2. Practice diary containing daily records of work performed. After the next week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The

diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);

3. The student-intern's own report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their elimination, own assessment of the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

## 8. FORMS OF CERTIFICATION ON THE RESULTS OF PRACTICE

8.1. Fund of assessment tools for conducting intermediate certification of students in practice

Based on the results of the training practice, the student submits a test with an assessment.

8.1.1. A list of competencies that students should master as a result of mastering the educational program, a description of indicators and criteria for their assessment at various stages of formation, an assessment scale.

GPC-6.4 Knows how to use medicines and medical devices in the provision of medical care in an emergency form at the prehospital stage	Knows: Clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care. Knows the main drugs prescribed by the order of medical care.	Evaluation of the practice report
	Able to: Justify the choice of essential drugs provided for by the order of medical care. Draws up a treatment plan for the patient, in accordance with the current procedures for the provision of medical care,	Evaluation of the practice report



	clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care	
	Owens: methods of providing medical care in an emergency form at the prehospital stage, taking into account the standards of medical care	Evaluation of the practice report
PC - 4.5 Knows how to justify the need and scope of laboratory and instrumental examination of the patient, the need to refer the patient for consultations with specialist doctorsam	Knows the procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care, the International Statistical Classification of Diseases; the required volume of additional examination methods: laboratory, instrumental, in accordance with current clinical guidelines (treatment protocols)	Evaluation of the practice report
	Knows how to determine the need and scope of additional examination methods: laboratory, instrumental, in accordance with current clinical guidelines (treatment protocols), procedures for providing medical care and taking into account the standards of medical care; the need for referral to specialist doctors in accordance with current clinical guidelines (treatment protocols)	Evaluation of the practice report
	Possesses the skills to evaluate the results obtained to justify the choice of the optimal algorithm for examining the patient, appointment of consultations of medical specialists	Evaluation of the practice report
PC - 4.6 Knows the procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care	Knows the standards of medical care; current clinical guidelines (treatment protocols). International Statistical Classification of Diseases	Evaluation of the practice report
	Knows how to prescribe	Evaluation of the practice

	etiotropic and pathogenetic therapy for children with somatic diseases, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols), and standards for the provision of medical care.	report
	Possesses the skills of prescribing etiotropic and pathogenetic therapy in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols), and methods of providing medical care.	Evaluation of the practice report
PC - 5.4 Knows how to apply the international statistical classification of diseases and related health problems (ICD) to make a diagnosis	Knows the international statistical classification of diseases and health-related problems	Evaluation of the practice report
	Able to formulate a diagnosis according to the international statistical classification of diseases and health-related problems	
	Has the skills to make a diagnosis according to the international statistical classification of diseases and health-related problems	
PC - 9.2 Able to evaluate the effectiveness and safety of the use of medicines, medical devices and clinical nutrition	Knows medicines, medical products and clinical nutrition, taking into account the diagnosis, their effectiveness and safety.	Evaluation of the practice report
	Knows how to reasonably prescribe non-drug drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) and evaluate the effectiveness and safety of the use of drugs, medical devices and clinical nutrition	

	Owns methods for monitoring the effectiveness and safety of the use of drugs for treatment from the standpoint of evidence-based medicine	
PC -10.1 Knows the physiological characteristics of patients depending on the constitutional type, age, concomitant diseases and changes associated with pregnancy	Knows the physiological foundations of the normal functioning of various human organs and systems, the biochemical foundations of the normal functioning of various human organs and systems, the etiological and pathogenetic features of diseases of organs and systems	Evaluation of the practice report
	Able to determine and evaluate the physiological characteristics of the state of the human body, determine and evaluate the pathological conditions of the human body	
	He has the skills to assess the pathological conditions of the human body, taking into account the physiological and constitutional features.	
PC - 10.2 Able to prescribe personalized treatment of patients depending on the constitutional type, age, comorbidities and changes associated with pregnancy, taking into account the standards of medical care	Knows the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care	Evaluation of the practice report
	Able to prescribe medicines, medical devices and nutritional therapy, taking into account the diagnosis, age and clinical picture of the disease	
	Has the skills to prescribe drugs, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations on the provision of medical care, taking into account the standards of medical care	

8.1.2. Evaluation scale and criteria for evaluating the results of defending a practice report.

Passing the test based on the results of the internship is carried out by publicly defending the report on the implementation of the internship program before a commission formed by the director of the department, the head of which was appointed by order to send students to practice.

Successful defense of the report should include: a short speech by the student about the results of the internship, as well as answers to the questions of the commission on the documents presented in the report and confirming the implementation of the internship program.

During the defense, the student reports on the content of the work done during the internship. The student may be asked questions about the correctness of a decision taken on a specific case or practice material.

From the student, the head of practice from SBM or members of the commission for the protection of practice have the right to demand answers to any questions that are related to the practice passed. If the student finds it difficult to answer these questions, he may be asked to additionally read the literature, study the material, and in some cases - again undergo an internship.

Based on the report and the defense of the results of the practice, the student is given a grade: credited (“excellent”, “good”, “satisfactory”), or not credited (“unsatisfactory”). The assessment is put down in the student's record book and in the statement by the head of his practice from the department.

### **Criteria for grading a student in the practice test**

<b>Grade</b>	<b>Requirements for the formed competencies</b>
<b>Passed ("Excellent")</b>	The grade credited (“excellent”) is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the assignment for practice, knows how to closely link theory with practice, freely copes with tasks, questions and other types of application of knowledge, knows how to give examples, answered all the questions during the defense of the practice, the answers are logical, deep and complete disclosure

<p style="text-align: center;"><b>Passed ("Good")</b></p>	<p>The grade credited (“good”) is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the practice assignment, copes well with tasks, questions and other types of application of knowledge, answered the main questions during the defense of the practice, the answers are different consistency and completeness of the disclosure of the topic, however, one or two inaccuracies in the answer are allowed</p>
<p style="text-align: center;"><b>Passed ("satisfactorily")</b></p>	<p>The grade credited (“satisfactory”) is given to the student if he has completed the main part of the practice program, but is hardly able to use theoretical knowledge when completing the assignment in practice, generally copes with tasks, questions and other types of application of knowledge, answers to questions during the defense practices lack depth and completeness</p>
<p style="text-align: center;"><b>Not credited ("unsatisfactory")</b></p>	<p>The grade is not credited (“unsatisfactory”) is given to a student who has not completed the practice program, is not able to use theoretical knowledge when completing the practice assignment, cannot cope with tasks, questions and other types of application of knowledge, has not answered the main questions during the defense of the practice</p>

A student who has not completed the practice program for a good reason is sent to practice again in his free time from classroom studies. A student who fails to complete an internship program without a valid reason or receives an unsatisfactory grade is considered to have an academic debt. The liquidation of this debt is carried out in accordance with the FEFU regulations.

### 8.1.3 Methodological materials defining the assessment procedure

#### Preparation of a practice report

The study practice report is compiled in accordance with the main stage of the practice program and reflects the implementation of an individual task. The volume of the report should be 15-20 pages of typewritten text (excluding appendices). The report is drawn up on A4 paper and bound in a single block. The text of the report is presented on one side of the sheet, in Times New Roman font, size 14, with 1.5 intervals. Each page of the work is drawn up with the following margins: left - 30 mm; right - 10 mm; top - 20 mm; lower - 20 mm. Paragraph indentation in the text - 1.5 cm. All pages of the work must have continuous numbering, including applications. The numbering is in Arabic numerals, with the page number placed in the lower right corner, starting from the table of contents after the title page. All

structural elements of the practice report are stitched together.

The internship report should include the following documents:

1. Voucher (referral) to practice with notes on the day of arrival, departure, stamps and signatures of responsible persons;

2. Practice diary containing daily records of work performed. After the next week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);

3 The student-intern's report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their elimination, their own assessment the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

Contents of report sections

Title page (Appendix 1)

Content

Introduction

Main part

-General characteristics of the practice base

-Description of the workplace and functional duties

- Individual task for internship (Appendix 2)

- Practice diary (Appendix 3)

Conclusion on the results of practice

List of used materials

## 9. EDUCATIONAL-METHODOLOGICAL AND INFORMATION SUPPORT FOR PRACTICE

### Main literature

1. Nursing in therapy: a textbook for universities / N. G. Petrova, V. N. Petrov, V. A. Lapotnikov, V. L. Emanuel; executive editor N. G. Petrova. - 3rd ed., Rev. and additional - Moscow: Yurayt Publishing House, 2021. - 495 p. <https://lib.dvfu.ru/lib/item?id=Urait:Urait-467794&theme=FEFU>

2. Nursing in surgery: textbook and workshop for universities / T. I. Okonenko, G. I. Chuvakov. — 2nd ed., corrected. and additional - Moscow: Yurayt Publishing House, 2020. - 158 p. <https://lib.dvfu.ru/lib/item?id=Urait:Urait-451623&theme=FEFU>

3. General nursing: textbook for universities: in English. lang. / V. N. Oslopov, O. V. Bogoyavlenskaya. M.: GEOTAR-Media, 2019. <https://lib.dvfu.ru/lib/item?id=chamo:881237&theme=FEFU>

4. General care for therapeutic patients [Electronic resource]: textbook / V. N. Kotelnikov, V. G. Seyidov, B. I. Geltser; Far Eastern Federal University, School of Biomedicine. Publishing House of the Far Eastern Federal University, 2018. <https://lib.dvfu.ru/lib/item?id=chamo:874520&theme=FEFU>

### Additional literature

*(printed and electronic editions)*

1. Sdrav.ru - information support portal for health care facility specialists / <https://www.zdrav.ru/rubric/89649-sestrinskie-manipulyatsii-i-protsess>

2. Lychev, VG Nursing in therapy. With a course of primary care: a textbook / V. G. Lychev, V. K. Karmanov. - 2nd ed., revised. and additional - Moscow: FORUM: INFRA-M, 2020. - 544 p. <https://lib.dvfu.ru/lib/item?id=Znanium:Znanium-1063618&theme=FEFU>

3. Emergency care at the prehospital stage, Altai State Medical University. LLC "Scientific Publishing Center INFRA-M", 2017. <https://lib.dvfu.ru/lib/item?id=Znanium:Znanium-1067798&theme=FEFU>

4. Fundamentals of nursing: workshop: textbook for secondary vocational education / T. P. Obukhovets; ed. B. V. Kabarukhina. Rostov-on-Don: Phoenix, 2016. <https://lib.dvfu.ru/lib/item?id=chamo:823568&theme=FEFU>

5. Surgery: textbook / E. D. Rubinina; ed. I. K. Gainutdinova. Moscow: Dashkov i K°, 2018. <https://lib.dvfu.ru/lib/item?id=chamo:868086&theme=FEFU>

### **List of resources of the information and telecommunications network "Internet"**

1. <http://www.dvfu.ru/web/library/nb1> FEFU Scientific Library
2. <http://www.e.library.ru> Electronic library
3. <http://www.consultant.ru/> "Consultant-plus" - the legislation of the Russian Federation
4. <http://www.who.int/ru/> World Health Organization.
5. <http://window.edu.ru> Single window of access to educational resources
6. <http://www.garant.ru> "Garant"
7. <http://fgou-vumc.ru/fgos/fgosvpo.php>. - the official website of VUNMC Roszdrav.
8. <http://www.who.int/ru> World Health Organization
9. <http://www.vniiki.ru/catalog/gost.aspx> Full-text database of GOSTs valid on the territory of the Russian Federation
10. <http://www.garant.ru> World Health Organization

### **List of information technologies and software**

<b>The location of the computer equipment on which the software is installed, the number of jobs</b>	<b>Software List</b>
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<p>690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10. Building M, computer class of the School of Medicine, room M723, 15 jobs</p>	<p>Microsoft Office Professional Plus 2010; an office suite that includes software for working with various types of documents (texts, spreadsheets, databases, etc.);</p> <ul style="list-style-type: none"> <li>- 7Zip 9.20 - free file archiver with a high degree of data compression;</li> <li>- ABBYY FineReader 11 - a program for optical character recognition;</li> <li>- Adobe Acrobat XI Pro is a software package for creating and viewing electronic publications in PDF format;</li> <li>- ESET Endpoint Security - comprehensive protection of workstations based on Windows OS. Virtualization support + new technologies;</li> <li>- Google Chrome.</li> </ul>
<p>690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10, building A - level 10, Reading rooms of the FEFU Scientific Library with open access to the fund</p>	<p>Microsoft Office Professional Plus 2010; офисный пакет, включающий программное обеспечение для работы с различными типами документов (текстами, электронными таблицами, базами данных и др.);</p> <ul style="list-style-type: none"> <li>– 7Zip 9.20 - свободный файловый архиватор с высокой степенью сжатия данных;</li> <li>– ABBYY FineReader 11 - программа для оптического распознавания символов;</li> <li>– Adobe Acrobat XI Pro – пакет программ для создания и просмотра электронных публикаций в формате PDF;</li> <li>– ESET Endpoint Security - comprehensive protection of workstations based on Windows OS. Virtualization support + new technologies;</li> <li>- Google Chrome.</li> </ul>

## **11. LOGISTICS AND TECHNICAL SUPPORT OF TRAINING PRACTICE**

During the internship, as well as for the organization of independent work, students have access to the following laboratory equipment and specialized rooms that comply with current sanitary and fire safety standards, as well as safety requirements for educational work. Statistical reports, archival materials of the practice base. It is important to familiarize the student with the electronic legal bases "Garant", "Consultant Plus".

Name of equipped premises for independent work	List of main equipment
<p>690922, Primorsky Territory, Vladivostok, Russian island, Ajax settlement, 10 FEFU Medical Center Surgery Center, Therapy Center</p>	<p>Mono- and bipolar electrosurgical instruments for electrosurgical devices, Endoscopic equipment with accessories, Endoscopic instruments with accessories (arthroscopic set), "Instrument kit for ventriculotomy", Sterilization round boxes with KF-3 filters, Microprocessor-based freezer with sound and light alarm, Set for small neurosurgery sterilizer BINDER GD 53 bactericidal closed type, Reusable skin stapler SKM-1 (extractor), Patient warmer WarmTouch 5900, Trolley for placing containers, Apparatus for long-term drainage with accessories (Surgical electric pump), Reocor external pacemaker with accessories, SCHILLER electrocardiographs: CARDIOVIT AT- 2, mod.: plu, s, Metpak pressure infusion set 500 ml, Bronchial suction with accessories (Electric bronchial suction), Intubation set; (laryngoscope, blades, charger), Manometer for measuring intracuff pressure multiple times. Applications, Electric functional resuscitation bed, Medical trolley for transporting patients Emergo 6230, Temporary external pacemaker Pace T20 Pharmaceutical refrigerators KhF-400 "POZIS", Electronic digital thermometer, Mechanical tonometer IAD-01-1E, Thermometer for van, Non-contact thermometer NF-3101, Intrahospital 2-tier small trolley, tray depth 20 mm (stainless steel), Rack infusion mobile medical - on 5 wheels, Sterilizer-heater B.Well Kids WK-140 d/bottle 2in1, Wall-mounted medical system for gas supply Linea with accessories, Pulse oximeter MD300 C 1 , Devices for measuring blood pressure UA-200 with accessories, Bioocular ophthalmoscope indirect with diffusion filter 12500-D, Oscopes with accessories model: BETA 200; Sanitary stretcher, Kidney-shaped stainless tray, Kidney-shaped stainless tray, Medical electric bed Hill-Rom © 900 with accessories, Inhaler for aerosol therapy with accessories (Flowmeter for oxygen), Inhaler (nebulizer) Omron Comp Air NE-C24-Kids compress pack p / e No. 1, Elbow wall dispenser DU-010 BelAseptika, GLUKOMETER ACUCHEK AKTIV, Floor medical electronic scales VMEN-150-50 / 100A, Devices for spirometry and pulse oximetry MIR, mod.: Spirodoc with accessories, Medical stethoscopes, models: KaWe-Standart-Prestige (Stethophonendoscopes), Electroneurostimulator Stimuplex HNS 12</p>
<p>Reading rooms of the FEFU Scientific Library with open access</p>	<p>HP ProOpe 400 All-in-One 19.5 (1600x900), Core i3-4150T, 4GB DDR3-1600 (1x4GB), 1TB HDD 7200</p>

to the fund (building A - level 10)	SATA, DVD+/-RW,GigEth,Wi-Fi,BT,usb kbd/mse,Win7Pro (64-bit)+Win8.1Pro(64-bit),1-1-1 Wty Internet access speed 500 Mbps. Workplaces for people with disabilities are equipped with Braille displays and printers; equipped with: portable devices for reading flat-print texts, scanning and reading machines, a video enlarger with the ability to regulate color spectra; magnifying electronic loupes and ultrasonic markers
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In order to provide special conditions for the education of people with disabilities and people with disabilities in FEFU, all buildings are equipped with ramps, elevators, lifts, specialized places equipped with toilets, information and navigation support signs.



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«Far Eastern Federal University»  
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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**TRAINING REPORT**

Professional Medical Training. Assistant to a doctor of a therapeutic, surgical, obstetric and gynecological hospital

Completed by (a), student C \_\_\_ : \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Grade \_\_\_\_\_

Practice leader:

from the university \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Grade \_\_\_\_\_

Practice leader:

from the base of practice \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Vladivostok

202\_

Individual task for industrial practice

Professional Medical Training. Assistant to a doctor of a therapeutic, surgical, obstetric and gynecological hospital

Student of group C \_\_\_\_\_

\_\_\_\_\_

Place of internship \_\_\_\_\_

\_\_\_\_\_

Terms of internship from " \_\_\_\_ " \_\_\_\_\_ 202 \_\_\_\_ years to " \_\_\_\_ "

\_\_\_\_\_ 202 \_\_\_\_ years

Types of work and requirements for their implementation

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Head of practice from FEFU

\_\_\_\_\_ / \_\_\_\_\_ /

position signature full name signature

" \_\_\_\_ " \_\_\_\_\_ 20 \_\_\_\_



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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**DIARY**

**Clinical practice.**

**Professional Medical Training. Assistant to a doctor of a therapeutic, surgical,  
obstetric and gynecological hospital**

Student \_\_\_\_\_

3 course \_\_\_\_\_ group \_\_\_\_\_ faculty \_\_\_\_\_

Place of internship \_\_\_\_\_

from \_\_\_\_\_ to \_\_\_\_\_

Head of practice (teacher) \_\_\_\_\_

Grade for practice \_\_\_\_\_

20/20 academic year

Vladivostok

20\_\_

## Module "THERAPY"

Practice time: " \_\_\_\_\_ " \_\_\_\_\_ 20\_\_ by " \_\_\_\_\_ " \_\_\_\_\_ 20\_\_

The work of a student in the therapeutic department is to supervise at least 5-8 patients under the supervision of the head of the department. Mandatory attendance at the morning conference makes it possible to learn from the report of the doctor and nurses on duty about admitted and seriously ill patients, to outline a work plan for the coming day.

Along with curation of patients, the obligatory sections of the student's work are:

- 1) participation in two night shifts as an assistant to the doctor on duty of the therapeutic department with a mandatory report at the morning conference on the duty;
- 2) mastering the necessary skills to provide emergency care in the following conditions: hypertensive crisis, myocardial infarction, bronchial asthma attack cardiogenic shock, paroxysmal tachycardia, pulmonary hemorrhage, hepatic colic diabetic coma, sudden death, pulmonary edema, bleeding from the gastrointestinal tract, septic shock, anaphylactic shock, urticaria, Quincke's edema ...
- 3) educational and research work with a subsequent report of its results at the scientific and practical conference of the hospital (department) and the general university conference based on the results of UIRS LPP

Also during the practice it is necessary:

- 1) get acquainted with the organization of work of the therapeutic department and its special rooms, with the procedure for maintaining medical documents, with the discharge and storage of medicines;
- 2) participate in rounds with the head of the department, take part in clinical, clinical and anatomical conferences and production meetings, clinical reviews, attend postmortem autopsies;
- 3) carry out sanitary and educational work according to the plan of the department
- 4) actively participate in preventive examinations for the purpose of early detection of tuberculosis and oncological diseases.

The internship report gives a brief description of the department: the profile of the department, the number of beds, the staff of the department, the availability of auxiliary rooms, etc. After completing the internship, the student, based on the entries in the diary, must fill out a summary digital report on the work done. Sanitary and educational work is carried out in the form of conversations, issuance of health bulletins; its content, place and time should be reflected in the diary and certified by the signature of the direct leader of the practice. All students during the practice practice perform UIRS in the form of an essay or fill out UIRS cards, which are handed over together with the diary for verification by the assistant head of the practice.

### Implementation of practical skills during work experience

Content of work/date	Due minimum	Date												Total	
		1	2	3	4	5	6	7	8	9	10	11	12		
Number of supervised patients	5-8														
Completed case histories	10														
Examined patients on duty	5-10														
Department duties	2														
Made presentations at morning conferences	2														
Substantiations of diagnoses written	5														

Written discharge summaries	5																		
Participation in scientific-practical and clinical-anatomical conferences	1-2																		
ECG recording and interpretation	10																		
Work in the Ro-room, description of radiographs	5																		
Participation in FBS, FGDS, ultrasound of the abdominal organs, ECHO CG	5																		
Participation in laser therapy	5																		
Participation: in pleural, sternal, in blood transfusion, intra-articular puncture	1																		
Relief: pulmonary edema, asthma attack, hypertensive crises, arrhythmias																			
Conducted sanitary. conversations																			

Student's signature .....

Head's signature therapeutic department .....



**CHARACTERISTIC**

**for** a student of \_\_\_\_\_ group No. \_\_\_\_\_ specialty General Medicine, who had an internship from " \_\_\_\_ " \_\_\_\_\_ 202 \_\_\_\_ to " \_\_\_\_ " \_\_\_\_\_ 202 \_\_. on the base \_\_\_\_\_

During the internship, the student (s) \_\_\_\_\_

\_\_\_\_\_

Signature of the base head of practice \_\_\_\_\_ (full name)

Seal

" \_\_\_\_ " \_\_\_\_\_ 202 \_\_\_\_ years

## Module "SURGERY"

Practice time: " \_\_\_\_\_ " \_\_\_\_\_ 20\_\_ by " \_\_\_\_\_ " \_\_\_\_\_ 20\_\_

Students work in a hospital as a doctor's assistant, take care of 6-8 patients, make rounds every day, examine patients, fill out medical documentation, participate in special examinations, dressings and operations. The student must learn to use special reference literature in his work, accustom himself to independent thinking, be able to make a diagnosis, conduct differential diagnostics, determine a plan for examination and treatment.

During the course of the cycle, the student must consolidate and master the methods of examining surgical patients, get acquainted with the work of the operating unit and the nature of the surgical interventions, take an active part in endoscopic X-ray, ultrasound research methods, in preoperative preparation and postoperative management of patients. Completely master the rules of asepsis and antisepsis.

### Practical Skills Digital Report

Practical skills	Minimum practical skills	Done
1. 1. Days of hospital work	12	
2. 2. Conducted patients in the hospital	10-15	
3. 3. Completed medical records	15	
4. 4. Duty in the surgical department	2	
5. 5. Applying plaster casts	5	
6. 6. Splinting	5	
7. 7. Skeletal traction in fractures	1	
8. 8. Blood typing	5	
9. 9. Subcutaneous, intravenous, intramuscular injections	50	
10. 10. Intravenous infusions	5	
11. 11. Blood transfusions	2	
12. 12. Gastric lavage	3	
13. 13. Siphon enemas	3	
14. 14. Bladder catheterization	2	
15. 15. Carrying out local anesthesia, novocaine blockade	5	
16. 16. Performed minor operations under the supervision of a physician	2	
17. 17. Assistance in operations	5	
18. 18. Presence at operations	10	
19. 19. Work in a purulent dressing room	10	
20. 20. Participation in ultrasound	5	
21. 21. Participation in X-ray examinations	3	
22. 22. Participation in endoscopic examinations	3	
23. 23. Conducted interviews		
24. 24. Sanitary bulletin issued		

Student's signature \_\_\_\_\_

Head's signature surgical department .....

**CHARACTERISTIC**

**for** a student of \_\_\_\_\_ group No. \_\_\_\_\_ specialty General Medicine, who had an internship from " \_\_\_\_ " \_\_\_\_\_ 202 \_\_\_\_ to " \_\_\_\_ " \_\_\_\_\_ 202 \_\_. on the base \_\_\_\_\_

During the internship, the student (s) \_\_\_\_\_

\_\_\_\_\_

Signature of the base head of practice \_\_\_\_\_ (full name)

Seal

" \_\_\_\_ " \_\_\_\_\_ 202 \_\_\_\_ years

## Module "OBSTETRIC AND GYNECOLOGICAL"

Practice time: " \_\_\_\_ " \_\_\_\_\_ 20\_\_ by " \_\_\_\_ " \_\_\_\_\_ 20\_\_

During the course of the cycle, the student must consolidate and master the principles of organizing obstetric and gynecological care for the population, diagnosing gynecological diseases, diagnosing pregnancy, methods of conducting pregnancy and childbirth.

### Practical Skills Digital Report

Наименование навыка	Обязательный минимум	выполнено
Completing and maintaining medical records		
a) obstetric	55	
b) gynecological		
external obstetric examination	30-40	
internal obstetric examination	2-3	
examination of the cervix in the mirrors	20-25	
bimanual research	3-5	
Taking smears for cytological and bacteriological examination	10-15	
Issuance of sick leave for pregnancy and childbirth	2-3	
colposcopy	2-3	
Accepted childbirth (phantom)	2	
Newborn's first toilet	2-3	
Pregnancy care at home	4	
Determination of the estimated fetal weight	30	
Determining the timing of childbirth	30-40	
vaginal treatment in pregnant women	5	
determining the readiness of the cervix for childbirth (phantom, w / c)	2-3	
Working in a small operating room		
Electrocoagulation (presence)	2	
Biopsy of the cervix (presence)	2	
Mini-abortion (presence)	2	
Assistance in operations		
obstetric	4	
gynecological	4	
Newborn Apgar score.	2-3	
Determination of the integrity of the placenta	2-3	
Participation in neonatal resuscitation (phantom)	1-2	
Assistance in suturing ruptures of the cervix and perineum.	2-3	
Manual examination of the uterine cavity (phantom)	1-2	
Removal of sutures from the perineum after childbirth.	2-3	
the ability to apply obstetric forceps, vacuum extraction of the fetus by the head (phantom)	10	
Participation in the implementation of measures to combat uterine bleeding.	2-3	
Participation in the provision of emergency care for severe forms of gestosis.	2-3	
Sanitary and educational work	2	

Подпись студента \_\_\_\_\_

Подпись зав. отделением .....

**CHARACTERISTIC**

**for** a student of \_\_\_\_\_ group No. \_\_\_\_\_ specialty General Medicine, who had an internship from " \_\_\_\_ " \_\_\_\_\_ 202 \_\_\_\_ to " \_\_\_\_ " \_\_\_\_\_ 202 \_\_. on the base \_\_\_\_\_

During the internship, the student (s) \_\_\_\_\_

\_\_\_\_\_  
Signature of the base head of practice \_\_\_\_\_ (full name)

Seal

" \_\_\_\_ " \_\_\_\_\_ 202 \_\_\_\_ years

**Work practice credit**

1. Keeping a diary \_\_\_\_\_
2. Test control \_\_\_\_\_
3. Certification of practical skills and abilities \_\_\_\_\_
4. Interview \_\_\_\_\_
5. Sanitary and educational work \_\_\_\_\_
6. WIRS \_\_\_\_\_

FINAL GRADE \_\_\_\_\_

Head of practice from the university:

\_\_\_\_\_ (full name)

Date: " \_\_\_\_ " \_\_\_\_\_ 202 \_\_



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**SCHOOL OF BIOMEDICINE**

«AGREED»

Head of education program  
«General medicine»

(signature)

Khotimchenko Yu.S.

(Full name)

«14» January 2021



«APPROVED»

Director of the Department of  
Clinical Medicine

(signature)

Geltser B.I.

(Full name)

«14» January 2021

**WORKING PROGRAM OF CLINICAL PRACTICE**  
**General Professional Medical Training**

Specialty 31.05.01 «General medicine»

**Form of study: full time**

Working program is compiled in accordance with the requirements of the Federal State Educational Standard for the direction of training 31.05.01 General Medicine, approved by order of the Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020 No. 988

The work program of the discipline was discussed at a meeting of the Department of Clinical Medicine. Protocol No. 5 of January 14, 2021

Compiled by: Doctor of Medical Sciences, Professor Beniova S.N., Candidate of Medical Sciences, Associate Professor Korableva E.V.

1. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «  
\_\_\_\_\_» 202\_\_г. №*
2. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_» 202\_\_г. №*
3. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_» 202\_\_г. №*
4. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_» 202\_\_г. №*
5. *Рабочая программа пересмотрена на заседании Департамента/кафедры/отделения (реализующего дисциплину) и утверждена на заседании Департамента/кафедры/отделения (выпускающего структурного подразделения), протокол от «\_»  
\_\_\_\_\_» 202\_\_г. №*

## **1. PURPOSES OF MASTERING CLINICAL PRACTICE**

The study of the discipline is the formation in students of a holistic view of the organization of the work of a local general practitioner in the provision of primary health care on an outpatient basis; formation of competencies for the provision of medical care by a district therapist to the adult population in an outpatient setting.

## **2. OBJECTIVES OF CLINICAL PRACTICE**

- study the features of the organization and scope of work of a doctor in an outpatient clinic, modern diagnostic capabilities of the polyclinic service;
- to develop competencies for carrying out activities for the prevention of diseases among the adult population;
- develop competencies for the implementation of dispensary observation of the adult population, taking into account age, gender and initial state of health;
- develop the competencies of clinical thinking in diagnosing the most common therapeutic diseases and pathological conditions in the adult population in an outpatient setting based on the knowledge of propaedeutic and laboratory-instrumental research methods;
- develop the competencies of clinical thinking in assessing the characteristics of the course of the most common therapeutic diseases in the adult population and their outpatient treatment;
- develop competencies for carrying out rehabilitation activities among the adult population who have had a somatic disease on an outpatient basis;
- develop competencies to conduct an examination of temporary and permanent disability;
- develop competencies in providing medical care to the adult population in emergency conditions at the prehospital stage.

## **3. THE PLACE OF CLINICAL PRACTICE IN THE STRUCTURE OF EP HE**



Work practice B2.O.06(P) Work practice. The practice of a general medical profile belongs to Block 2 "Practices" and is mastered in the A semester in the direction of preparation (specialty) 31.05.01 General Medicine.

#### **4. TYPES, METHODS, PLACE AND TIME OF CLINICAL PRACTICE**

General information about the practice is presented in table 1.

Practice type	<i>Clinical</i> <i>General Professional Medical Training</i>
Method of carrying out	Stationary
Form(s) of holding	discrete
Scope of practice in credits	7 credits
Practice duration	252 ac. hour
Course, semester	5 course, 10 semester
Bases of practice	- Medical Center of the Federal State Autonomous Educational Institution of Higher Professional Education "Far Eastern Federal University"; FGBUZ Medical Association of the Far Eastern Branch of the Russian Academy of Sciences (MO FEB RAS); KGBUZ "Vladivostok Polyclinic No. 1"; KGBUZ "Vladivostok Polyclinic No. 3"; KGBUZ "Vladivostok Polyclinic No. 6"; KGBUZ "Vladivostok Polyclinic No. 9"

For persons with disabilities, the choice of places for internship is consistent with the requirement of their accessibility for these students, and the practice is carried out taking into account the peculiarities of their psychophysical development, individual capabilities and health status.

#### **5. STUDENT COMPETENCES FORMED AS A RESULT OF TRAINING PRACTICE**

The planned learning outcomes during the internship are knowledge, skills, possessions and (or) activity experience that characterize the stages (levels) of competency formation and ensure the achievement of the planned results of mastering the educational program as a whole. The list of competencies formed as a result of training during internship is given.

General professional competencies of graduates and indicators of their achievement:

Name of the category (group) of general professional competencies	Code and name of general professional competence (the result of mastering)	Code and name of the indicator of achievement of competence
Information Technology	GPC-10 Able to understand the principles of operation of modern information technologies and use them to solve problems of professional activity	GPC-10.1 Able to use modern information and communication tools and technologies in professional activities

Code and name of the indicator of achievement of competence	The name of the assessment indicator (the result of training in the discipline)
GPC-10.1 Able to use modern information and communication tools and technologies in professional activities	Knows linguistic communicative styles of communication in the state and foreign (s) languages;; technologies for searching for the necessary information in the process of solving various communicative tasks in the state and foreign (s) languages; technology of translation of academic texts from foreign(s) into the state language.
	Knows how to use information and communication technologies when searching for the necessary information
	Possesses communication skills in oral and written forms in Russian and foreign languages in professional activities

As a result of studying this discipline, students form the following professional competencies:

Task type	Code and name of the indicator of achievement of competence	The name of the assessment indicator (the result of training in the discipline)
Medical	PC-4 Ready to collect and analyze the patient's complaints, his medical history, the results of a physical examination, laboratory, instrumental, post-mortem and other studies in order to recognize the condition or establish the presence or absence of a disease in accordance with the current procedures for the provision of medical care, clinical recommendations ( treatment protocols) on the provision of medical care, taking into account the standards of medical care	PC-4.4 Knows how to prioritize the volume, content and sequence of diagnostic measures, taking into account the standards of medical care
		PC-4.5 Knows the methods of laboratory and instrumental research to assess the state of health, medical indications for conducting research, the rules for interpreting their results
		PC-4.6 Knows the procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care

	PC-5 Capable of making a diagnosis based on the current International Statistical Classification of Diseases and Related Health Problems (ICD)	PC-5.3 Able to carry out differential diagnosis of diseases of internal organs from other diseases
		PC-5.4 Can use the International Statistical Classification of Diseases and Related Health Problems (ICD) to make a diagnosis
	PC-7 Ready to prescribe medicines, medical devices and medical nutrition, taking into account the diagnosis, age and clinical picture of the disease and in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care	PC-7.2 Knows how to prescribe medicines, medical devices and medical nutrition, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care
	PC-8 Ready to prescribe non-drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care	PC-8.1 Knows modern methods of non-drug treatment of diseases and conditions in a patient in accordance with the current procedures for providing
		PC-8.2 Able to prescribe non-drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care
	PC-11 Ready to conduct an examination of temporary disability, participate in a medical and social examination, ascertain the biological death of a person	PC-11.1 Knows the procedure for the examination of temporary disability and signs of temporary disability of the patient
	ПК – 12 PC - 12 Ready to determine the need for the use of natural healing factors, drug, non-drug therapy and other methods in patients in need of medical rehabilitation and sanatorium treatment in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care,	PC-12.2 Knows the medical indications and contraindications for the appointment of sanatorium-resort treatment as a stage of the patient's medical rehabilitation

	taking into account the standards of medical care	
	PC-14 Ready to organize and control the immunoprophylaxis of infectious diseases in the adult population in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care	PC-14.1 Knows preventive measures taking into account the diagnosis in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care
	PC - 15 Capable and ready to carry out anti-epidemic measures, organize the protection of the population in foci of especially dangerous infections, in case of deterioration of the radiation situation, natural disasters and other emergencies	PC -15.1 Knows the rules for conducting sanitary and anti-epidemic measures
	PC - 16 Capable and ready to analyze the indicators of morbidity, disability and mortality to characterize the health of the adult population and adolescents	PC - 16.1 Knows the medical and statistical indicators of morbidity, disability and mortality, characterizing the health of the attached population, the procedure for their calculation and evaluation
	PC-17 Ready to participate in the assessment of the quality of medical care using the main medical and statistical indicators	PC - 17.2 Able to analyze medical and statistical indicators of morbidity, disability and mortality to assess the health of the attached population
	PC-19 Ready to maintain medical records, including in electronic form	PC -19.1 Knows the rules for issuing medical records in medical organizations providing medical care on an outpatient basis, including at home when a medical worker is called
		PC - 19.3 Able to fill out medical documentation, including in electronic form

<b>Code and name of the indicator of achievement of competence</b>	<b>The name of the assessment indicator (the result of training in the discipline)</b>
PC-4.4 Knows how to prioritize the volume, content and sequence of diagnostic measures, taking into account the standards of medical care	Knows the standards of medical care
	Able to correctly determine the volume and sequence of diagnostic measures in accordance with the standards of medical care for various nosologies
	Possesses the skills of diagnostic search for various nosologies in accordance with the standards of medical care

PC-4.5 Knows the methods of laboratory and instrumental research to assess the state of health, medical indications for conducting research, the rules for interpreting their results	Knows modern methods of laboratory and instrumental diagnostics for various nosologies, indications and contraindications for their use
	Able to compose a differential search algorithm using laboratory and instrumental diagnostics for various nosologies
	Has the skills to interpret the results of laboratory and instrumental diagnostic methods for various nosologies
PC-4.6 Knows the procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care	Knows the procedures for providing medical care, clinical recommendations, treatment protocols, standards for providing medical care for various diseases
	Able to apply protocols and standards of medical care, clinical recommendations in practice
	Has the skills to provide medical care in accordance with modern protocols and standards for the provision of medical care, clinical recommendations
PC-5.3 Able to carry out differential diagnosis of diseases of internal organs from other diseases	Knows the features of differential diagnosis in various therapeutic nosologies
	Able to compose a differential search algorithm for various nosologies
	Possesses the skills of differential diagnostics in various conditions using modern diagnostic methods
PC-5.4 Can use the International Statistical Classification of Diseases and Related Health Problems (ICD) to make a diagnosis	Knows the international statistical classification of diseases and health-related problems
	Able to formulate a diagnosis according to the international statistical classification of diseases and health-related problems
	Has the skills to make a diagnosis according to the international statistical classification of diseases and health-related problems
PC-7.2 Knows how to prescribe medicines, medical devices and medical nutrition, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care	Knows the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care
	Able to prescribe medicines, medical devices and nutritional therapy, taking into account the diagnosis, age and clinical picture of the disease
	Has the skills to prescribe drugs, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations on the provision of medical care, taking into account the standards of medical care
PC-8.1 Knows modern methods of non-drug treatment of diseases and conditions in a patient in accordance with the current procedures for providing	Knows modern procedures for providing medical care for various nosologies and conditions
	Able to draw up a plan for non-drug treatment of diseases and conditions in a patient in accordance with the current procedures for the provision of medical care

	Possesses the skills of non-drug treatment for various conditions and nosologies in accordance with the current procedures for the provision of medical care.
PC-8.2 Able to prescribe non-drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care	Knows the main methods of non-drug treatment for various conditions and nosologies in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care
	Able to prescribe non-drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care
	Possesses the skills of non-drug treatment for various conditions and nosologies in accordance with the current procedures for the provision of medical care.
PC-11.1 Knows the procedure for the examination of temporary disability and signs of temporary disability of the patient	Знает порядок экспертизы временной нетрудоспособности и признаки временной нетрудоспособности пациента
	Умеет определять признаки временной нетрудоспособности пациента
	Владеет навыками действия в соответствии с порядком экспертизы временной нетрудоспособности
PC-12.2 Knows the medical indications and contraindications for the appointment of sanatorium-resort treatment as a stage of the patient's medical rehabilitation	Knows the indications and contraindications for the use of natural healing factors, spa treatment and the stages of medical rehabilitation of patients, in accordance with the procedures for providing medical care, clinical recommendations
	Able to draw up conclusions with recommendations for sanatorium and resort treatment, carry out medical rehabilitation independently, in accordance with modern standards and clinical recommendations
	Has the skills to determine indications and contraindications for sanatorium treatment, use and conduct medical rehabilitation and sanatorium treatment
PC-14.1 Knows preventive measures taking into account the diagnosis in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care	Knows the principles and features of the prevention of diseases and (or) conditions, taking into account the standards of medical care
	Knows medical indications and medical contraindications for the use of methods of disease prevention, preventive measures, taking into account the diagnosis in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care
	Has the skills to develop preventive measures taking into account the standards of medical care

<p>PC -15.1 Knows the rules for conducting sanitary and anti-epidemic measures</p>	<p>Knows the principles of organizing sanitary and anti-epidemic (preventive) measures in order to prevent the occurrence and spread of infectious diseases</p>
	<p>Able to plan and implement measures to introduce restrictive measures (quarantine)</p>
	<p>Has the skills to determine medical indications for the introduction of restrictive measures (quarantine) and indications for referral to a specialist doctor in case of infectious (parasitic) diseases</p>
<p>PC-16.1 Knows the medical and statistical indicators of morbidity, disability and mortality that characterize the health of the attached population, the procedure for their calculation and evaluation</p>	<p>Knows the methodology of statistical research, regulatory documentation on the examination of the quality of medical care for the population</p>
	<p>Able to calculate indicators of the quality of medical care; develop measures aimed at improving the quality of medical care</p>
	<p>Possesses the skills of calculating and the main indicators of the quality of medical care, characterizing the health of the attached population</p>
<p>PC-17.2 Able to analyze medical and statistical indicators of morbidity, disability and mortality to assess the health of the attached population</p>	<p>Knows the normative documentation on the examination of the quality of medical care to the population</p>
	<p>Able to analyze medical and statistical indicators of morbidity, disability and mortality to assess the health of the attached population</p>
	<p>Has the skills to calculate and analyze medical and statistical indicators of morbidity, disability and mortality to assess the health of the attached population</p>
<p>PC-19.1 Knows the rules for issuing medical documentation in medical organizations that provide medical care on an outpatient basis, including at home when a medical worker is called</p>	<p>Knows the rules for issuing medical documentation in medical organizations providing medical care on an outpatient basis, including at home; organization of medical care in medical organizations providing medical care on an outpatient basis</p>
	<p>Able to fill out medical documentation and monitor the performance of duties by a district nurse and other medical workers at their disposal.</p>
	<p>Possesses the skills of registration of medical documentation in outpatient clinics</p>
<p>PC-19.3 Able to fill out medical documentation, including in electronic form</p>	<p>Knows the rules of registration of medical documentation in medical organizations; rules of work in information systems and information and telecommunications network "Internet".</p>
	<p>Able to fill out medical documentation, including in electronic form; use information systems and information and telecommunications network "Internet" in professional activities</p>
	<p>Proficient in maintaining medical records; skills in information systems and information and telecommunications network "Internet".</p>

## 6. STRUCTURE AND CONTENT OF TRAINING PRACTICE

The total labor intensity of educational practice is 7 credit units, 252 hours.

Practice Stage	Approximate types of work in practice, including independent work of students	Labor intensity (in hours)	Form and frequency of current control
Preparatory stage	Safety briefing. Workplace distribution	2	v
Introductory	1) Curation of patients, filling out documentation. 2) Participation in the daily morning conference. 3) Clinical examination of the patient 4) Filling out medical documentation. 5) Appointment of examination and treatment and preventive measures. 6) Working as a Physician's Assistant (under the guidance of a physician) 7) Mastering paraclinical methods 8) Interpretation of data from laboratory and instrumental research methods. 9) Acquaintance with the work of auxiliary medical departments (X-ray, functional therapy, exercise therapy, extracorporeal methods, etc.); 11) Preventive work (conducting conversations, writing and reading lectures to patients, issuing a dignity bulletin). ERWS execution	248 hours.	PR - 1 TS - 1
Informative	Report preparation, interview	2 hours.	UO - 1 PR - 1 TS - 1
Total		252 hours.	

## 7 EDUCATIONAL AND METHODOLOGICAL SUPPORT FOR STUDENTS' INDEPENDENT WORK IN EDUCATIONAL PRACTICE

Student independent work (IWS) is one of the forms of practice and is



organized with the aim of:

- systematization and consolidation of the received theoretical knowledge and practical skills of students;
- deepening and expansion of theoretical knowledge;
- formation of the ability to work with various types of information, the ability to use normative, legal, reference documentation and special literature;
- development of cognitive abilities of students;
- formation of such personality traits as responsibility and organization, independent thinking, ability for self-development, self-improvement and self-realization.

Tasks for educational practice are formed in the Internship Program of the FEFU School of Medicine. The content of tasks for practice is based on the general professional and special disciplines passed to the beginning of the practice.

At the working stage of the internship, students get acquainted with the structure of the medical institution, constituent documents, functional duties (job descriptions) of the employees of the departments in which the internship takes place, and acquire the skills of independent professional work in their specialty.

Practical tasks should be carried out in stages, with the consistent development of gradually becoming more complex actions and techniques that make up a set of skills and abilities that determine the practice program.

The individual work of a student at a temporary workplace is organized by the head of the practice under the supervision of the employees of the departments in which the student is doing the practice.

After completing the internship, the student submits a written report on its passage to the head of the internship from FEFU for verification and, if necessary, follows his recommendations for finalizing the report.

The internship report should include the following documents:

1. Voucher (referral) to practice with notes on the day of arrival, departure, stamps and signatures of responsible persons;
2. Practice diary containing daily records of work performed. After the next

week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);

3. The student-intern's own report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their elimination, own assessment of the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

## **8. FORMS OF CERTIFICATION ON THE RESULTS OF PRACTICE**

8.1. Fund of assessment tools for conducting intermediate certification of students in practice

Based on the results of the training practice, the student submits a test with an assessment.

8.1.1. A list of competencies that students should master as a result of mastering the educational program, a description of indicators and criteria for their assessment at various stages of formation, an assessment scale.

GPC-10.1 Able to use modern information and communication tools and technologies in professional activities	Knows linguistic communicative styles of communication in the state and foreign (s) languages,; technologies for searching for the necessary information in the process of solving various communicative tasks in the state and foreign (s) languages; technology of translation of academic texts from foreign(s) into the state language.	Evaluation of the practice report
	Knows how to use information and communication technologies when searching for the necessary information	Evaluation of the practice report

	Possesses communication skills in oral and written forms in Russian and foreign languages in professional activities	Evaluation of the practice report
PC-4.4 Knows how to prioritize the volume, content and sequence of diagnostic measures, taking into account the standards of medical care	Knows the standards of medical care	Evaluation of the practice report
	Able to correctly determine the volume and sequence of diagnostic measures in accordance with the standards of medical care for various nosologies	Evaluation of the practice report
	Possesses the skills of diagnostic search for various nosologies in accordance with the standards of medical care	Evaluation of the practice report
PC-4.5 Knows the methods of laboratory and instrumental research to assess the state of health, medical indications for conducting research, the rules for interpreting their results	Knows modern methods of laboratory and instrumental diagnostics for various nosologies, indications and contraindications for their use	Evaluation of the practice report
	Able to compose a differential search algorithm using laboratory and instrumental diagnostics for various nosologies	Evaluation of the practice report
	Has the skills to interpret the results of laboratory and instrumental diagnostic methods for various nosologies	Evaluation of the practice report
PC-4.6 Knows the procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care	Knows the procedures for providing medical care, clinical recommendations, treatment protocols, standards for providing medical care for various diseases	Evaluation of the practice report
	Able to apply protocols and standards of medical care, clinical recommendations in practice	Evaluation of the practice report
	Has the skills to provide medical care in accordance with modern protocols and standards for the provision of medical care, clinical recommendations	Evaluation of the practice report
PC-5.3 Able to carry out differential diagnosis of diseases of internal organs from other diseases	Knows the features of differential diagnosis in various therapeutic nosologies	Evaluation of the practice report
	Able to compose a differential search algorithm for various nosologies	Evaluation of the practice report
	Possesses the skills of differential diagnostics in various conditions using modern diagnostic methods	Evaluation of the practice report
PC-5.4 Can use the International Statistical Classification of Diseases and Related Health Problems (ICD) to make a diagnosis	Knows the international statistical classification of diseases and health-related problems	Evaluation of the practice report
	Able to formulate a diagnosis according to the international statistical classification of diseases and health-related problems	Evaluation of the practice report
	Has the skills to make a diagnosis according to the international statistical classification of diseases and health-related problems	Evaluation of the practice report

PC-7.2 Knows how to prescribe medicines, medical devices and medical nutrition, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care	Knows the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care	Evaluation of the practice report
	Able to prescribe medicines, medical devices and nutritional therapy, taking into account the diagnosis, age and clinical picture of the disease	Evaluation of the practice report
	Has the skills to prescribe drugs, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations on the provision of medical care, taking into account the standards of medical care	Evaluation of the practice report
PC-8.1 Knows modern methods of non-drug treatment of diseases and conditions in a patient in accordance with the current procedures for providing	Knows modern procedures for providing medical care for various nosologies and conditions	Evaluation of the practice report
	Able to draw up a plan for non-drug treatment of diseases and conditions in a patient in accordance with the current procedures for the provision of medical care	Evaluation of the practice report
	Possesses the skills of non-drug treatment for various conditions and nosologies in accordance with the current procedures for the provision of medical care.	Evaluation of the practice report
PC-8.2 Able to prescribe non-drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care	Knows the main methods of non-drug treatment for various conditions and nosologies in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care	Evaluation of the practice report
	Able to prescribe non-drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care	Evaluation of the practice report
	Possesses the skills of non-drug treatment for various conditions and nosologies in accordance with the current procedures for the provision of medical care.	Evaluation of the practice report
PC-11.1 Knows the procedure for the examination of temporary disability and signs of	Знает порядок экспертизы временной нетрудоспособности и признаки временной нетрудоспособности пациента	Evaluation of the practice report
	Умеет определять признаки временной нетрудоспособности пациента	Evaluation of the practice report

temporary disability of the patient	Владеет навыками действия в соответствии с порядком экспертизы временной нетрудоспособности	Evaluation of the practice report
PC-12.2 Knows the medical indications and contraindications for the appointment of sanatorium-resort treatment as a stage of the patient's medical rehabilitation	Knows the indications and contraindications for the use of natural healing factors, spa treatment and the stages of medical rehabilitation of patients, in accordance with the procedures for providing medical care, clinical recommendations	Evaluation of the practice report
	Able to draw up conclusions with recommendations for sanatorium and resort treatment, carry out medical rehabilitation independently, in accordance with modern standards and clinical recommendations	Evaluation of the practice report
	Has the skills to determine indications and contraindications for sanatorium treatment, use and conduct medical rehabilitation and sanatorium treatment	Evaluation of the practice report
PC-14.1 Knows preventive measures taking into account the diagnosis in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care	Knows the principles and features of the prevention of diseases and (or) conditions, taking into account the standards of medical care	Evaluation of the practice report
	Knows medical indications and medical contraindications for the use of methods of disease prevention, preventive measures, taking into account the diagnosis in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care	Evaluation of the practice report
	Has the skills to develop preventive measures taking into account the standards of medical care	Evaluation of the practice report
PC -15.1 Knows the rules for conducting sanitary and anti-epidemic measures	Knows the principles of organizing sanitary and anti-epidemic (preventive) measures in order to prevent the occurrence and spread of infectious diseases	Evaluation of the practice report
	Able to plan and implement measures to introduce restrictive measures (quarantine)	Evaluation of the practice report
	Has the skills to determine medical indications for the introduction of restrictive measures (quarantine) and indications for referral to a specialist doctor in case of infectious (parasitic) diseases	Evaluation of the practice report
PC-16.1 Knows the medical and statistical indicators of morbidity, disability and	Knows the methodology of statistical research, regulatory documentation on the examination of the quality of medical care for the population	Evaluation of the practice report

mortality that characterize the health of the attached population, the procedure for their calculation and evaluation	Able to calculate indicators of the quality of medical care; develop measures aimed at improving the quality of medical care	Evaluation of the practice report
	Possesses the skills of calculating and the main indicators of the quality of medical care, characterizing the health of the attached population	Evaluation of the practice report
PC-17.2 Able to analyze medical and statistical indicators of morbidity, disability and mortality to assess the health of the attached population	Knows the normative documentation on the examination of the quality of medical care to the population	Evaluation of the practice report
	Able to analyze medical and statistical indicators of morbidity, disability and mortality to assess the health of the attached population	Evaluation of the practice report
	Has the skills to calculate and analyze medical and statistical indicators of morbidity, disability and mortality to assess the health of the attached population	Evaluation of the practice report
PC-19.1 Knows the rules for issuing medical documentation in medical organizations that provide medical care on an outpatient basis, including at home when a medical worker is called	Knows the rules for issuing medical documentation in medical organizations providing medical care on an outpatient basis, including at home; organization of medical care in medical organizations providing medical care on an outpatient basis	Evaluation of the practice report
	Able to fill out medical documentation and monitor the performance of duties by a district nurse and other medical workers at their disposal.	Evaluation of the practice report
	Possesses the skills of registration of medical documentation in outpatient clinics	Evaluation of the practice report
PC-19.3 Able to fill out medical documentation, including in electronic form	Knows the rules of registration of medical documentation in medical organizations; rules of work in information systems and information and telecommunications network "Internet".	Evaluation of the practice report
	Able to fill out medical documentation, including in electronic form; use information systems and information and telecommunications network "Internet" in professional activities	Evaluation of the practice report
	Proficient in maintaining medical records; skills in information systems and information and telecommunications network "Internet".	Evaluation of the practice report

8.1.2. Evaluation scale and criteria for evaluating the results of defending a practice report.

Passing the test based on the results of the internship is carried out by publicly defending the report on the implementation of the internship program before a

commission formed by the director of the department, the head of which was appointed by order to send students to practice.

Successful defense of the report should include: a short speech by the student about the results of the internship, as well as answers to the questions of the commission on the documents presented in the report and confirming the implementation of the internship program.

During the defense, the student reports on the content of the work done during the internship. The student may be asked questions about the correctness of a decision taken on a specific case or practice material.

From the student, the head of practice from SBM or members of the commission for the protection of practice have the right to demand answers to any questions that are related to the practice passed. If the student finds it difficult to answer these questions, he may be asked to additionally read the literature, study the material, and in some cases - again undergo an internship.

Based on the report and the defense of the results of the practice, the student is given a grade: credited (“excellent”, “good”, “satisfactory”), or not credited (“unsatisfactory”). The assessment is put down in the student's record book and in the statement by the head of his practice from the department.

### **Criteria for grading a student in the practice test**

<b>Grade</b>	<b>Requirements for the formed competencies</b>
<b>Passed ("Excellent")</b>	The grade credited (“excellent”) is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the assignment for practice, knows how to closely link theory with practice, freely copes with tasks, questions and other types of application of knowledge, knows how to give examples, answered all the questions during the defense of the practice, the answers are logical, deep and complete disclosure
<b>Passed ("Good")</b>	The grade credited (“good”) is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the practice assignment, copes well with tasks, questions and other types of application of knowledge, answered the main questions during the defense of the practice, the answers are different consistency and

	completeness of the disclosure of the topic, however, one or two inaccuracies in the answer are allowed
<b>Passed</b> ("satisfactorily")	The grade credited ("satisfactory") is given to the student if he has completed the main part of the practice program, but is hardly able to use theoretical knowledge when completing the assignment in practice, generally copes with tasks, questions and other types of application of knowledge, answers to questions during the defense practices lack depth and completeness
<b>Not credited</b> ("unsatisfactory")	The grade is not credited ("unsatisfactory") is given to a student who has not completed the practice program, is not able to use theoretical knowledge when completing the practice assignment, cannot cope with tasks, questions and other types of application of knowledge, has not answered the main questions during the defense of the practice

A student who has not completed the practice program for a good reason is sent to practice again in his free time from classroom studies. A student who fails to complete an internship program without a valid reason or receives an unsatisfactory grade is considered to have an academic debt. The liquidation of this debt is carried out in accordance with the FEFU regulations.

### 8.1.3 Methodological materials defining the assessment procedure

#### Preparation of a practice report

The study practice report is compiled in accordance with the main stage of the practice program and reflects the implementation of an individual task. The volume of the report should be 15-20 pages of typewritten text (excluding appendices). The report is drawn up on A4 paper and bound in a single block. The text of the report is presented on one side of the sheet, in Times New Roman font, size 14, with 1.5 intervals. Each page of the work is drawn up with the following margins: left - 30 mm; right - 10 mm; top - 20 mm; lower - 20 mm. Paragraph indentation in the text - 1.5 cm. All pages of the work must have continuous numbering, including applications. The numbering is in Arabic numerals, with the page number placed in the lower right corner, starting from the table of contents after the title page. All structural elements of the practice report are stitched together.

The internship report should include the following documents:

1. Voucher (referral) to practice with notes on the day of arrival, departure, stamps and signatures of responsible persons;



2. Practice diary containing daily records of work performed. After the next week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);

3 The student-intern's report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their elimination, their own assessment the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

Contents of report sections

Title page (Appendix 1)

Content

Introduction

Main part

-General characteristics of the practice base

-Description of the workplace and functional duties

- Individual task for internship (Appendix 2)

- Practice diary (Appendix 3)

Conclusion on the results of practice

List of used materials

## **9. EDUCATIONAL-METHODOLOGICAL AND INFORMATION SUPPORT FOR PRACTICE**

### **Main literature**

1. Nursing in therapy: a textbook for universities / N. G. Petrova, V. N. Petrov, V. A. Lapotnikov, V. L. Emanuel; executive editor N. G. Petrova. - 3rd ed., Rev. and additional - Moscow: Yurayt Publishing House, 2021. - 495 p. <https://lib.dvfu.ru/lib/item?id=Urait:Urait-467794&theme=FEFU>

2. Nursing in surgery: textbook and workshop for universities / T. I. Okonenko, G. I. Chuvakov. — 2nd ed., corrected. and additional - Moscow: Yurayt Publishing House, 2020. - 158 p. <https://lib.dvfu.ru/lib/item?id=Urait:Urait-451623&theme=FEFU>

3. General nursing: textbook for universities: in English. lang. / V. N. Oslopov, O. V. Bogoyavlenskaya. M.: GEOTAR-Media, 2019. <https://lib.dvfu.ru/lib/item?id=chamo:881237&theme=FEFU>

4. General care for therapeutic patients [Electronic resource]: textbook / V. N. Kotelnikov, V. G. Seyidov, B. I. Geltser; Far Eastern Federal University, School of Biomedicine. Publishing House of the Far Eastern Federal University, 2018. <https://lib.dvfu.ru/lib/item?id=chamo:874520&theme=FEFU>

### **Additional literature**

*(printed and electronic editions)*

1. Sdrav.ru - information support portal for health care facility specialists / <https://www.zdrav.ru/rubric/89649-sestrinskie-manipulyatsii-i-protsess>

2. Lychev, VG Nursing in therapy. With a course of primary care: a textbook / V. G. Lychev, V. K. Karmanov. - 2nd ed., revised. and additional - Moscow: FORUM: INFRA-M, 2020. - 544 p. <https://lib.dvfu.ru/lib/item?id=Znanium:Znanium-1063618&theme=FEFU>

3. Emergency care at the prehospital stage, Altai State Medical University. LLC "Scientific Publishing Center INFRA-M", 2017. <https://lib.dvfu.ru/lib/item?id=Znanium:Znanium-1067798&theme=FEFU>

4. Fundamentals of nursing: workshop: textbook for secondary vocational education / T. P. Obukhovets; ed. B. V. Kabarukhina. Rostov-on-Don: Phoenix, 2016. <https://lib.dvfu.ru/lib/item?id=chamo:823568&theme=FEFU>

5. Surgery: textbook / E. D. Rubinina; ed. I. K. Gainutdinova. Moscow: Dashkov i K°, 2018.  
<https://lib.dvfu.ru/lib/item?id=chamo:868086&theme=FEFU>

**List of resources of the information and telecommunications network "Internet"**

1. <http://www.dvfu.ru/web/library/nb1> FEFU Scientific Library
2. <http://www.e.library.ru> Electronic library
3. <http://www.consultant.ru/> "Consultant-plus" - the legislation of the Russian Federation
4. <http://www.who.int/ru/> World Health Organization.
5. <http://window.edu.ru> Single window of access to educational resources
6. <http://www.garant.ru> "Garant"
7. <http://fgou-vumc.ru/fgos/fgosvpo.php>. - the official website of VUNMC Roszdrav.
8. <http://www.who.int/ru> World Health Organization
9. <http://www.vniiki.ru/catalog/gost.aspx> Full-text database of GOSTs valid on the territory of the Russian Federation
10. <http://www.garant.ru> World Health Organization

**List of information technologies and software**

<b>The location of the computer equipment on which the software is installed, the number of jobs</b>	<b>Software List</b>
690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10. Building M, computer class of the School of Medicine, room M723, 15 jobs	Microsoft Office Professional Plus 2010; an office suite that includes software for working with various types of documents (texts, spreadsheets, databases, etc.); - 7Zip 9.20 - free file archiver with a high degree of data compression; - ABBYY FineReader 11 - a program for optical character recognition; - Adobe Acrobat XI Pro is a software package for creating and viewing electronic publications in PDF format;

	<ul style="list-style-type: none"> <li>- ESET Endpoint Security - comprehensive protection of workstations based on Windows OS. Virtualization support + new technologies;</li> <li>- Google Chrome.</li> </ul>
690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10, building A - level 10, Reading rooms of the FEFU Scientific Library with open access to the fund	<ul style="list-style-type: none"> <li>Microsoft Office Professional Plus 2010; офисный пакет, включающий программное обеспечение для работы с различными типами документов (текстами, электронными таблицами, базами данных и др.);</li> <li>– 7Zip 9.20 - свободный файловый архиватор с высокой степенью сжатия данных;</li> <li>– ABBYY FineReader 11 - программа для оптического распознавания символов;</li> <li>– Adobe Acrobat XI Pro – пакет программ для создания и просмотра электронных публикаций в формате PDF;</li> <li>– ESET Endpoint Security - comprehensive protection of workstations based on Windows OS. Virtualization support + new technologies;</li> <li>- Google Chrome.</li> </ul>

## 11. LOGISTICS AND TECHNICAL SUPPORT OF TRAINING PRACTICE

During the internship, as well as for the organization of independent work, students have access to the following laboratory equipment and specialized rooms that comply with current sanitary and fire safety standards, as well as safety requirements for educational work. Statistical reports, archival materials of the practice base. It is important to familiarize the student with the electronic legal bases "Garant", "Consultant Plus".

Name of equipped premises for independent work	List of main equipment
690922, Primorsky Territory, Vladivostok, Russian island, Ajax settlement, 10 FEFU Medical Center Surgery Center, Therapy Center	<ul style="list-style-type: none"> <li>Mono- and bipolar electrosurgical instruments for electrosurgical devices, Endoscopic equipment with accessories, Endoscopic instruments with accessories (arthroscopic set), "Instrument kit for ventriculoscopy", Sterilization round boxes with KF-3 filters, Microprocessor-based freezer with sound and light alarm, Set for small neurosurgery sterilizer BINDER GD 53 bactericidal closed type, Reusable skin stapler SKM-1 (extractor), Patient warmer WarmTouch 5900, Trolley for</li> </ul>

	<p>placing containers, Apparatus for long-term drainage with accessories (Surgical electric pump), Reocor external pacemaker with accessories, SCHILLER electrocardiographs: CARDIOVIT AT- 2, mod.: plu, s, Metpak pressure infusion set 500 ml, Bronchial suction with accessories (Electric bronchial suction), Intubation set; (laryngoscope, blades, charger), Manometer for measuring intracuff pressure multiple times. Applications, Electric functional resuscitation bed, Medical trolley for transporting patients Emergo 6230, Temporary external pacemaker Pace T20  Pharmaceutical refrigerators KhF-400 "POZIS", Electronic digital thermometer, Mechanical tonometer IAD-01-1E, Thermometer for van, Non-contact thermometer NF-3101, Intrahospital 2-tier small trolley, tray depth 20 mm (stainless steel), Rack infusion mobile medical - on 5 wheels, Sterilizer-heater B.Well Kids WK-140 d/bottle 2in1, Wall-mounted medical system for gas supply Linea with accessories, Pulse oximeter MD300 C 1 , Devices for measuring blood pressure UA-200 with accessories, Bioocular ophthalmoscope indirect with diffusion filter 12500-D, Otoscopes with accessories model: BETA 200; Sanitary stretcher, Kidney-shaped stainless tray, Kidney-shaped stainless tray, Medical electric bed Hill-Rom © 900 with accessories, Inhaler for aerosol therapy with accessories (Flowmeter for oxygen), Inhaler (nebulizer) Omron Comp Air NE-C24-Kids compress pack p / e No. 1, Elbow wall dispenser DU-010 BelAseptika, GLUKOMETER ACUCHEK AKTIV, Floor medical electronic scales VMEN-150-50 / 100A, Devices for spirometry and pulse oximetry MIR, mod.: Spirodoc with accessories, Medical stethoscopes, models: KaWe-Standart-Prestige (Stethophonendoscopes), Electroneurostimulator Stimuplex HNS 12</p>
<p>Reading rooms of the FEFU Scientific Library with open access to the fund (building A - level 10)</p>	<p>HP ProOpe 400 All-in-One 19.5 (1600x900), Core i3-4150T, 4GB DDR3-1600 (1x4GB), 1TB HDD 7200 SATA, DVD+/-RW,GigEth,Wi-Fi,BT,usb kbd/ mse,Win7Pro (64-bit)+Win8.1Pro(64-bit),1-1-1 Wty Internet access speed 500 Mbps. Workplaces for people with disabilities are equipped with Braille displays and printers; equipped with: portable devices for reading flat-print texts, scanning and reading machines, a video enlarger with the ability to regulate color spectra; magnifying electronic loupes and ultrasonic markers</p>

In order to provide special conditions for the education of people with disabilities and people with disabilities in FEFU, all buildings are equipped with ramps, elevators, lifts, specialized places equipped with toilets, information and navigation support signs.



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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**TRAINING REPORT**  
**Clinical practice. General Professional Medical Training**

Completed by (a), student C \_\_\_ : \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Grade \_\_\_\_\_

Practice leader:

from the university \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Grade \_\_\_\_\_

Practice leader:

from the base of practice \_\_\_\_\_

\_\_\_\_\_  
signature (full name)

" \_\_\_ " \_\_\_\_\_ 202 \_\_\_ years

Vladivostok

202\_

Individual task for industrial practice

Clinical practice. General Professional Medical Training

Student of group C \_\_\_\_\_

\_\_\_\_\_

Place of internship \_\_\_\_\_

\_\_\_\_\_

Terms of internship from " \_\_\_\_ " \_\_\_\_\_ 202 \_\_\_\_ years to " \_\_\_\_ " \_\_\_\_\_ 202 \_\_\_\_ years

Types of work and requirements for their implementation

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Head of practice from FEFU

\_\_\_\_\_ / \_\_\_\_\_ /

position signature full name signature

" \_\_\_\_ " \_\_\_\_\_ 20 \_\_\_\_



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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**DIARY**  
**Clinical practice. General Professional Medical Training**

Student \_\_\_\_\_  
5 course \_\_\_\_\_ group \_\_\_\_\_ faculty \_\_\_\_\_  
Place of internship \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_

Head of practice (teacher) \_\_\_\_\_

Grade for practice \_\_\_\_\_

20/20 academic year

Vladivostok  
20\_\_



### INSTRUCTIONS FOR KEEPING THE DIARY OF PRACTICE

During the work practice at each cycle, the student draws up a diary of work practice. In the diary, the student reflects all the work done. Working at the reception and at the site, students should, using the example of a particular patient, master the practical skills of diagnosis, prevention, treatment, organization of the medical and diagnostic process on an outpatient basis. The internship report gives a brief description of the department: the profile of the department, the number of beds, the staff of the department, the availability of auxiliary rooms, etc. After completing the internship, the student, based on the entries in the diary, must fill out a summary digital report on the work done. Sanitary and educational work is carried out in the form of conversations, issuance of health bulletins; its content, place and time should be reflected in the diary and certified by the signature of the direct leader of the practice. All students during the practice practice perform theirs in the form of an essay or fill out theirs cards, which are handed over together with the diary for verification by the assistant head of the practice.

Daily diary template

Date	Work content
01.07.18	<p>Reception work</p> <p>1. Ivanova A.I., 45 years old. Works. Diagnosis: SARS. Issued a certificate of incapacity for work (primary)</p> <p>2. Petrova O.I., 49 years old. Works. D-account. Diagnosis: Hypertensive disease stage II, arterial hypertension of the 2nd degree, 3 tbsp. risk. CHF 1 stage, 1 FC. Analyzed ECG data, description of the fundus, analyzes blood and urine, wrote out a prescription for Arifon.</p> <p>3. Sidorova A.G., 65 years old Pensioner. Does not work. D-account. Diagnosis: Chronic cholecystitis in the stage exacerbations? In order to clarify the diagnosis, the patient was prescribed an examination: complete blood count, ultrasound of the liver and gallbladder, biochemical blood test: bilirubin, transaminases.</p>
06.07.18	<p>1. Berezin A.I., 39 years old. Works. D-account. Diagnosis: Chronic gastritis with reduced secretory function in remission. He issued a sanatorium-resort card to the sanatorium "Stroitel".</p> <p>2. Pirogov A.I., 55 years old. Does not work. Group 3 disabled. D-account. Diagnosis: coronary artery disease: angina III FC, postinfarction cardiosclerosis. CHF PA stage, FC 2. Sent to VK for solving the issue of increasing the group</p>

### Implementation of practical skills during work experience

Content of work/date	due minimum	total
1. Collection and evaluation of anamnesis	4	
2. Clinical examination of a healthy and sick patient: examination, auscultation, percussion, palpation	4	
3. Evaluation of the pathological changes identified during the examination of the patient and the formulation of a preliminary diagnosis	4	
4. Determination of a set of additional diagnostic methods to confirm or make a diagnosis on an outpatient basis	3	
5. Evaluation of the results of laboratory and instrumental research methods:		
1. General blood test	4	
2. Urinalysis general	4	
3. Urinalysis according to Nechiporenko	4	
4. Biochemical blood test	4	
5. Analysis of the coprogram	3	
6. Ultrasound	3	
7. X-ray examination	3	
8. ECG		
9. FGDS	3	
6. Substantiation of patient management tactics, methods of treatment and prevention, determination of prognosis	3	
7. Make a plan for treating the patient	3	
88. Rationale for disease therapy a) syndromic b) etiological c) pathogenetic		
9. Using knowledge of the main groups of drugs, their mechanisms of action, indications and contraindications for their use.	3	
10. Making an entry in the outpatient card	3	
11. Issuing prescriptions for medicines	3	
12. Registration of prescriptions for subsidized, narcotic drugs equivalent drugs	3	
13. Definition of VN, its causes, criteria for recovery	5	
14. Registration of certificates of incapacity for work	3	
15. Making a referral to ITU	2	
16. Definition of indications for hospitalization	2	
17. Making a referral for hospitalization	2	
18. Registration of a control card for dispensary observation Ф030-y	3	
19. Issuance of outpatient coupons	3	
20. Provision of emergency care for:		
1. anginal status	2	
2. hypertensive crisis	2	
3. faint and collapse	2	
4. an attack of bronchial asthma	2	
5. hyperthermic syndrome	2	

Student's signature.....

Head's signature department .....

Subject of the health bulletin:

### Topics for conversations with patients

Department	Date	Conversation topic	Number of patients

**Student Research Report (ERWS): give a brief description of the results obtained**

## CHARACTERISTIC

for a student of \_\_\_\_\_ group No. \_\_\_\_\_ of the General  
Medicine, who had an educational practice from \_\_\_\_\_ to \_\_\_\_\_ 202\_\_\_. on  
the base \_\_\_\_\_

During the Clinical practice. General Professional Medical Training  
"

Signature of base practice leader \_\_\_\_\_

MP Date \_\_\_\_\_

Work practice credit

1. Keeping a diary \_\_\_\_\_

2. Test control \_\_\_\_\_

3. Certification of practical skills and abilities \_\_\_\_\_

4. Interview \_\_\_\_\_

5. Sanitary and educational work \_\_\_\_\_

6. ERWS \_\_\_\_\_

FINAL GRADE \_\_\_\_\_

Teacher \_\_\_\_\_

Date of \_\_\_\_\_

**Work practice credit: " Clinical practice. General Professional Medical Training**

1. Keeping a diary \_\_\_\_\_
2. Test control \_\_\_\_\_
3. Interview \_\_\_\_\_
4. Sanitary and educational work \_\_\_\_\_
5. WIRS \_\_\_\_\_

FINAL GRADE \_\_\_\_\_

Head of practice from the university:

\_\_\_\_\_ (full name, position, signature)

Date: " \_\_\_\_ " \_\_\_\_\_ 202\_



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**SCHOOL OF BIOMEDICINE**

«AGREED»

Head of education program  
«General medicine»

(signature)

Khotimchenko Yu.S.  
(Full name)

«14» January 2021



«APPROVED»

Director of the Department of  
Clinical Medicine

(signature)

Geltser B.I.  
(Full name)

«14» January 2021

**WORKING PROGRAM OF CLINICAL PRACTICE**  
**Educational Training. Primary Research Training**

Specialty 31.05.01 «General medicine»  
**Form of study: full time**

Working program is compiled in accordance with the requirements of the Federal State Educational Standard for the direction of training 31.05.01 General Medicine, approved by order of the Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020 No. 988

The work program of the discipline was discussed at a meeting of the Department of Clinical Medicine. Protocol No. 5 of January 14, 2021

Compiled by: Doctor of Medical Sciences, Professor Beniova S.N., Candidate of Medical Sciences, Associate Professor Korableva E.V.

*Рабочая программа пересмотрена на заседании  
Департамента/кафедры/отделения (реализующего дисциплину) и  
утверждена на заседании Департамента/кафедры/отделения  
(выпускающего структурного подразделения), протокол от «*

*»*  
\_\_\_\_\_202\_\_г. №

*Рабочая программа пересмотрена на заседании  
Департамента/кафедры/отделения (реализующего дисциплину) и  
утверждена на заседании Департамента/кафедры/отделения  
(выпускающего структурного подразделения), протокол от «\_»*

\_\_\_\_\_202\_\_г. №

*Рабочая программа пересмотрена на заседании  
Департамента/кафедры/отделения (реализующего дисциплину) и  
утверждена на заседании Департамента/кафедры/отделения  
(выпускающего структурного подразделения), протокол от «\_»*

\_\_\_\_\_202\_\_г. №

*Рабочая программа пересмотрена на заседании  
Департамента/кафедры/отделения (реализующего дисциплину) и  
утверждена на заседании Департамента/кафедры/отделения  
(выпускающего структурного подразделения), протокол от «\_»*

\_\_\_\_\_202\_\_г. №

*Рабочая программа пересмотрена на заседании  
Департамента/кафедры/отделения (реализующего дисциплину) и  
утверждена на заседании Департамента/кафедры/отделения  
(выпускающего структурного подразделения), протокол от «\_»*

\_\_\_\_\_202\_\_г. №

## **1. PURPOSE OF LEARNING PRACTICE**

consists in mastering special knowledge for the development of a scientific outlook in students in parallel with the development of the logic of clinical thinking, necessary for implementation in the conditions of primary health care, including early diagnosis of the most common chronic non-communicable diseases, primary and secondary prevention of major chronic non-communicable diseases, examination of working capacity , and other practical skills necessary for the subsequent practical activities of a doctor.

## **2. OBJECTIVES OF LEARNING PRACTICE**

- consolidation and development of professional theoretical knowledge obtained in the study of the disciplines provided for by the curriculum in the direction of 31.05.01. - Medical business;
- mastering the necessary professional research competencies in the area of training;
- formation of skills for studying and analyzing scientific literature, statistical collections and regulations;
- mastering certain methods of scientific research corresponding to the topic of the research work being carried out;
- obtaining the skills of independent collection of factual material on the topic of research;
- improvement of existing skills and abilities of independent research activities;
- use of the results of research work in practice;
- formation of the student's skills of working in a team;
- improvement of the personality of the future graduate in the direction of 31.05.01. - Medical business.

## **3. PLACE OF INDUSTRIAL PRACTICE IN THE STRUCTURE OF EP HE**

The total labor intensity of mastering the discipline is 10 credit units - 360



hours. The discipline is implemented on the 6th year in the B-C semesters.

To master the production practice B2.O.07 (y) "Research work" (obtaining the primary skills of research work), the following knowledge, skills and abilities are required, formed by the previous disciplines of the curriculum: psychology, philosophy, bioethics, mathematics, physics , normal physiology, pathological physiology, anatomy, pathological anatomy, public health and healthcare, hygiene, epidemiology, propaedeutics of internal diseases, faculty therapy, hospital therapy, endocrinology, polyclinic therapy.

The initial knowledge necessary for mastering the production practice "Research work" includes:

- the ability to generalize and systematize the results obtained in the context of previously accumulated knowledge;
- the ability to understand and use the knowledge of the mastered disciplines of training in the direction of training 31.05.01 - General Medicine;
- possession of modern methods of obtaining information;
- understanding of the philosophical concept of natural science and possession of the basics of the methodology of scientific knowledge.

#### **4. TYPES, METHODS, PLACE AND TIME OF INTERNSHIP**

**General information about the educational practice is presented in**

**Table 1.** Таблица 1

Type of practice	• Educational
Practice Type	•
Method of carrying out	Stationary
Form(s) of holding	• Discrete
Scope of practice in credits	• 10 credits.
Practice duration	8 weeks, 360 ac. hour.
Course, semester	6 course, 11-12 semester
Places of practice	- Medical Center of the Federal State Autonomous Educational Institution of Higher Professional Education "Far Eastern Federal University";

#### **5. STUDENT COMPETENCES FORMED AS A RESULT OF TRAINING PRACTICE**

**Table 2 presents the planned results of the production practice**

Type of professional activity	Planned practice outcomes (code, formulation of competencies or competency elements))
Educational	<p>GPC-11.1 - is able to search and select scientific, regulatory, legal and organizational and administrative documentation in accordance with the set goals, their analysis and application to solve professional problems</p> <p>GPC-11.2 - knows how to use the methods of evidence-based medicine in solving a professional task</p> <p>GPC-11.3 - knows how to prepare information and analytical materials and references, including for public presentation of the results of scientific work (report, theses, article)</p> <p>PC-16.2 - is able to analyze data from official statistical reporting, including forms of federal and sectoral statistical observation</p>

## 6. STRUCTURE AND CONTENT OF TRAINING PRACTICE

The total labor intensity of educational practice is 10 credit units, 360 hours.

Practice Stage	Approximate types of work in practice, including independent work of students	Labor intensity (in hours)	Form and frequency of current control
Preparatory stage	Safety briefing. Workplace distribution	2	Teacher control
Basic	- Conducting a literary and information search, compiling a list of references on the research problem, drawn up in accordance with GOST;	56 hours	Teacher control
	- Working with literature, regulations, other sources of information on the topic of research work (including the selection of sources, their study and critical analysis);	48 hours	
	-Participation in the planning, organization and conduct of scientific research on the topic;	16 hours	
	- Participation in the selection of relevant research methods and techniques that correspond to the purpose and objectives of the study;	28 hours	
	- An independent set of research	78 hours	

	material using general clinical and special research methods in accordance with the topic of the student's research work; - Determination of methods for mathematical processing of the results obtained: criteria for choosing non-parametric and parametric methods of statistical processing; - Systematization and analysis of primary data obtained during the study using statistical methods - Analysis and description of the results obtained during the study based on statistics, literature data, legal aspects of regulation; - Preparation and design of research paper materials for publication (speech)	20 hours	
		24 hours	
		40 hours	
		24 hours	
Final stage	- Preparation and execution of a report on the educational practice "Research work" in the appropriate form. Interview.	24 hours	Teacher control Final assessment
Total		360 hours	

## **7. EDUCATIONAL AND METHODOLOGICAL SUPPORT FOR STUDENTS' INDEPENDENT WORK IN EDUCATIONAL PRACTICE**

Student independent work (SIW) is one of the forms of practice and is organized with the aim of:

- systematization and consolidation of the received theoretical knowledge and practical skills of students;
- deepening and expansion of theoretical knowledge;
- formation of the ability to work with various types of information, the ability to use normative, legal, reference documentation and special literature;
- development of cognitive abilities of students;
- formation of such personality traits as responsibility and organization, independent thinking, ability for self-development, self-improvement and self-realization.

Tasks for work experience are formed in the Internship Program of the FEFU School of Medicine. The content of tasks for practice is based on the general professional and special disciplines passed to the beginning of the practice.

At the working stage of the internship, students get acquainted with the structure of the medical institution, constituent documents, functional duties (job descriptions) of the employees of the departments in which the internship takes place, and acquire the skills of independent professional work in their specialty.

Practical tasks should be carried out in stages, with the consistent development of gradually becoming more complex actions and techniques that make up a set of skills and abilities that determine the practice program.

The individual work of a student at a temporary workplace is organized by the head of the practice under the supervision of the employees of the departments in which the student is doing the practice.

During the internship, the student performs educational and research work (URI). The choice of the topics of the CIR is predetermined by the specifics of the department of the medical organization, the problems of patient care and the provision of qualified medical care, the principles of the scientific organization of the work of the medical staff, acceptable for this department. During the period of industrial practice, students perform sanitary and educational work in the amount of 4 hours in the form of a sanitary bulletin and conversations for patients on a topical sanitary and educational topic.

Independent work with literature, writing case histories and defending abstracts, receiving patients form the ability to analyze medical and social problems, the ability to use the natural sciences, biomedical and clinical sciences in practice in various types of professional and social activities.

After completing the internship, the student submits a written report on its passage to the head of the internship from FEFU for verification and, if necessary, follows his recommendations for finalizing the report.

The internship report should include the following documents:

1. Referral to practice with notes on the day of arrival, departure, seals and signatures of responsible persons;

2. Practice diary containing daily records of work performed. After the next week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);

3. The student-intern's own report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their elimination, own assessment of the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

### **Guidelines for mastering the module:**

#### **General methodology and methodology for working on a student's research work**

##### **Rules for the design of the list of references**

GOST R 7.0.5-2008. System of standards on information, librarianship and publishing. Bibliographic link. General requirements and drafting rules

Ways of arranging the material in the list of references: alphabetical, systematic and in the order of mention in the text.

##### **Rules for writing a scientific publication**

A scientific publication is one of the main results of a researcher's activity. The main purpose of the publication is to make the author's work available to other researchers and to indicate his priority in the chosen field of research. In order to clearly navigate the variety of types of publications and choose the right one, you

need to know the typology of scientific publications. According to GOST 7.60–2003 “SIBID. Editions. Main types. Terms and definitions” there are several options for textual presentation of scientific results:

A monograph is a scientific or popular science publication containing a complete and comprehensive study of one problem or topic and owned by one or more authors.

Collection of scientific papers - a collection containing research materials of scientific institutions, educational institutions or societies.

Materials of the conference (congress, symposium) - a non-periodic collection containing the results of the conference (reports, recommendations, decisions).

Preprint - a scientific publication containing preliminary materials published before the publication of the publication in which they can be placed.

Abstracts of reports / messages of a scientific conference (congress, symposium) - a scientific non-periodic collection containing materials of a preliminary nature published before the conference (abstracts, abstracts of reports and (or) messages). Often abstracts of reports with a volume of 1-2 pages of text are not counted as publications at all. Of greatest interest to researchers are scientific articles in scientific peer-reviewed journals and proceedings (or materials) of conferences.

A scientific article is a complete and logically coherent work covering a topic that is part of the range of problems related to the topic of the dissertation.

A scientific journal is a journal containing articles and materials on theoretical research, as well as articles and materials of an applied nature intended for scientists.

As a rule, scientific articles are presented in several varieties: a short report on the results of research work; the actual scientific article, which describes the results of the work in sufficient detail; historical and scientific review article; discussion article; advertising article.

### **Scientific style of presentation**

The scientific style is characterized by the use of special scientific terms and definitions, and recently international terminology has been increasingly used. Also

in scientific works it is customary to use more abstract vocabulary than concrete vocabulary (for example, abstract vocabulary is when no specific image is associated with a given word in the mind: genius, substance, phenomenon, matter, feeling, movement, substance, etc.). etc., and specific vocabulary is words that are associated with figurative representations of real-life material objects, for example, a cat, a glass, a titmouse, or about the properties and manifestations of material objects perceived by the senses, for example, green, hot, etc. ). The lexical composition of the scientific style is characterized by relative homogeneity and isolation, and this is expressed, in particular, in the lesser use of synonyms. The volume of text in a scientific style increases not so much due to the use of different words, but due to the repeated repetition of the same ones. In the scientific style there should not be vocabulary with colloquial coloring, which is not characterized by evaluativeness. Evaluation in scientific papers is used to explain the author's thoughts to attract attention and has a rational character. Scientific speech is distinguished by the accuracy and logic of thought, its consistent presentation and objectivity of presentation. In order to make the logical structure of the article more visual, you can use various introductory words and phrases: firstly, secondly, thirdly, in addition, finally, at the same time, at the same time, therefore, thus, summing up , in conclusion, so, therefore, etc. However, it is not necessary to start each sentence with introductory words. Also, in order to make the presentation of the material in scientific speech logical, it is recommended to use complex allied sentences, introductory words and phrases, participial and adverbial phrases, common definitions, etc. The scientific style is characterized by information richness of the sentence, for example: “Individualization is a dynamic process that consistently includes self-conscious refusal to follow the norm - isolation, or deobjectification, comprehension - appeal to individuality or deobjectification, comprehension - appeal to individual unsigned knowledge, or intuition, and, finally, the signification of the image in order to transfer it, include it in social knowledge - exteriorization, t .e, if in preschool age individual experience is denoted by social meaning, then in adolescence, on the contrary, social experience is correlated with

individual meanings. Thus, in adolescence, the dominant form of activity becomes personifying activity associated with modeling, playing many scenarios of future adult life against the background of individualization. Texts using the scientific style are characterized by the detachment of the author, the objectivity of the information presented. This is expressed in the use of generalized-personal and impersonal constructions instead of the 1st person: there is reason to believe, it is believed, it is known, presumably, one can say, one should emphasize, one should pay attention, etc. Also, scientific texts may contain various formulas, diagrams, symbols, tables, etc. Almost any scientific text can contain graphic information - this is one of the features of the scientific style of speech.

### **Use of terms**

The author should strive to be unambiguously understood. To do this, he must follow certain rules:

- use only the most clear and unambiguous terms;
- do not use a word that has two meanings without determining in which of them it will be applied;
- do not use one word in two meanings and different words in the same meaning.

Foreign language terms should not be abused. As a rule, they are not synonymous with native words; there are usually semantic shades between them. Foreign language terms should not be abused. As a rule, they are not synonymous with native words; there are usually semantic shades between them. Preparation of abstracts of research work

Abstract writing is an integral part of research practice. Abstracts are understood as a presentation of your vision of the problem posed in the form of a small analytical work. For the successful completion of the work, the following rules must be observed: Times New Roman font, 12-14, one and a half spacing, justified alignment.

The volume of work should not exceed those recommended by the publisher.

Abstracts should consist of three parts: introduction, main part and conclusion.

All ideas must be reasoned and supported by examples.



This essay is written to test your knowledge of the problem. Now for the substantive recommendations:

**Avoid listing facts.**

Provide specific suggestions for solving the problem.

In the main part, state and argue your point of view on the problem. Don't be afraid to express your own opinion. Feel free to present other points of view, but show why you disagree with them. The introduction and conclusion should be approximately the same in length, the main part should consist of at least two paragraphs. Be sure to pay attention to the logical connection of the text.

Brief recommendations on the design of the content of the student's research report  
The R&D report is drawn up on one side of a sheet of white single-sorted standard A4 paper (210x297 mm) with 1.5 line spacing. Allowable font height: size 12-14, recommended - size 14. The number of characters per line is 60-65. Report pages should have margins: top - 20 mm, bottom - 20 mm, right - 10 mm, left - 25-30 mm. Paragraph indent size - 5 characters; heading should be done in 1-3 intervals.

Page numbering should be continuous and include the title page and appendices. Pages are numbered with Arabic numerals; the page number is not indicated on the title page.

Report sections:

Title page,

Introduction (relevance, goals and objectives),

The main part (description of the research base, research methods, scope of research performed, tables with analysis of research results, possibly graphics and illustrations),

Conclusion (brief results of the study, conclusions),

List of sources and literature (literature, regulations, other sources of information on the topic of research, drawn up in accordance with the current GOST).

Applications (completed survey cards).

The report on the production practice "Research work" is submitted to the head of the research and development work and is assessed with a mark.

The content of the Reports on the production practice "Research work" is stored at the department.

## **8. FORMS OF CERTIFICATION (BY THE RESULTS OF PRACTICE)**

At the end of the internship, the student submits to the head of the practice a completed diary and completed research, an abstract, theses, an article for publication. The head of the practice from the Department of the School of Medicine of the Far Eastern Federal University conducts an interview on the documents of the educational practice. Based on the results of a successful interview and the completion of all tasks for the internship, the student receives an assessment.

8.1. Fund of assessment tools for conducting intermediate certification of students in practice.

Based on the results of practical training, the student passes a test with an assessment.

8.1.1. A list of competencies that students should master as a result of mastering the educational program, a description of indicators and criteria for their assessment at various stages of formation, an assessment scale.

8.1.2. Evaluation scale and criteria for evaluating the results of defending a practice report.

Passing the test based on the results of the internship is carried out by publicly defending the report on the implementation of the internship program before a commission formed by the director of the department, the head of which was appointed by order to send students to practice.

Successful defense of the report should include: a short speech by the student about the results of the internship, as well as answers to the questions of the commission on the documents presented in the report and confirming the implementation of the internship program.

During the defense, the student reports on the content of the work done during the internship. The student may be asked questions about the correctness of a decision taken on a specific case or practice material.

From the student, the head of practice from SHM or members of the commission for the protection of practice have the right to demand answers to any questions that are related to the practice passed. If the student finds it difficult to answer these questions, he may be asked to additionally read the literature, study the material, and in some cases - again undergo an internship.

Based on the report and the defense of the results of the practice, the student is given a grade: credited (“excellent”, “good”, “satisfactory”), or not credited (“unsatisfactory”). The assessment is put down in the student's record book and in the statement by the head of his practice from the department.

### **Criteria for grading a student in the practice test**

<b>Grade</b>	<b>Requirements for the formed competencies</b>
<b>Passed</b> <b>("Excellent")</b>	The grade credited (“excellent”) is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the assignment for practice, knows how to closely link theory with practice, freely copes with tasks, questions and other types of application of knowledge, knows how to give examples, answered all the questions during the defense of the practice, the answers are logical, deep and complete disclosure
<b>Passed</b> <b>("Good")</b>	The grade credited (“good”) is given to the student if he has fully completed the practice program, knows how to use theoretical knowledge when completing the practice assignment, copes well with tasks, questions and other types of application of knowledge, answered the main questions during the defense of the practice, the answers are different consistency and completeness of the disclosure of the topic, however, one or two inaccuracies in the answer are allowed
<b>Passed</b> <b>("satisfactorily")</b>	The grade credited (“satisfactory”) is given to the student if he has completed the main part of the practice program, but is hardly able to use theoretical knowledge when completing the assignment in practice, generally copes with tasks, questions and other types of application of knowledge, answers to questions during the defense practices lack depth and completeness
<b>Not credited</b> <b>("unsatisfactory")</b>	The grade is not credited (“unsatisfactory”) is given to a student who has not completed the practice program, is not able to use theoretical knowledge when completing the practice assignment, cannot cope with tasks, questions and other types of application of knowledge, has not answered the main questions during the defense of the practice

A student who has not completed the practice program for a good reason is sent to practice again in his free time from classroom studies. A student who fails to complete an internship program without a valid reason or receives an unsatisfactory grade is considered to have an academic debt. The liquidation of this debt is carried out in accordance with the FEFU regulations.

### 8.1.3 Methodological materials defining the assessment procedure

#### Preparation of a practice report

The study practice report is compiled in accordance with the main stage of the practice program and reflects the implementation of an individual task. The volume of the report should be 15-20 pages of typewritten text (excluding appendices). The report is drawn up on A4 paper and bound in a single block. The text of the report is presented on one side of the sheet, in Times New Roman font, size 14, with 1.5 intervals. Each page of the work is drawn up with the following margins: left - 30 mm; right - 10 mm; top - 20 mm; lower - 20 mm. Paragraph indentation in the text - 1.5 cm. All pages of the work must have continuous numbering, including applications. The numbering is in Arabic numerals, with the page number placed in the lower right corner, starting from the table of contents after the title page. All structural elements of the practice report are stitched together.

The internship report should include the following documents:

1. Referral to practice with notes on the day of arrival, departure, seals and signatures of responsible persons;
2. Practice diary containing daily records of work performed. After the next week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);
- 3 The student-intern's report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their

elimination, their own assessment the level of their professional training based on the results of practice.

4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal;

All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

Contents of report sections

Title page

Content

Introduction

Main part

-General characteristics of the practice base

-Description of the workplace and functional duties

- Practice Report (Appendix 1)

- Individual task for internship (Appendix 2)

- Practice diary (Appendix 3)

Conclusion on the results of practice

List of used

## **9. EDUCATIONAL-METHODOLOGICAL AND INFORMATION SUPPORT FOR PRACTICE**

### **Main literature**

Main literature

1. Hospital surgery. Seminars: a textbook for universities / S. G. Shapovalyants [and others]; edited by S. G. Shapovalyants, R. V. Plakhov, A. V. Shabrin. - 2nd ed. - Moscow: Yurayt Publishing House, 2020; Moscow: FGBOU VO RNIMU im. N. I. Pirogov. — 155 p. <https://urait.ru/bcode/449053>

2. Internal diseases. Selected lectures: textbook / MP Konchalovsky [and others]; under the general editorship of M. P. Konchalovsky. - Moscow: Yurayt Publishing House, 2020. - 497 p. <https://urait.ru/bcode/456077>

3. Intensive care: national guidelines. / ed. I.B. Zabolotskikh, D.N. Protsenko. - 2nd ed., revised. and add.; Moscow, GEOTAR-Media, 2020, - 1072p. <https://www.rosmedlib.ru/book/ISBN9785970450185.html>

4. Obstetrics: national guidance. Brief edition / ed. E.K. Ailamazyan, V.N. Serova, V.E. Radzinsky, G.M. Savelyeva. - Moscow GEOTAR-Media, 2021. - 608 p. Baranovskaya, E.I. Obstetrics [Electronic resource]: textbook / E.I. Baranovskaya. - Minsk: Higher School, 2019. - 287 p.: ill. - ISBN 978-985-06-2432-1.- <http://znanium.com/go.php?id=509593>

5. Surgical diseases. In 2 volumes. Volume 2 [Electronic resource] / Merzlikin N.V., Brazhnikova N.A., Alperovich B.I., Tskhai V.F. - M.: GEOTAR-Media, 2019. - 600c. <http://www.studmedlib.ru/book/ISBN9785970434574.html>

6. Propaedeutics of internal diseases [Electronic resource]: textbook / Mukhin N.A., Moiseev V.S. - 2nd ed., add. and reworked. - M. : GEOTAR-Media, 2020. - <http://www.studmedlib.ru/book/ISBN9785970434703.html>

#### additional literature

1. Obstetrics: a textbook for medical students. Universities Ed. G.M. Savelyeva. - Medkniga-service, Moscow, 2020 - 295s.

2. [http://lib.dvfu.ru:8080/lib/item?id=Geotar:/usr/vtls/ChamoHome/visualizer/data\\_geotar/geotar.xml.part1820..xml&theme=FEFU](http://lib.dvfu.ru:8080/lib/item?id=Geotar:/usr/vtls/ChamoHome/visualizer/data_geotar/geotar.xml.part1820..xml&theme=FEFU)

3. Internal diseases: a textbook for medical students. universities: in 2 volumes with a CD / Ed. ON THE. Mukhina, V.S. Moiseeva, A.I. Martynov. - M.: GEOTAR-Media, 2021. - 198s.

4. <http://lib.dvfu.ru:8080/lib/item?id=chamo:781664&theme=FEFU>

5. Internal diseases: textbook - 6th ed., corrected. and additional / Ed. IN AND. Makolkina, S.I. Ovcharenko. - M.: Medicine, 2019. - 204p. [/http://lib.dvfu.ru:8080/lib/item?id=Geotar:/usr/vtls/ChamoHome/visualizer/datageotar/geotar.xml.part1818..xml&theme=FEFU](http://lib.dvfu.ru:8080/lib/item?id=Geotar:/usr/vtls/ChamoHome/visualizer/datageotar/geotar.xml.part1818..xml&theme=FEFU)

6. Surgical diseases: textbook./ ed. V.N. Merzlikina, N.A. Brazhnikov. - M.: GEOTAR-Media, 2018. - 225p. <http://oblmed.nsk.ru/files/Protocol.pdf>

7. Obstetrics [Electronic resource]: textbook. allowance / S.N. Zanko [and others]; ed. S.N. Zanko, L.E. Radetzka. - Minsk: Vysh. school, 2019. - 734 p.: ill. - ISBN 978-985-06-2171-9- <http://znanium.com/go.php?id=508677>

8. Obstetrics [Electronic resource] / Dzigua, M.V. - M.: GEOTAR-Media,. - 2019. - 304 p. <http://www.studmedlib.ru/book/ISBN9785970421062.html>

9. Protasova T.V. Brief guide to practical exercises in propaedeutics of internal diseases. – Kemerovo State Medical Academy.

10. - <http://lib.dvfu.ru:8080/lib/item?id=IPRbooks:IPRbooks-6141&theme=FEFU>

11. Clinical electrocardiography: a guide for doctors / I. I. Isakov, M. S. Kushakovsky, N. B. Zhuravleva. - Leningrad: Medicine, 2019. - 295p. -

12. Surgical diseases [Electronic resource] / Chernousov A.F., Vetshev S.P., Egorov A.V. / Ed. A.F. Chernousova - M. : GEOTAR-Media, 2010. - 664c. - <http://www.studmedlib.ru/book/ISBN9785970412787.html>

13. Shirinbek, O. Adhesive obliteration of the main saphenous veins: a guide for doctors / Olimi Shirinbek. - Moscow: GEOTAR-Media, 2022. - 48 p. - ISBN 978-5-9704-7103-6. - Text: electronic // URL: <https://www.rosmedlib.ru/book/ISBN9785970471036.html>

14. Akhmedov V.A. Emergency care for diseases of internal organs - Scientific Research Center INFRA-M LLC. -

<http://lib.dvfu.ru:8080/lib/item?id=Znanium:Znanium-65510&theme=FEFU>

1. Federal Law of November 21, 2011 N 323-FZ "On the fundamentals of protecting the health of citizens in the Russian Federation".

2. Regulations on the organization of the provision of primary health care to the adult population, order of the Ministry of Health and Social Development of the Russian Federation dated May 15, 2012 N 543n.

3. Order of the Ministry of Health of the Russian Federation No. 923n dated November 15, 2012

The procedure for providing medical care to the adult population in the profile "Therapy".

4. Order of the Government of the Russian Federation "On approval of the action plan for the implementation of the state policy of the Russian Federation in the field of a healthy lifestyle for the period up to 2020" dated June 30, 2012 No. 1134-r.

5. Order of the Ministry of Health of the Russian Federation dated 03.02.2015 No. 36 en "On approval of the procedure for medical examination of certain groups of the adult population".

6. Order of the Ministry of Health of Russia dated December 21, 2012 N 1344n "On approval of the Procedure for dispensary observation."

7. GOST 7.32 - 2001 "Research report. Structure and rules of registration.

8. GOST 7.1 - 2003 "Bibliographic record. Bibliographic description. General requirements and rules for drafting.

9. GOST 7.0.5 - 2008 "Bibliographic reference. General requirements and rules for drafting.

List of resources of the information and telecommunication network "Internet"

World Health Organization: <http://www.who.int/ru>

2. "Consultant plus" <http://www.consultant.ru>

3. [www.mma.ru](http://www.mma.ru) - the official website of the Moscow Medical Academy. Sechenov.

4. <http://fgou-vumc.ru/fgos/fgosvpo.php>. - the official website of VUNMC Roszdrav.

5. [www.geotar.ru](http://www.geotar.ru) - the official website of the publishing house "GEOTAR-Media".

#### **Electronic versions of journals:**

1. "Consilium medicum" [http://www.consilium-medicum.com /media/ consilium](http://www.consilium-medicum.com/media/consilium)

2. Bulletin of Evidence-Based Medicine [http://www.evidence-update. en/](http://www.evidence-update.en/)

3. "Attending physician" <http://www.lvrach.ru/>

4. "Russian Journal of Gastroenterology, Hepatology, Coloproctology" <http://www.m-vesti.ru/rggk/rggk.html>

5. Pacific Medical Journal <http://lib.vgmu.ru/journal/?name=pmj>



6. Russian Journal of Cardiology [cardiosite.ru](http://cardiosite.ru), [athero.ru](http://athero.ru), [osn.ru](http://osn.ru), [angiography.ru](http://angiography.ru)
7. "Russian Medical Journal" <http://www.rmj.ru>
8. "Difficult patient" <http://www.t-pacient.ru>

### List of information technologies and software

The location of the computer equipment on which the software is installed, the number of jobs	Software List
690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10. Building M, computer class of the School of Medicine, room M723, 15 jobs	<p>Microsoft Office Professional Plus 2010; an office suite that includes software for working with various types of documents (texts, spreadsheets, databases, etc.);</p> <p>- 7Zip 9.20 - free file archiver with a high degree of data compression;</p> <p>- ABBYY FineReader 11 - a program for optical character recognition;</p> <p>- Adobe Acrobat XI Pro is a software package for creating and viewing electronic publications in PDF format;</p> <p>- ESET Endpoint Security - comprehensive protection of workstations based on Windows OS. Virtualization support + new technologies;</p> <p>- Google Chrome.</p>
690922, Primorsky Territory, Vladivostok, Russky Island, Ajaks, 10, building A - level 10, Reading rooms of the FEFU Scientific Library with open access to the fund	<p>Microsoft Office Professional Plus 2010; офисный пакет, включающий программное обеспечение для работы с различными типами документов (текстами, электронными таблицами, базами данных и др.);</p> <p>– 7Zip 9.20 - свободный файловый архиватор с высокой степенью сжатия данных;</p> <p>– ABBYY FineReader 11 - программа для оптического распознавания символов;</p>

	<ul style="list-style-type: none"> <li>– Adobe Acrobat XI Pro – пакет программ для создания и просмотра электронных публикаций в формате PDF;</li> <li>– ESET Endpoint Security - comprehensive protection of workstations based on Windows OS. Virtualization support + new technologies;</li> <li>- Google Chrome.</li> </ul>
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## 11. LOGISTICS AND TECHNICAL SUPPORT OF TRAINING PRACTICE

During the internship, as well as for the organization of independent work, students have access to the following laboratory equipment and specialized rooms that comply with current sanitary and fire safety standards, as well as safety requirements for educational work. Statistical reports, archival materials of the practice base. It is important to familiarize the student with the electronic legal bases "Garant", "Consultant Plus".

Name of equipped premises for independent work	List of main equipment
690922, Primorsky Territory, Vladivostok, Russian island, Ajax settlement, 10  FEFU Medical Center  Surgery Center, Therapy Center	Mono- and bipolar electrosurgical instruments for electrosurgical devices, Endoscopic equipment with accessories, Endoscopic instruments with accessories (arthroscopic set), "Instrument kit for ventriculoscopy", Sterilization round boxes with KF-3 filters, Microprocessor-based freezer with sound and light alarm, Set for small neurosurgery sterilizer BINDER GD 53 bactericidal closed type, Reusable skin stapler SKM-1 (extractor), Patient warmer WarmTouch 5900, Trolley for placing containers, Apparatus for long-term drainage with accessories (Surgical electric pump), Reocor external pacemaker with accessories, SCHILLER electrocardiographs: CARDIOVIT AT- 2, mod.: plu, s, Metpak pressure infusion set 500 ml, Bronchial suction with accessories (Electric bronchial suction), Intubation set; (laryngoscope, blades, charger),  Manometer for measuring intracuff pressure multiple times. Applications, Electric functional resuscitation bed, Medical

	<p>trolley for transporting patients Emergo 6230, Temporary external pacemaker Pace T20</p> <p>Pharmaceutical refrigerators KhF-400 "POZIS", Electronic digital thermometer, Mechanical tonometer IAD-01-1E, Thermometer for van, Non-contact thermometer NF-3101, Intrahospital 2-tier small trolley, tray depth 20 mm (stainless steel), Rack infusion mobile medical - on 5 wheels, Sterilizer-heater B.Well Kids WK-140 d/bottle 2in1, Wall-mounted medical system for gas supply Linea with accessories, Pulse oximeter MD300 C 1 , Devices for measuring blood pressure UA-200 with accessories, Bioocular ophthalmoscope indirect with diffusion filter 12500-D, Oscopes with accessories model: BETA 200; Sanitary stretcher, Kidney-shaped stainless tray, Kidney-shaped stainless tray, Medical electric bed Hill-Rom © 900 with accessories, Inhaler for aerosol therapy with accessories (Flowmeter for oxygen), Inhaler (nebulizer) Omron Comp Air NE-C24-Kids compress pack p / e No. 1, Elbow wall dispenser DU-010 BelAseptika, GLUKOMETER ACUCHEK AKTIV, Floor medical electronic scales VMEN-150-50 / 100A, Devices for spirometry and pulse oximetry MIR, mod.: Spirodoc with accessories, Medical stethoscopes, models: KaWe-Standart-Prestige (Stethophonendoscopes), Electroneurostimulator Stimuplex HNS 12</p>
<p>Reading rooms of the FEFU Scientific Library with open access to the fund (building A - level 10)</p>	<p>HP ProOpe 400 All-in-One 19.5 (1600x900), Core i3-4150T, 4GB DDR3-1600 (1x4GB), 1TB HDD 7200 SATA, DVD+/-RW, GigEth, Wi-Fi, BT, usb kbd/ mse, Win7Pro (64-bit)+Win8.1Pro(64-bit), 1-1-1 Wty Internet access speed 500 Mbps. Workplaces for people with disabilities are equipped with Braille displays and printers; equipped with: portable devices for reading flat-print texts, scanning and reading machines, a video enlarger with the ability to regulate color spectra; magnifying electronic loupes and ultrasonic markers</p>

In order to provide special conditions for the education of people with disabilities and people with disabilities in FEFU, all buildings are equipped with ramps, elevators, lifts, specialized places equipped with toilets, information and navigation support signs.



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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**EVALUATION FUND**

**Educational Training. Primary Research Training**

Specialty 31.05.01 «General medicine»

**Form of study: full time**

## 1. Шкала оценивания сформированности компетенций

Planned learning outcome (code and wording of planned practice results)	The stage of competence formation, implemented within the framework of practice	Assessment	Criteria	
GPC-11.1 - is able to search and select scientific, regulatory, legal and organizational and administrative documentation in accordance with the set goals, their analysis and application to solve professional problems GPC-11.2 - Readiness for the analysis and public presentation of medical information based on evidence-based medicine	2 (базовый)	Knows: basic and special foundations of natural science and professional knowledge for solving applied problems; principles of evidence-based medicine.	Y/N	
		Able to: search for theoretical, scientific information; present materials of their own research; to study independently and continuously improve their qualifications throughout the entire period of professional activity.	Y/N	
		Owns: methods of obtaining professional knowledge from original sources, incl. electronic; the skills of writing a scientific and practical text, the skills of scientific public speaking and conducting scientific discussions.	Y/N	
GPC-11.3 - Ability to participate in scientific research	2 (базовый)	Knows: Methods of studying scientific-medical and paramedical information.	Y/N	
Able to: work effectively individually and in a group, be responsible for the results of work; analyze domestic and foreign experience on the research topic.				
Owns: the ability to independently plan scientific work, organize the search for the necessary information, choose the best research methods, carry out research on the topic of research.				
PC-16.2 - readiness to participate in the introduction of new methods and techniques aimed at protecting health	2 (базовый)	Knows: the basic principles of organization and management in the field of protecting the health of citizens, in medical organizations and their structural divisions.	Y/N	
		Basic principles of organization and management in the field of public health protection.		
		Able to: apply the basic principles of organization and management in the field of protecting the health of citizens, in medical organizations and their structural divisions; apply the basic principles of		

		organization and management in the field of protecting the health of citizens.	
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Evaluation scale if 5 indicators are selected:

if there are 3 out of 5 (60%) positively evaluated indicators, the mark "satisfactory" is set,

if 4 out of 5 (80%) - "good",

if 5 out of 5 (100%) - "excellent",

if less than 3 out of 5 (less than 60%) - "unsatisfactory".

The final mark can be displayed as the arithmetic mean of marks for all assessed competencies (competency elements).

## **2. Evaluation tools**

**to control the results of mastering the module of educational practice B2.O.07 (U) "Research work"**

The main result and form of reporting on the results of the student's mastering the module of educational practice "Research work" is the Diary of educational practice (Appendix 2) and the "Research report" (Appendix 3).

In cases where the student participated in student scientific societies with the implementation of individual research work during the academic year, a copy of the student's publication from the collection, a copy of the conference program with the student's speech, a winner certificate or participant in a scientific competition.

## **3. Typical tasks**

### **Approximate topics of research papers of students:**

1. Analysis of the prevalence of individual risk factors among the attached population of the polyclinic according to the clinical examination data.

2. Arterial hypertension as a risk factor: effectiveness of detection during clinical examination, routing of patients with diagnosed arterial hypertension.

3. Early diagnosis of risk factors "dyslipidemia" and "hyperglycemia" in the process of clinical examination. Diagnosis frequency, patient routing tactics.

4. The prevalence of smoking as a risk factor among the attached population according to the data of a medical organization, coverage of smoking cessation

measures, effectiveness.

5. Characteristics of hypodynamia and malnutrition as risk factors according to the questionnaire during medical examination, methods of correction.

6. Analysis of the effectiveness of medical examination of the population according to the data of the polyclinic, on the basis of which the study is being conducted.

7. Completeness of medical examination coverage of the adult population according to the medical organization on the basis of which the study is being conducted. Problems of attracting the population to undergo medical examination.

8. Rehabilitation of patients after myocardial infarction in the clinic, coverage analysis, effectiveness methodology.

9. Analysis of the health status of the attached population based on the results of clinical examination (health groups).

10. Individual in-depth preventive counseling of citizens with group II and IIIa health status, coverage according to polyclinic data, methodology.

11. Group preventive counseling (school of the patient) for people with chronic diseases, people with a high total cardiovascular risk, coverage analysis according to polyclinic data, methodology.

12. Characteristics of the work on the implementation of palliative care to the population of Vladivostok, attached to the therapeutic area.

13. Analysis of the effectiveness of the correction of modifiable risk factors in persons under dispensary observation.

14. Evaluation of the effectiveness of dispensary observation of persons in therapeutic areas according to certain criteria.

15. Analysis of the achievement of target values of blood pressure in persons under dispensary observation.

16. Analysis of the causes of temporary disability in an outpatient clinic (for therapeutic pathology).

17. Analysis of the causes of permanent disability in an outpatient clinic (for therapeutic pathology).

And other topics, the content of which is aimed at analyzing the actual problems of modern healthcare.

The implementation of one research topic can be carried out both individually and in a group format (as a rule).

The research topic is selected individually together with the supervisor immediately before the start of the internship "Research work".





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**SCHOOL OF BIOMEDICINE**

Department of Clinical Medicine

**DIARY**

**Educational Training. Primary Research Training»**

Student \_\_\_\_\_

6 course \_\_\_\_\_ group \_\_\_\_\_ faculty

Place of internship \_\_\_\_\_

from \_\_\_\_\_ to \_\_\_\_\_

Head of practice (teacher) \_\_\_\_\_

Grade for practice \_\_\_\_\_

20/20 academic year

Vladivostok

20\_\_

Topic of research work:

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The list of practical skills mastered by the student in the framework of educational practice B2.O.07 (U) "Research work"

№	Practical skills, abilities	Required amount	Actual Execution
1	Skills for conducting literary and information search, compiling a list of references on the research problem, designing in accordance with GOST	1	
2	Skills in working with literature, regulations, other sources of information on the topic of research (study and critical analysis)	1	
3	Skills to participate in the planning and organization and conduct of scientific research on the topic	1	
4	Participation skills in the selection of relevant research methods and techniques that correspond to the purpose and objectives of the study	1	
5	Skills of collecting research material using general clinical and special research methods in accordance with the student's research topic	1	
6	Skills in choosing methods for processing the results obtained, skills in mathematical and statistical data processing	1	
7	Skills of systematization and analysis of primary data obtained during the study using statistical methods	1	
8	Skills of analysis and description of the results obtained during the study based on statistics, literature data, legal documents	1	
9	Skills in preparing and designing research paper materials for publication (speech)	1	

The content of the Report on educational practice B2.O.07 (U) "Research work" is stored at the department.

If available, copies of the student's publication from the collection, a copy of the conference program with the student's speech, a certificate of the winner or participant in a scientific competition are attached to the summary report

## **Review of the head of educational practice**

Signature of the head of training practice