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F – Educational plan of practice		

by the decision of the Academic Council of the USU Institute of Medicine, Ecology and Physical Culture 16«05» 2024. Record № 9/260 Chairman

> (Signature, Name) «16» May 2024

#### **EDUCATIONAL PLAN OF PRACTICE**

# «Practice for obtaining professional skills and experience of professional activity in the positions of nursing staff»

Practice	Practice for obtaining professional skills and experience of professional activity in the positions of nursing staff
Method and Form	Stationary; discrete
Name of department	Propedeutics of internal diseases; General and operative surgery with topographic anatomy and the course of dentistry
Course	3

Direction (specialty) 31.05.01 General medicine (specialty level)

(code of direction (specialty), full name)

Orientation (profile) \_\_not provided\_\_\_

Form of training \_ \_ full-time\_\_\_\_\_

Revised at the Department meeting, Record No.	of	~	»	20
Revised at the Department meeting, Record No.	of	«	»	20
Revised at the Department meeting, Record No.	of	«	»	20
Revised at the Department meeting, Record No.	of	«	»	20

Information about developers:

Full name	Abbreviation of Department Academic, degree, title
Makarov S.V.	General and operative surgery with PhD, senior Lecturer topographic anatomy and the course of dentistry

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# 1. Goals and objectives of mastering the discipline

The goal is the acquisition of general professional competencies necessary for the implementation of the activities of a procedural nurse. Tasks - to master the methods: maintenance of medical records of a procedural nurse; invasive parenteral use of drugs; provision of primary pre-medical care; the use of medical devices provided for by the procedures for the provision of medical care

# 2. Place of practice in the structure of MPEP HE (HPE)

The program -industrial practice "Practice for obtaining professional skills and experience of

**professional activity in the positions of nursing staff**" is compiled in accordance with the Federal State Educational Standard of higher education in the field of training 31.05.01 Medical business (specialty level) and belongs to block 2 "Practices".

The industrial practice "Practice for obtaining professional skills and experience of professional activity in the positions of nursing staff" is conducted in the 6th semester (course 3).

The practice of obtaining professional skills and professional experience in the positions of secondary medical personnel is preceded by.

Educational practice "Assistant nurse" - 6-semester (course 3); Educational practice "Patient care of therapeutic profile" - 2 semester (1st year), Educational practice "Patient care of surgical profile" - 2 semester (1st year), Educational introductory practice -4 semester (2nd year) and "Diagnostic practice" - 5 semester (3rd year), as well as production practices "Assistant junior medical staff" - 2 semester (course 1) and "Assistant ward nurse" - 4 -semester (course 2).

And the production practice "Practice for obtaining professional skills and experience of professional activity in the positions of secondary medical personnel" - 6 semester (course 3) is the basis for other practices "Practice for obtaining professional skills and experience of professional activity in the positions of nursing staff" - 6 semester (course 3); "Practice for obtaining primary professional skills and skills of a doctor of an inpatient institution" - 8 semester (4th course) and "Assistant doctor of an inpatient institution" - 10 semester (5th course).

# **3.** List of planned learning outcomes during internship, correlated with the planned results of the development of the MPEP

Practice for obtaining professional skills and experience of professional activity in the positions of nursing staff

Competence index. Content of a	The proposed results of the course students
competence	are:
(or a part of it)	
GPC-4	ID-1 OPK4
Able to use medical devices provided for by the procedure for the provision of medical care, as well as conduct examinations of a patient in order to establish a diagnosis	Know: the basics of the legislation of the Russian Federation on the protection of public health, the main regulatory and technical documents; basic principles of management and organization of medical care to the population; organization of medical control over the state of health of the population, issues of examination

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of disability and medical and legal assistance to the population; etiology, pathogenesis and preventive measures for the most common diseases; modern classification of diseases; clinical picture, characteristics of the course and possible complications of the most common diseases occurring in a typical form in different age groups; diagnostic methods, diagnostic capabilities of methods of direct examination of a patient of a therapeutic, surgical and infectious profile, modern methods of clinical, laboratory instrumental examination of patients (including endoscopic, radiological methods of ultrasound diagnostics); criteria for the diagnosis of various diseases; clinical and pharmacological characteristics of the main groups of drugs and the rational choice of specific drugs in the treatment of the main pathological syndromes of diseases and emergency conditions in patients, including the basics of anti-doping legislation; procedures for the provision of medical care for the main diseases of the therapeutic, surgical, obstetricgynecological and other profiles.

# ID-2 OPK4

Be able to: plan, analyze and evaluate the quality of medical care, determine the status of the patient: collect anamnesis, interview the patient and / or his relatives, conduct a physical examination of the patient (examination. palpation, auscultation, blood pressure measurement, determination of the properties of the arterial pulse, etc.) .); assess the patient's condition in order to make a decision on the need to provide him with medical care; to conduct a primary examination of systems and nervous. endocrine. immune. organs: respiratory, cardiovascular, blood and hematopoietic organs, digestive, urinary. reproductive, musculoskeletal and joints, eyes, ear, throat, nose; to set priorities for solving the patient's health problems: critical (terminal) condition, condition with pain syndrome, condition with chronic disease, condition with infectious disease. disability, geriatric problems; to make a preliminary diagnosis - to synthesize information about the patient in order to determine the pathology and the

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<b>PC-1</b> Readiness to participate in the provision of emergency medical care in conditions requiring urgent medical attention	reasons that cause it; outline the volume of additional studies in accordance with the prognosis of the disease, to clarify the diagnosis and obtain a sufficient result; formulate a clinical diagnosis; develop a plan of therapeutic (surgical) actions, taking into account the course of the disease and its treatment; formulate indications for the chosen method of treatment, taking into account etiotropic and pathogenetic agents, substantiate pharmacotherapy in a particular patient with major pathological syndromes and emergency conditions, determine the route of administration, regimen and dose of drugs, assess the effectiveness and safety of the treatment; apply various methods of drug administration. ID-3 OPK4 Possess: Possess the methods of using medical devices in the diagnosis and treatment of therapeutic patients Know: the main causes of conditions requiring urgent medical intervention in obstetric gyneecological, therapeutic and surgical practice, their differential diagnosis, as well as the tactics of emergency medical care in such conditions. To be able to: provide emergency medical care in conditions requiring urgent medical intervention, in obstetric-gynecological, therapeutic and surgical practice. Own: algorithms for providing emergency medical care in obstetric gyneecological, therapeutic and surgical practice.
<b>PC-2</b> Readiness to collect and analyze patient complaints, data from his anamnesis, examination results, laboratory, instrumental, pathological and anatomical and other studies in order to recognize a condition or establish the presence or absence of a disease	Know: diagnostic methods, diagnostic capabilities of methods of direct examination of a patient of a therapeutic, surgical and obstetric-gynecological profile; modern methods of clinical, laboratory, instrumental examination of patients (including endoscopic, radiological methods, ultrasound diagnostics). Be able to: determine the patient's status: collect anamnesis, interview the patient

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examination of palpation, ause primary exam organs: respirat and hematopo endocrine and u of additional stu prognosis of the diagnosis and of Own: methods examination (c) palpation, pero diseases of inter-	tives, conduct a physical he patient (examination, ltation); to conduct a ation of systems and ry, cardiovascular, blood etic organs, digestive, inary; outline the volume ies in accordance with the a disease, to clarify the ain a reliable result. If general clinical objective testioning, examination, ssion, auscultation) for nal organs; interpretation aboratory, instrumental ods for pathology of

### 4. Place and dates of the practice

Production practice "" is carried out at the following clinical bases:

1. Public health Agency Ulyanovsk regional clinical hospital

2. State healthcare institution "Central clinical mediko- sanitary part of a name of V. A. Egorov 3. Public health Agency Ulyanovsk regional clinical center of specialized types of medical care named by Chuchkalov E.M.

- 4. State healthcare institution "Central city clinical hospital"
- 5. Public health Agency Ulyanovsk regional clinical cancer center
- 6. Public health Agency Ulyanovsk regional clinical Hospital of Veterans of Wars
- 7. Simulation Center for Medical Modeling

Date: 6 semester of 3 course.

### 5. Content of Practice

Total volume	of practice	Duration of practice
Credit units	Hours	Weeks
3	108	2
contact information	12	
INDEPENDENT WORK	96	

If it is necessary to use partially or exclusively distance learning technologies in the educational process, it should be noted that the total number of hours (c.u.) set by the Department of discipline/specialty for each discipline/practice remains unchanged and is implemented in full. In this case, in the corresponding section of the educational program the total number of hours of work

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with students in accordance with the educational plan is allocated and the number of hours for conducting classes in a remote format using e-learning (online courses, lectures and seminars in videoconference mode, virtual practical classes, laboratory work in the form of virtual analogues, calculation and graphic works, individual tasks in the electronic information and educational environment, etc.) Training and industrial practice for all areas of discipline/specialties of all forms of training can be partially or fully implemented in a remote format.

# 6. The structure and Workload

Nº	Name of sections	The form of practice, including independent work	Quantity of Hours	The volume of hours of the contact work of the student with the teacher	The form of control
	•	I. Preparatory stage	e of practice		
1	Briefing on of the diary	Briefing on safety Control	of safety 4 the	filling	
		II. Production	n stage		
1	Administrati on of the medical documentati on	Medical documentation procedural nurse (sheet prescribing, log-book of strong and narcotic drugs).	24		Control of the filling of the diary, check-lists
2	Invasive	General rules for the use of	28		Control of
	parenteral ways of introduction of drugs	medicines. Methods of administration of medicine. The collection of syringes, making medicines from vials, collection of IVS. In/m, subcutaneous, intravenous, intravenous injection, drip medicines. Complications of injections. Principles of first aid in Development of practical skills training center of medical technology. anaphylactic shock.			the filling of the diary, check-lists

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3	General care of the patients and first aid	First aid for bronchial asthma attack, pulmonary bleeding, hypertensive crisis, gastric bleeding, cardiac asthma, collapse, pains in the abdomen, heart attack	28		Control of

		0		
		medical technology.		check-lists
4	preparing to use medical devices provide primary	Blood pressure measurement. Study of arterial pulse and counting the frequency of respiratory movements. Urinary bladder cauterization	24	Control of
	prehospital health care	Development of practical skills training center o medical technology.		the filling of the diary, check-lists
	Total		108	

Development of practical

skills training center of

If it is necessary to use partially or exclusively remote educational technologies in the educational process, the table shows the number of hours of work of teaching staff with students for conducting classes in a remote format using e-learning.

# 7. Research and production technologies used in practice

This type of work is not provided for by the CURRICULUM

# 8. Forms of intermediate certification based on the results of practice

# Differentiated credit

Differentiated credit is carried out on the basis of current control of the implementation of individual tasks by monitoring the activities of the student during the internship, analyzing the reporting documents confirming the fulfillment of all tasks in accordance with the PP, assessing the formation of all competencies in production practice, using foS in practice.

### LIST OF PRACTICAL SKILLS

N⁰	Name of the skill
1.	Administration of the medical documentation procedural nurse
2.	Intradermal injection
3.	Subcutaneous injection
4.	Intramascular injection

the filling

of the

diary,

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### 9. Educational-methodical and information support of practice

# «Practice for obtaining professional skills and experience of professional activity in the positions of nursing staff»

#### a) List of recommended literature:

Core reading:

1. Gostishchev Victor Kuzmich. General surgery / The manual. - М. : GEOTAR-Media, 2019. - 220 р. - 220 с. - ISBN 978-5-9704-4984-4. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : <u>https://www.studentlibrary.ru/book/ISBN9785970449844</u>

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2 Kruchkova, A. V. Care for Surgical Patients / A. V. Kruchkova, Yu. V. Kondusova, I. A. Poletayeva and others; edited by A. V. Kruchkova. - Москва : ГЭОТАР-Медиа, 2020. - 144 с. - ISBN 978-5-9704-5664-4. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : https://www.studentlibrary.ru/book/ISBN9785970456644.html

#### Supplementary reading:

1 Oslopov, V. N. General Care of a Patient : tutorial / V. N. Oslopov, O. V. Bogoyavlenskaya. -Moscow : GEOTAR-Media, 2021. - 208 р. : il. - 208 с. - ISBN 978-5-9704-6042-9. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : https://www.studentlibrary.ru/book/ISBN9785970460429.html

2. Ostrovsky V. K. The general care per surgical patients with elements of first-aid treatment at sharp surgical diseases and injuries : educational and methodical edition for students of 1 course in "Medical business" and "Pediatrics" / V. K. Ostrovsky; translated by D. N. Isaev; Ulyanovsk State University, Insitute of Medicine, Ecology and Physical culture. - Ulyanovsk : UlSU, 2015. - На англ. яз.; Загл. с титул. экрана; Электрон. версия печ. публикации. - Электрон. текстовые дан. (1 файл : 121 Кб). - Текст : электронный. http://lib.ulsu.ru/MegaPro/Download/MObject/3

#### **Educational-methodical reading:**

1.Smirnova A. Yu. Methodical instructions for the practical work of students on the organization and conduct of clinical practice «Practice for obtaining professional skills and experience of professional activity in the positions of nursing staff» for specialty 31.05.01 «General medicine» / Smirnova A. Yu., S. V. Makarov. - Ulyanovsk : UISU, 2021. - Неопубликованный ресурс; На англ. яз. - URL: <u>http://lib.ulsu.ru/MegaPro/Download/MObject/11205</u>. - Режим доступа: ЭБС УлГУ. - Текст : электронный.

2.Smirnova A. Yu. Methodical instructions for the independent work of students on the organization and conduct of clinical practice «Practice for obtaining professional skills and experience of professional activity in the positions of nursing staff» for specialty 31.05.01 «General medicine» / Smirnova A. Yu., S. V. Makarov. - Ulyanovsk : UISU, 2021. - Неопубликованный ресурс; На англ. яз. - URL: <u>http://lib.ulsu.ru/MegaPro/Download/MObject/11206</u>. - Режим доступа: ЭБС УлГУ. - Текст : электронный.

AGREED:

Leading specialist\_\_\_/ Stadolnikova D.R. /

/ 2024

### d) Software:

SPS Consultant Plus, NEL RF, The electronic library system IPRBooks AILS "Megapro", System " Antiplagiat.HIGHER EDUCATIONAL» Microsoft Windows, Microsoft Office 2016, ""My Office Is Standard» Automated information system "Vitakor RMIS», Academic Basic Statistica for Windows 13

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Профессиональные базы данных, информационно-справочные системы

#### 1. Электронно-библиотечные системы:

1.1. Цифровой образовательный pecypc IPRsmart : электронно-библиотечная система : сайт / ООО Компания «Ай Пи Ар Медиа». - Саратов, [2024]. – URL: http://www.iprbookshop.ru. – Режим доступа: для зарегистрир. пользователей. - Текст : электронный.

1.2. Образовательная платформа ЮРАЙТ : образовательный ресурс, электронная библиотека : сайт / ООО Электронное издательство «ЮРАЙТ». – Москва, [2024]. - URL: <u>https://urait.ru</u>. – Режим доступа: для зарегистрир. пользователей. - Текст : электронный.

1.3. База данных «Электронная библиотека технического ВУЗа (ЭБС «Консультант студента») : электронно-библиотечная система : сайт / ООО «Политехресурс». – Москва, [2024]. – URL: <u>https://www.studentlibrary.ru/cgi-bin/mb4x</u>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.4. Консультант врача. Электронная медицинская библиотека : база данных : сайт / ООО «Высшая школа организации и управления здравоохранением-Комплексный медицинский консалтинг». – Москва, [2024]. – URL: <u>https://www.rosmedlib.ru</u>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.5. Большая медицинская библиотека : электронно-библиотечная система : сайт / ООО «Букап». – Томск, [2024]. – URL: <u>https://www.books-up.ru/ru/library/</u>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.6. ЭБС Лань : электронно-библиотечная система : сайт / ООО ЭБС «Лань». – Санкт-Петербург, [2024]. – URL: https://e.lanbook.com. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.7. ЭБС Znanium.com : электронно-библиотечная система : сайт / ООО «Знаниум». - Москва, [2024]. - URL: <u>http://znanium.com</u>. – Режим доступа : для зарегистрир. пользователей. - Текст : электронный.

**2.** КонсультантПлюс [Электронный ресурс]: справочная правовая система. / ООО «Консультант Плюс» - Электрон. дан. - Москва : КонсультантПлюс, [2024].

**3.** eLIBRARY.RU: научная электронная библиотека : сайт / ООО «Научная Электронная Библиотека». – Москва, [2024]. – URL: http://elibrary.ru. – Режим доступа : для авториз. пользователей. – Текст : электронный

**4.** Федеральная государственная информационная система «Национальная электронная библиотека» : электронная библиотека : сайт / ФГБУ РГБ. – Москва, [2024]. – URL: https://нэб.рф. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.

**5.** Российское образование : федеральный портал / учредитель ФГАУ «ФИЦТО». – URL: http://www.edu.ru. – Текст : электронный.

**6.** Электронная библиотечная система УлГУ : модуль «Электронная библиотека» АБИС Мега-ПРО / ООО «Дата Экспресс». – URL: http://lib.ulsu.ru/MegaPro/Web. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.

Инженер ведущий

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**10.** Logistics of the practice

Premises for training practice " **Practice for obtaining professional skills and experience of professional activity in the positions of nursing staff** ", located on clinical bases:

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1. 4320028, Ulyanovsk region, Ulyanovsk, Zasviyazhsky district, Likhacheva str., 12 State HealthCare Institution "Central Clinical Medical and Sanitary Unit named after V.A. Egorov (Contract of gratuitous use of property).

2. 432071, Ulyanovsk region, the city of Ulyanovsk, Ryleeva Street, No. 30/30 State HealthCare Institution "Ulyanovsk Regional Clinical Center for Specialized Types of Medical Care named after Honored Doctor of Russia E.M. Chuchkalov" (Contract for the free use of property).

3. 432020, Ulyanovsk region, Ulyanovsk, Kuznetsova str., 26 State Healthcare Institution "Ulyanovsk Regional Clinical Hospital of War Veterans" (Contract of gratuitous use of property).

4. 432017, Ulyanovsk region, Ulyanovsk, 12th September street, 90, State HealthCare Institution Ulyanovsk Regional Clinical Oncology Dispensary (Contract of gratuitous use of property).

5. 432017, Ulyanovsk region, Ulyanovsk, 12th September street, 90, State HealthCare Institution Ulyanovsk Regional Clinical Oncology Dispensary (Contract of gratuitous use of property).

6. 432057, Ulyanovsk region, Ulyanovsk, Orenburgskaya str., 27 State Healthcare Institution "Central City Clinical Hospital" (Contract of gratuitous use of property).

7. Simulation Center for Medical Modeling. University

### 11. Special conditions for students with disabilities and disabled people

Students with disabilities and persons with disabilities undergo practice together with other students (in the training group) or individually (at the personal request of the student). Determination of places of practice for students with disabilities and disabled persons is carried out taking into account the state of health and the requirements for their accessibility for this category of students. When determining the places and conditions (taking into account the nosological groups and the disability group of the student) of the passage of educational and production practices for this category of persons, the individual characteristics of students are taken into account, as well as the recommendations of the medical and social expertise reflected in the individual rehabilitation program regarding the recommended conditions and types of work. When determining the place of practice for students with disabilities and disabled people, special attention is paid to occupational safety and equipment (equipment) of the workplace. Jobs for practice are provided by the profile organization in accordance with the following requirements: for students with disabilities and visually impaired - visually impaired: equipping a special workplace with general and local lighting, ensuring the unimpeded presence of the specified person of his workplace and the performance of an individual task; availability of video magnifiers, magnifiers;

**for students with disabilities and visually impaired - blind:** equipping a special workplace with typhlotechnical landmarks and devices, with the possibility of using a large relief-contrast font and Braille, acoustic navigation aids that ensure the unimpeded finding of the specified person of his workplace and the performance of an individual task;

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**for students with disabilities and hearing impaired - hearing impaired:** equipping (equipment) of a special workplace with sound amplifying equipment, telephones for the hearing impaired;

**for students with disabilities and hearing impaired - deaf:** equipping a special workplace with visual indicators that convert sound signals into light, speech signals into a text running line, for the unimpeded finding of the specified person of his workplace and performing an individual task;

**for students with disabilities and disabled people with impaired functions of the musculoskeletal system:** equipment that ensures the implementation of ergonomic principles (the most convenient for a disabled person arrangement of elements that make up the workplace); mechanisms and devices that allow you to change the height and inclination of the working surface, the position of the seat of the working chair in height and inclination, the angle of inclination of the back of the working chair; equipping with a special seat that provides compensation for force when standing, special devices for controlling and maintaining this equipment.

Conditions for the organization and passage of practice, preparation of reporting materials, conducting current control and intermediate certification of practice are provided in accordance with the following

#### uirements:

- Volume, rate, forms of performance of an individual task for the period of practice are established individually for each student of the specified categories. Depending on the nosology, contraindicated (visual, sound, muscle and other) loads are maximally reduced.

- Educational and teaching materials on practice are presented in various forms so that students with disabilities and disabilities with hearing impairments receive information visually (documentation on practice is printed in large print; video materials and visual materials on the content of the practice are provided), with visual impairment – auditory (for example, with the use of speech synthesizer programs) or with the help of tifloinformation devices.

- The form of carrying out the current control of progress and intermediate certification for students with disabilities and disabled people is established taking into account individual psychophysical features (orally, in writing, by means of the computer, in the form of testing, etc.). If necessary, the student is given additional time to prepare a response and (or) protect the report.

General and operative surgery with topographic anatomy and a course of dentistry Head of the Department, Associate Professor // Makarov S.V.