


Ministry of Science and High Education of RF Ulyanovsk State University Medical faculty of T.Z. Biktimirov, IMEiPC	Form	
F – Educational plan of practice		

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

Chairman Mashin V.V.  
(Signature, Name)  
«16» May 2024

**EDUCATIONAL PLAN OF PRACTICE**  
**«Familiarization practice»**

Practice	Familiarization practice
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	2

Direction (specialty) 31.05.01 General medicine (specialty level)

(code of direction (specialty), full name)

Orientation (profile) not provided

Form of training full-time

Date of introduction into the academic process at Ulyanovsk State University

« 1 » 09 2024

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

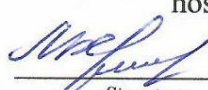
Revised at the Department meeting, Record No. \_\_\_\_\_ of « \_\_\_\_\_ » \_\_\_\_\_ 20 \_\_\_\_\_


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
Smirnova Anna Yu.	Propedeutics of internal diseases	PhD, senior Lecturer
Makarov S.V.	General and operative surgery with topographic anatomy and the course of dentistry	PhD, senior Lecturer

<b>AGREED</b>		
Head of graduating department hospital therapy		
	/Vize-Khripunova M.A./	
<small>Signature</small>	<small>Full name</small>	
« 16 »	05	2024 г.

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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 - educational practice " **Familiarization practice** " 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 educational practice "Introductory practice" is conducted in the 4th semester (course 2).

The practice "Introductory practice" is preceded by the Educational practice "Care for patients of a therapeutic profile" - 2 semester (1 year), Educational practice "Care for patients of surgical profile" - 2 semester (1 course), as well as production practice "Assistant of junior medical personnel" - 2-semester (course 1). And the educational practice "Introductory practice" - 4-semester (course 2) is the basis for other practices: "Nurse's Assistant" - 6th semester (course 3); "Practice in obtaining


professional skills and experience of professional activity in the positions of nursing staff" - 6 semester (course 3); "Practice in obtaining the primary professional skills of a doctor of an inpatient institution" - 8th semester (4th year) and "Assistant doctor of an inpatient institution" - 10th semester (5th year).

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


Competence index. Content of a competence (or a part of it)	The proposed results of the course students are:
<b>GPC-4</b> 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	ID-1 OPK4 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 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,

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	<p>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, obstetric-gynecological and other profiles.</p> <p><b>ID-2 OPK4</b></p> <p>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 organs: nervous, endocrine, immune, 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 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</p>
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	<p>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.</p> <p><b>ID-3 OPK4</b></p> <p>Possess: Possess the methods of using medical devices in the diagnosis and treatment of therapeutic patients</p>
<p><b>PC-1</b></p> <p>Readiness to participate in the provision of emergency medical care in conditions requiring urgent medical attention</p>	<p>Know: the main causes of conditions requiring urgent medical intervention in obstetric gynecological, therapeutic and surgical practice, their differential diagnosis, as well as the tactics of emergency medical care in such conditions.</p> <p>To be able to: provide emergency medical care in conditions requiring urgent medical intervention, in obstetric-gynecological, therapeutic and surgical practice.</p> <p>Own: algorithms for providing emergency medical care in obstetric gynecological, therapeutic and surgical practice in threatening conditions</p>
<p><b>PC-2</b></p> <p>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</p>	<p>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).</p> <p>Be able to: determine the patient's status: collect anamnesis, interview the patient and / or his relatives, conduct a physical examination of the patient (examination, palpation, auscultation); to conduct a primary examination of systems and organs: respiratory, cardiovascular, blood and hematopoietic organs, digestive, endocrine and urinary; outline the volume of additional studies in accordance with the prognosis of the disease, to clarify the diagnosis and obtain a reliable result.</p>

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	Own: methods of general clinical objective examination (questioning, examination, palpation, percussion, auscultation) for diseases of internal organs; interpretation results of laboratory, instrumental diagnostic methods for pathology of internal organs.
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#### 4. Place and dates of the practice

The educational practice " **Familiarization practice**" is conducted 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

Dates: 4th semester of the 2nd year.

#### 5. Content of Practice


Total volume of practice		Duration of practice
Credit units	Hours	Weeks
<b>3</b>	<b>108</b>	<b>2</b>
The amount of hours of student-teacher contact work: 12 hours		
Independent work of students: 96 hours		
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 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		




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### 6. The structure and Workload

№ п/п	Sections (stages) of practice	Types of production work in practice, including independent work of students	Labor (in hours)	The volume of hours of contact work is studen ta with prepod avatele m	Independent work of students	Forms of current control
<b>PHASE I "PREPARATORY"</b>						
1.	Instruction of students on safety and labor protection, according to the rules	Work in the reception department, therapeutic and surgical departments	10	2	12	Daily diary control
	registration of the diary, graphics and order of internship, etc.					


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2.	Maintenance of medical records	Work in the reception department, medical departments of therapeutic and surgical profile	14	2	12	Daily diary control
<b>STAGE II "PRODUCTION"</b>						
3.	Reception of patients and their transportation to the departments	Work in the reception department, medical departments of therapeutic profile; Mastering practical skills on checklists	14	2	12	Daily monitoring of diary and checklists
4.	general patient care	Work in medical departments of therapeutic profile; mastering practical skills on checklists; supervision of work and participation in the work of the ward nurse	14	1	12	Daily monitoring of diary and checklists

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5.	Preparing patients for instrumental research methods and conducting sample collection biological secretions of the patient for laboratory research	Work in medical departments of therapeutic profile; mastering practical skills on checklists;	14	1	12	Daily monitoring of diary and checklists
6.	Non-invasive parenteral administration	Mastering the practical skills of non-invasive parenteral administration of drugs on checklists; supervision of work and participation in the work of the ward nurse	14	1	12	Daily monitoring of diary and checklists
7.	Emergency care	Work in medical departments of therapeutic profile; mastering practical skills on checklists	14	2	12	Daily monitoring of diary and checklists
8.	Processing and preparation for the use of medical devices provided for by the procedure for the provision of medical care. <b>CREDIT</b>	Mastering practical skills on checklists	14	1	12	Daily monitoring of diary and checklists



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Total		108	12	96	
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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

1. Maintaining the medical records of the ward nurse
2. Sanitary treatment of patients in the emergency department
3. Treatment of patients with pediculosis
4. Carrying out atropometry
5. Transportation of patients to the department
6. Thermometry, care for feverish patients
7. Setting cans, mustard plasters, dry and wet compresses
8. The use of an ice bubble, a hot water bottle
9. Counting respiratory movements
10. Examination of the pulse in the peripheral arteries, its assessment
11. Measurement of blood pressure (BP)
12. Care for a patient with urinary incontinence
13. Conducting a cleansing enema

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14. Wet cleaning and ventilation of wards, current and final disinfection
15. Toilet of the mouth, eyes, ears of seriously ill.
16. Change of underwear and bed linen for seriously ill
17. Preparation of the patient for ultrasound of the abdominal cavity, kidneys and bladder
18. Preparation of the patient for FGDS, FCS, FBS
19. Preparation of the patient for the R-examination of the gastrointestinal tract and kidneys
20. Collecting urine for general analysis
21. Collecting urine for general analysis
22. Collecting urine for research on Nechiporenko
23. Sputum collection for clinical and bacteriological examination
24. Collection of feces for clinical and bacteriological research
25. Storage, unfolding and distribution of tablet medicines
26. Instilling drops and putting ointment in the ears, eyes, nose
27. The use of aerosol and powder inhalers
28. Nebulizer application
29. Medicinal enemas
30. Processing thermometers, spatulas, spittoons, trays
31. Processing and storage of heating pads, tips for enemas, urinals, lining vessels, soft urinary catheters, gastric and duodenal probes.
32. Emergency prevention of HIV infection in emergency situations

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## 9. Educational-methodical and information support of practice «Familiarization practice»

### Ознакомительная практика

#### a) List of recommended literature:

#### Core reading:

1. Smirnova A. Yu. Patients care with internal diseases. Course of training practice : textbook of medicine for medicine faculty students / Smirnova A. Yu., V. V. Gnoevykh; Ulyanovsk State University, Institute of Medicine, Ecology and Physical culture. - Ulyanovsk : ULSU, 2016. - На англ. яз.; Загл. с экрана. - Электрон. текстовые дан. (1 файл : 3,09 Мб). - Текст : электронный. <http://lib.ulsu.ru/MegaPro/Download/MObject/157>
2. Gostishchev Victor Kuzmich. General surgery / The manual. - М. : GEOTAR-Media, 2019. - 220 p. - 220 с. - ISBN 978-5-9704-4984-4. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970449844>

#### Supplementary reading:


- 1 Oslopov, V. N. General Care of a Patient : tutorial / V. N. Oslopov, O. V. Bogoyavlenskaya. - Moscow : GEOTAR-Media, 2021. - 208 p. : 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, Institute of Medicine, Ecology and Physical culture. - Ulyanovsk : UISU, 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 the practical work of students on the organization and conduct training practice «Familiarization practice" for specialty 31.05.01 «General medicine» / Smirnova A. Yu., S. V. Makarov. - Ulyanovsk : UISU, 2021. - Неопубликованный ресурс; На англ. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11202> . - Режим доступа: ЭБС УлГУ. - Текст : электронный.
2. Smirnova A. Yu. Methodical instructions the for independent work of students on the organization and conduct training practice «Familiarization practice» for specialty 31.05.01 «General medicine» / Smirnova A. Yu., S. V. Makarov. - Ulyanovsk : UISU, 2021. - Неопубликованный ресурс; На англ. яз. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11203> . - Режим доступа: ЭБС УлГУ. - Текст : электронный.

AGREED:

Leading specialist\_\_\_/ Stadolnikova D.R. /  / 2024

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#### 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

*Профессиональные базы данных, информационно-справочные системы*

#### 1. Электронно-библиотечные системы:

1.1. Цифровой образовательный ресурс 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: <https://urait.ru> . – 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: <https://www.studentlibrary.ru/cgi-bin/mb4x>. – 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: <https://www.rosmedlib.ru>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.5. Большая медицинская библиотека : электронно-библиотечная система : сайт / ООО «Букап». – Томск, [2024]. – URL: <https://www.books-up.ru/ru/library/> . – 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: <http://znanium.com> . – 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



Щуренко Ю.В.

2024

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### 10. Logistics of the practice

Premises for training practice " **Familiarization practice** ", located on clinical bases:

1. 4320028, Ulyanovsk region, Ulyanovsk, Zaslavyazhsky 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 disabilities are trained together with other students (in the study group) or individually (on the personal application of the student).

The determination of places of practice for students with disabilities and disabilities is carried out taking into account the state of health and the requirements for their availability for this category of students. At determination of places and conditions (taking into account nosological group and group of disability of the trained) of practical training on obtaining professional skills and experience of professional activity of the trained for this category of persons individual features of the trained, and also the recommendations of medical and social examination reflected in the individual program of rehabilitation concerning the recommended conditions and types of work are considered.

In determining the place of practice for students with disabilities and disabilities, special attention is paid to safety and equipment (equipment) of the workplace.

Workplaces for practice are provided by the profile organization in accordance with the following requirements:



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- for students with disabilities and visually impaired - visually impaired: equipping a special workplace with General and local lighting, ensuring unhindered finding of the specified person of the workplace and the performance of individual tasks, the presence of video magnifiers, magnifying glass;

for students with disabilities and the visually impaired - blind: vehicle specific workplace heat reference points and devices with the ability to use large boldly-contrasting font and Braille, acoustic navigation, which will enable easy finding a person in your workplace and individual assignments;

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

- for students with disabilities and hearing – deaf: equipping a special workplace visual indicators that convert sound signals into light, speech signals into a text running line, for the smooth finding of the specified person of his workplace and the performance of individual tasks;

- for students with disabilities and hearing impaired – with a violation of the musculoskeletal system: equipment that ensures the implementation of ergonomic principles (the most convenient for the disabled location of the elements that make up the workplace); mechanisms and devices that allow you to change the height and slope of the working surface, the position of the seat of the working chair in height and inclination, the angle of the back of the working chair; equipment with a special seat. compensating for the effort of getting up, special devices for the management and maintenance of this equipment.

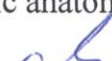
Conditions of the organization and practice, preparation of reporting materials, carrying out of the current control and interim certification in practice is provided in accordance with the following requirements:

- 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.

Developer

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