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1. OBJECTIVES AND AIM

The practical training purposes forming of professional skills of care for therapeutic patients, receiving the first experience of professional activity in the conditions of the simulyatsionny center of medical modeling and also forming and development of the competences necessary for work of junior medical staff.

Problems of passing experts study the check sheets with the subsequent development of practical skills (according to the list) in the conditions of the simulyatsionny center of medical modeling;

- acquaintance to the sanitary and hygienic mode and organization of work of the accident ward, therapeutic hospital;
- acquaintance to rules of care for therapeutic patients;
- acquaintance to the principles of rendering emergency aid in diseases of internals;
- acquaintance to tool and laboratory methods of a research in diseases of internals.

2. PLACE OF THE SUBJECT IN THE STRUCTURE OF GEP:

Educational practice " Caring for patients with a therapeutic profile " belongs to the B.1.0 Block (obligatory part) 31.05.01 "Medical business".


Educational practice " Caring for patients with a therapeutic profile " is conducted in the 2nd semester (course 1).

Educational practice "Patient care of a therapeutic profile" precedes the next work practice – "The assistant to junior medical staff", "The assistant to the charge nurse", "The assistant to the nurse", Practice on obtaining professional abilities and experience of professional activity at positions of average medical personnel, "Diagnostic practice".

3. LIST OF EXPECTED RESULTS OF INSTRUCTION ON THE SUBJECT (UNIT), CORELATED WITH PLANNED RESULTS OF COMPLETING THE PROGRAM

The study of the subject «Basis of functional and laboratory diagnosis» within the completion of the educational program is directed towards the formation of the following general and professional competences in students:

Code and name of the general professional competence	Code and name of the indicator of achievement of general professional competence
GPC-4. 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.	<p>ID-1 gpc-4 basic principles of management and organization of medical care to the population; diagnostic methods, diagnostic capabilities of methods of direct examination of a patient's therapeutic profile, modern methods of clinical, laboratory instrumental examination of patients (including endoscopic, radiological methods, ultrasound diagnostics); and rational choice of medicines in the treatment of emergency conditions in patients.</p> <p>ID-2 gpc-4 collect anamnesis, interview the patient and / or his relatives, conduct a physical examination of the patient (examination, measurement of blood pressure, determination of the properties of the arterial</p>

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	<p>pulse, etc.); assess the patient's condition in order to make a decision on the need to provide him with medical care; set priorities for solving patient health problems: critical (terminal) condition, condition with pain syndrome, condition with chronic disease, condition with infectious disease, disability, etc .; apply various methods of drug administration. ID-3 gpc-4 methods of using medical devices in the diagnosis and treatment of therapeutic patients</p>
<p>PC -2 Readiness for collecting and the analysis of complaints of the patient, data of his anamnesis, results of inspection, laboratory, tool, pathoanatomical and other researches for recognition of a state or establishment of the fact of existence or absence of a disease</p>	<p>ID-1 pc-2 diagnostic methods, diagnostic capabilities of methods of direct examination of a therapeutic patient, modern methods of clinical, laboratory, instrumental examination of patients (including endoscopic, radiological methods, ultrasound diagnostics). ID-2 pc-2 to define the status of the patient: to collect the anamnesis, to conduct survey of the patient and/or his relatives, ID-3 pc-2 by methods of all-clinical objective inspection (inquiry, survey)</p>

4. Place and date of the practice

Educational practice is conducted in the 2nd semester of 1 course in The Training center of medical technology IMEIFK ULSU.


. Content of Practice

Total volume of practice		Duration of practice
Credit units	Hours	Weeks
3	108	2


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6. The structure and Workload

№	Name of sections and themes	The form of practice, including independent work	Total	The amount of hours of contact work of the student with the teacher	Form of current control
Preparatory stage of practice					
1.	Rules of maintaining documentation. A concept about an asepsis and an antiseptic agent. Rules of processing of hands.	Instructing of students in safety measures and labor protection, in rules of execution of the diary, graphics and order of practical training, etc.	4	2	Poll and control of the diary
Production stage					
2.	Medicines and ways of their use	General rules of use of medicines. Methods of administration of medicines. Collecting syringes, typesetting of drugs from ampoules, collecting droppers. In / to, p / to, in / m, in / in injections, drip administration of drugs. Complications of injections. The principles of rendering emergency aid at an acute anaphylaxis. The emergency prevention of HIV infection at emergencies.	14	2	Poll and control of the diary
3.	Medical use of the simplest professional skills.	Measurement of arterial blood pressure. Research of arterial pulse and calculation of frequency of respiratory movements. The hot-water bottle, a bubble with ice warming	10		Poll and control of the diary

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		compresses.			
4.	Sanitary and hygienic mode and organization of work of reception, therapeutic department of a hospital.	Medical documentation. Thermometry. Anthropometry. Transportation of patients. Processing of patients with a pediculosis.	12		Poll, control of the diary and check sheets
5.	Observation and patient care with diseases of a respiratory system.	Main symptoms of diseases of a respiratory system. The pre-medical help at an attack to bronchial asthma. A technique of use of a pocket inhaler at a suffocation attack. The principles of rendering emergency aid in pulmonary bleeding. Use of nebulizers and powder inhalers. Ways of supply of oxygen. Peak flowmetry method. Collecting a phlegm for laboratory analyses.	12		Poll, control of the diary and check sheets
6.	Observation and patient care with diseases of a cardiovascular system.	Arterial pulse and its properties. Rules of measurement of arterial blood pressure. Classification of levels of arterial blood pressure. Symptoms of basic diseases of a cardiovascular system. The principles of rendering emergency aid at a stenocardia attack, a myocardial infarction, cardiac asthma, hypertensive crisis. Arterial pulse and its properties. Rules of measurement of arterial blood	12	2	Poll, control of the diary and check sheets

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		pressure. Classification of levels of arterial blood pressure. Symptoms of basic diseases of a cardiovascular system. The principles of rendering emergency aid at a stenocardia attack, a myocardial infarction, cardiac asthma, hypertensive crisis.			
7.	Observation of patients with digestive tract diseases.	Gastric lavage. Rendering emergency aid in vomiting. Collecting emetic masses for the laboratory analysis. Collecting excrements for the laboratory analysis.	10	2	Poll, control of the diary and check sheets
8.	Observation of patients with diseases of an urinary system.	Collecting analyses of urine of the general, across Nechiporenko, across Zimnitsky.	12		Poll, control of the diary and check sheets
9.	Care for bed patients.	Feeding of the bed patient. Change of next-to-skin and bed linen. Giving of an urinal and vessel. Personal hygiene of the patient. Processing and storage of bed-pans and urinals		2	Poll, control of the diary and check sheets
Final stage of practice					
10	Concluding session .	Interview following the results of practice.	10	2	The differentiated offset, control of the diary
	In total		96	12	
				108	

7. Scientific research technologies:

This type of work is not provided.


8. Interim certification

The differentiated offset

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LIST OF PRACTICAL SKILLS

1. Treatment of patients with head lice
2. Transportation of therapeutic patients
3. Anthropometry
4. Thermometry
5. Taking biological material (blood, sputum, urine) for laboratory research
6. Setting a wet (warming) compress
7. Use of an ice pack and heating pad in therapeutic patients
8. Collection of syringes, collection of medicines from ampoules, collection of droppers
9. Carrying out intradermal injections
10. Conducting subcutaneous injections
11. Carrying out intramuscular injections
12. Conducting intravenous injections
13. Implementation of intravenous drip injections of drugs
14. Emergency prevention of HIV infection by injection
15. Calculation of the respiratory movements of the patient
16. Pulse examination
17. Blood pressure measurement
18. Gastric lavage
19. Use of aerosol and powder inhalers
20. Use of nebulizers
21. Conducting peak flow measurements
22. Oxygen therapy
23. Principles of emergency care in case of asthma attack
24. Principles of emergency care for pulmonary hemorrhage
25. Principles of emergency care for anaphylactic shock
26. Principles of emergency care for an attack of angina pectoris, cardiac asthma
27. Principles of emergency care for hypertensive crisis
28. Principles of emergency care for vomiting
29. Cleaning hands during injections
30. Prevention of bedsores in stroke patients
31. Change of underwear and bed linen in therapeutic patients

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9. EDUCATIONAL-METHODICAL AND INFORMATION SUPPORT OF DISCIPLINE

a) The list of the recommended literature:

Core 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. Levchuk, I. P. First Aid in Case of Accidents and Emergency Situations : course book / I. P. Levchuk, M. V. Kostyuchenko, A. P. Nazarov - Москва : ГЭОТАР-Медиа, 2017. - 120 с. - ISBN 978-5-9704-4230-2. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970442302.html>

Supplementary reading:

1. Epifanov V A. Physical therapy : tutorial guide / V. A. Epifanov, A. V. Epifanov. - Moscow : GEOTAR-Media, 2022. - 576 p. : ill. - 576 с. - ISBN 978-5-9704-6795-4. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970467954.html>

2. Levchuk I.P. Life Safety in Medicine : textbook / I. P. Levchuk, A. P. Nazarov, M. V. Kostyuchenko. - Moscow : GEOTAR-Media, 2021. - 112 p. - 112 с. - ISBN 978-5-9704-5998-0. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970459980.html>

3. Smirnova A. Yu. General care of patients with internal organs diseases. Course of training practice : Textbook of Medicine for medicine faculty students for self-independent work / Smirnova A. Yu. , V. V. Gnoevykh, B. B. Гноевых; Ulyanovsk State University, Insitute of Medicine, Ecology and Physical culture. - Ulyanovsk : ULSU, 2019. - Текст на англ. яз.; Загл. с экрана. - Электрон. текстовые дан. (1 файл : 2,47 МБ). - Текст : электронный. <http://lib.ulsu.ru/MegaPro/Download/MObject/1443>

Educational and methodical literature

Domashevskaya N.V. Guidelines for self-training of students in the discipline «Caring for patients with a therapeutic profile» for specialty 31.05.01 "General medicine / N. V. Domashevskaya - Ulyanovsk : ULSU, 2022. - 41 с. - Неопубликованный ресурс. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/10598> . - Режим доступа: ЭБС УлГУ

AGREED:


Main Librarian Степановичева Стас 14.05.2022

The position of the worker scientific library

Full name

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b) Software:

наименование
СПС Консультант Плюс
НЭБ РФ
ЭБС IPRBooks
АИБС "МегаПро"
Система «Антиплагиат.ВУЗ»
ОС Microsoft Windows
Microsoft Office 2016
«Мой Офис Стандартный»

комп. класс ИМЭФК:

Автоматизированная информационная система «Витакор РМИС»
StatisticaBasicAcademicforWindows 13

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e) Professed data base, directory and search systems:

1. Электронно-библиотечные системы:

1.1. Цифровой образовательный ресурс IPRsmart : электронно-библиотечная система : сайт / ООО Компания «Ай Пи Ар Медиа». - Саратов, [2022]. – 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, [2022]. - 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, [2022]. – 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, [2022]. – URL: <https://www.rosmedlib.ru>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.5. Большая медицинская библиотека : электронно-библиотечная система : сайт / ООО Букап. – Томск, [2022]. – 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, [2022]. – URL: <https://e.lanbook.com>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.7. ЭБС Znanium.com : электронно-библиотечная система : сайт / ООО Знаниум. - Москва, [2022]. - URL: <http://znanium.com>. – Режим доступа : для зарегистрир. пользователей. - Текст : электронный.

1.8. Clinical Collection : научно-информационная база данных EBSCO // EBSCOhost : [портал]. – URL: <http://web.b.ebscohost.com/ehost/search/advanced?vid=1&sid=9f57a3e1-1191-414b-8763-e97828f9f7e1%40sessionmgr102>. – Режим доступа : для авториз. пользователей. – Текст : электронный.

1.9. База данных «Русский как иностранный» : электронно-образовательный ресурс для иностранных студентов : сайт / ООО Компания «Ай Пи Ар Медиа». – Саратов, [2022]. – URL: <https://ros-edu.ru>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

2. КонсультантПлюс [Электронный ресурс]: справочная правовая система. /ООО «Консультант Плюс» - Электрон. дан. - Москва : КонсультантПлюс, [2022].

3. Базы данных периодических изданий:


3.1. База данных периодических изданий EastView : электронные журналы / ООО ИВИС. - Москва, [2022]. – URL: <https://dlib.eastview.com/browse/udb/12>. – Режим доступа : для авториз. пользователей. – Текст : электронный.

3.2. eLIBRARY.RU: научная электронная библиотека : сайт / ООО Научная Электронная Библиотека. – Москва, [2022]. – URL: <http://elibrary.ru>. – Режим доступа : для авториз. пользователей. – Текст : электронный

3.3. Электронная библиотека «Издательского дома «Гребенников» (Grebinnikon) : электронная библиотека / ООО ИД Гребенников. – Москва, [2022]. – URL: <https://id2.action-media.ru/Personal/Products>. – Режим доступа : для авториз. пользователей. – Текст : электронный.

4. Федеральная государственная информационная система «Национальная электронная библиотека» : электронная библиотека : сайт / ФГБУ РГБ. – Москва, [2022]. – URL: <https://нэб.рф>. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.

5. SMART Imagebase : научно-информационная база данных EBSCO // EBSCOhost : [портал]. – URL: <https://ebsco.smartimagebase.com/?TOKEN=EBSCO-1a2ff8c55aa76d8229047223a7d6dc9c&custid=s6895741>. – Режим доступа : для авториз. пользователей. – Изображение : электронные.

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11. SPECIAL CONDITIONS FOR STUDENTS WITH DISABILITIES

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:

- 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

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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



Senior teacher, PhD in Medicine /Domashevskaya N.V./