
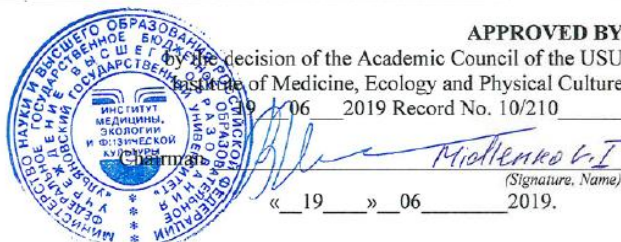


Ministry of Science and High Education of RF Ulyanovsk State University IMEiPC Medical faculty of T.Z. Biktimirov	Form	
F – Educational program of the practice of HE (specialty)		



EDUCATIONAL PROGRAM OF THE PRACTICE
«Practice on reception of primary professional skills, including primary skills of research activity (Care of therapeutic and surgical patients)»

Practice	«Practice on reception of primary professional skills, including primary skills of research activity (Care of therapeutic and surgical patients)»
Method and Form	Stationary; discrete practice
Faculty	Medical faculty of T.Z. Biktimirov
Name of department	Propedeutics of internal diseases; Department of general and operative surgery with topographic anatomy and the course of dentistry
Course	1

Direction (specialty) 31.05.01 General medicine

(code of direction (specialty), full name)

Orientation (structure/specialization): is not provided
full name

The form of training full-time

Date of introduction into the academic process at Ulyanovsk State University

«1» 09 2019


Revised at the Department meeting, Record №. 8 of 18.03.2020

Revised at the Department meeting, Record №. 20 of 20


Revised at the Department meeting, Record №. 20 of 20

Information about developers:

Full name	Abbreviation of Department	Academic, degree, title
Smirnova Anna Yu.	Propedeutics of internal diseases	PhD, Associated professor
Chernova N.G.	Propedeutics of internal diseases	Assistant
Makarov S.V.	General and operative surgery with topographic anatomy and the course of dentistry	PhD, Associated professor

AGREED Head of the Graduating Department  Vize-Hripunova M.V. / (Signature) (Name) «28» 05 2019
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1.

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The course aims and objectives

Aim of the Course is forming professional skills for therapeutic and surgical patients care, reception of the first experience of professional activity in conditions training center of medical technology, and also developing competencies necessary for working in medical field.

Objectives:

- studying of checks - sheets with the subsequent development of practical skills (according to the list) in conditions training center of medical technology;
- familiarity with the organization of a sanitary mode and the organization of work of admission department, therapeutic and surgical departments of the hospital;
- familiarity with rules of care of therapeutic and surgical patients;
- familiarity with first pre-medical aid for diseases of the internal organs.
- familiarity with instrumental and laboratory methods of research in diseases.

2. Place of the course in the curriculum


The training practice «Practice on reception of primary professional skills, including primary skills of research activity (Care of therapeutic and surgical patients)» concerns to the Block 2 «Practices, including research work» for specialty "General Medicine».

The training practice «Practice on reception of primary professional skills, including primary skills of research activity (Care of therapeutic and surgical patients)» is carried out in the 2st semester of 1st year.


Course of training practice «Practice on reception of primary professional skills, including primary skills of research activity (Care of therapeutic and surgical patients)» is basis for course of training practice «Clinical practice (Care of therapeutic and surgical patients)» and practices “Junior medical staff assistant”, «Ward nurse assistant», «Procedural nurse assistant. Part I», «Procedural nurse assistant. Part II».

3. Proposed results:


Competence index. Content of a competence (or a part of it)	The proposed results of the course students are:
GPC-10: the willingness to organize patients care and provide primary pre-hospital health care	To know: - organization of work and structure of (medical institutions) health care facilities; -first pre-medical aid for bronchial asthma attack, pulmonary bleeding; -first pre-medical aid for angina pectoris, hypertensive crisis, cardiac asthma, myocardial infarction; -first pre-medical aid for anaphylactic shock. -first pre-medical aid for vomiting -rules for the use of gastrostomy for feeding patients; -rules for the care of the urinary catheter, rules for the care of the colostomy; -rules for the use tracheostomy.

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	<p>To able to:</p> <ul style="list-style-type: none"> -divide patients on department; -care for febrile patients; -gastric lavage making (a model); - apply methods of caring for skin and mucous membranes; -to change the underwear and bed linen; -distribute patients by Department; -to carry out prevention of bedsores; -to shave the patient's skin in the area of the operating field. Treatment of the patient's skin before surgery. Treatment of hands before surgical procedures. Wearing sterile clothing; <p>To own to:</p> <ul style="list-style-type: none"> -the method of hygienic treatment of hands; -the method of temperature measurement and is graphically reflected in the temperature sheet; -the method of gastric lavage (a model); - methods of hygienic treatment of hands; - methods of change of underwear and bed linen in patients on General and bed rest.
<p>GPC-11: the willingness to use medical devices intended for medical care</p>	<p>To know:</p> <ul style="list-style-type: none"> - rules and methods of transporting patients to the hospital; - rules for handling and storage of thermometers filling out temperature sheets, types of fevers; - rules for storage and discharge of medicines; - rules applying and cleaning of nebulizers; - rules applying and cleaning the aerosol and dry powder inhaler; -the technique of enteral and parenteral ways of introduction of drugs, complications of parenteral ways of introduction of medicines; -laboratory diagnostic methods, rules of collection of biological materials in the respiratory diseases and cardiovascular diseases. -rules of colostomy treatment and replacement of the colostomy bag; - equipment of processing, storage of catheters, urinals. <p>To able to:</p> <ul style="list-style-type: none"> - to transport patients to the hospital; - measure body temperature and is graphically reflected in the temperature sheet; - to apply nebulizers; - to apply pocket aerosol and dry powder inhaler; - to carry out the simplest physiotherapeutic manipulation;

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	<ul style="list-style-type: none"> - to conduct a cleansing enemas (a model). -to carry out colostomy treatment and replacement of the colostomy bag, to carry out treatment of the urinary catheter and replacement of the ureter. <p>To own to:</p> <ul style="list-style-type: none"> - rules and methods of transporting patients to the hospital; - the skill of applying the aerosol and dry powder inhaler; - method of nebulizers; -the method of disinfection of medical objects and products (thermometers, therapeutic tools, the medical equipment, disposable systems after use, tourniquet for a fence of blood, the sanitary-and-hygienic equipment, tips for enema, probes etc.); -the collection of syringes, droppers, taking medicine from ampoule; -taking medicine from bottle; -removing air from the syringe; - carrying out intradermal injection (a model); - carrying out subcutaneous injection (a model); - carrying out intramuscular injection (a model); -sequence of the tourniquet before venipuncture (model); - carrying out intravenous injection (a model); - venipuncture for blood sampling for tests (a model); - preparation (filling) of the system for intravenous infusion; - filling and exhausting air from the system for intravenous infusion; - carrying out intravenous infusion (a model); - methods of using inflatable circles, foam pads of anti-bedsore mattress for the prevention of bedsores.
<p>PC-1: Ability and readiness for realization of a complex of the actions directed on preservation and strengthening of health and including formation of a healthy way of life, the prevention of occurrence and (or) distributions of diseases, their early diagnostics, revealing of the causes and conditions of their occurrence and development, and also directed on elimination</p>	<p>To know:</p> <ul style="list-style-type: none"> -technics of cleaning chambers, airings of chambers, technics of the current and final disinfection; -features of working the admissions office and specialized care units; -the method of treatment of patients with lice; -the method of anthropometry; -rules of measuring blood pressure; -rules of measuring arterial pressure, to investigate the pulse on arteries; -rules of calculation respiratory rate and to estimate the result; <p>To able to:</p> <ul style="list-style-type: none"> -carrying out cleaning chambers, airings of chambers, technics of the current and final disinfection; -carrying out features of working the admissions office and

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of harmful influence on health of the person of factors of environment of dwelling	specialized care units; -carrying out anthropometry; -to quantify respiratory motion and to estimate the result; -to measure arterial pressure; -to investigate the pulse on arteries. To own to: -technics of cleaning chambers, airings of chambers, technics of the current and final disinfection; -features of working the admissions office and specialized care units; -the method of treatment of patients with lice; -the method of anthropometry; -rules of measuring blood pressure; -rules of measuring arterial pressure, to investigate the pulse on arteries; -rules of calculation respiratory rate and to estimate the result.
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4. Place and date of the practice

Practical training is conducted in the 2nd semester at training center for medical technology of medical faculty of the Institute of Medicine, Ecology and Physical Culture USU.


Discrete practice passes during a semester.

5. Content of Practice


Total volume of practice		Duration of practice
Credit units	Hours	Weeks
3	108	2
Contact work	12	
Self-work	96	

6. THE STRUCTURE AND WORKLOAD

№	Name of sections	The form of practice, including independent work	Quantity of Hours	The form of control
I. Preparatory stage of practice				
			con- tact work	Self- wor k

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1	Briefing on safety	Briefing on safety	2	2	Interviewer and control of the filling of the diary
II. Training stage of practice					
2	Medicines and methods of their application	General rules for the use of 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 anaphylactic shock.	3	9	Interviewer, control of the filling of the diary and check-lists
3	Medical application of the simplest professional skills. Enemas. Gastric lavage.	Blood pressure measurement. Study of arterial pulse and counting the frequency of respiratory movements. Heating pad, ice packs, hot compresses. Enemas. Gastric lavage. Help the patient with vomiting.	2	9	Interviewer, control of the filling of the diary and check-lists
4	Sanitary and hygienic regime and organization of work of the reception, therapeutic and surgical departments of the hospital.	Medical record. Thermometry. Anthropometry. Transportation of patients. Treatment of patients with pediculosis		18	Interviewer, control of the check-lists
5	Monitoring and care of patients with respiratory diseases.	The main symptoms of diseases of the respiratory system. First aid for bronchial asthma attacks. The method of using a pocket inhaler in case of a suffocation attack. The use of nebulizers. Oxygen therapy. Performing peakflowmetry. Principles of first aid for pulmonary bleeding.		9	Interviewer, control of the check-lists
6	Monitoring and care of patients with diseases of the cardiovascular system.	Arterial pulse and its properties. Rules for measuring blood pressure. Classification of blood pressure lev-		11	Interviewer, control of the check-lists

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		els. Symptoms of major diseases of the cardiovascular system. Principles of first aid in case of angina attack, myocardial infarction, cardiac asthma, hypertensive crisis.			
7	Surgical Department of the hospital. General principles of care for surgical patients.	Duties of Junior medical staff of the surgical Department. Change of underwear and bed linen, changing of pampers. Rules for the prevention of bedsores. Sanitary and hygienic treatment of external genitals. Changing of the urinal	2	12	Interviewer, control of the filling of the diary and check-lists
8	Aseptic and antiseptic.	Shaving the patient's skin in the area of the operating field. Treatment of the patient's skin before surgery. Treatment of hands before surgical procedures. Wearing sterile clothing.	1	12	Interviewer, control of the filling of the diary and check-lists
9	Care of surgical patients in the postoperative period. CREDIT.	Tracheostomy care. Treatment of tracheostomy tube. Care of gastrostomy. Rules for the use of gastrostomy for feeding patients. Caring for the colostomy, changing the colostomy bag. Care of urinary catheter.	2	14	Interviewer, control of the filling of the diary and check-lists
	Total		12	96	
			108		


7. Research and scientific production technologies used in practice: not provided.

8. Form of interim certification by the end of practice

Test with a mark.

The list of the practical skills

1. Treatment of patients with pediculosis
2. Transportation of patients
3. General and current cleaning in the therapeutic Department
4. Anthropometry
5. Thermometry
6. Taking biological material (blood, sputum) for laboratory studies

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7. Setting warming compresses
8. The use of the bladder with ice and warmer
9. Collection of syringes, collection of medicines from ampoules, collection of droppers
10. Intracutaneous injection
11. Subcutaneous injection
12. Intramuscular injection
13. Intravenous injection
14. Drip medicines
15. Calculation of respiratory movements of the patient
16. The study of the pulse
17. Measurement of blood pressure
18. Gastric lavage
19. Enema
20. Using the aerosol and dry powder inhalers
21. The use of nebulizers
22. Performing peakflowmetry
23. Principles of first aid in case OF BA attack
24. Principles of first aid for pulmonary bleeding
25. Principles of first aid in anaphylactic shock
26. Principles of first aid in case of angina attack, cardiac asthma
27. Principles of first aid in hypertensive crisis
28. Principles of first aid for vomiting
29. Hand treatment
30. To prevent the development of bedsores.
31. Ways of changing of underwear and bed linen of patients undergoing General and bedrest, changing of pampers.
32. Dressing in sterile clothing
33. Tracheostomy Care
34. Caring for a gastrostomy
35. Care of the colostomy
36. Urinary catheter Care
37. The Supply vessel and urinal
38. Production of dressing material
39. Treatment and disinfection of patient care items

9. Course resources


List of recommended literature:

a) Core reading:

Smirnova A. Yu. Patients care with internal diseases. Course of training practice [Электронный ресурс]: textbook of medicine for medicine faculty students / Smirnova A. Yu., V. V. Gnoevykh; Ulyanovsk State University, Institute of Medicine, Ecology and Physical culture. - Электрон. текстовые дан. (1 файл : 3,09 Мб). - Ulyanovsk : ULSU, 2016.-108 с.- Access mode: ftp://10.2.96.134/Text/Smirnova_2016-1.pdf

Ostrovsky V. K.

The general care per surgical patients with elements of first-aid treatment at sharp surgical diseases

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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. - 92 с. - Текст на англ. яз. - Библиогр.: с. 91. - б/п.

Gostishchev Victor Kuzmich.

General surgery = A guide to general surgery practice: the manual : textbook for foreign students of medical higher educational institutions / Gostishchev Victor Kuzmich. - Moscow: GEOTAR-Media, 2018. - 219 p. : il. - Парал. тит. л. рус. - ISBN 978-5-9704-4697-3 : 900.00.

b) Supplementary reading:

Osloпов V.N., Epiphany O.V., et al..

General care. Training manual. Part 1. General care of a patient. Manual. Part 1 – Kazan: KSMU, 2005. – 106 с. Access mode: <http://osloпов-kazan.ru/wordpress/wp-content/uploads/2014/02/General-care-of-a-Patient.-Part-1.pdf>

Osloпов V.N., Epiphany O.V., et al..

General care. Training manual. Part 2. General care of a patient. Manual. Part 2 – Kazan: KSMU, 2005. – 114 с. Access mode: <http://osloпов-kazan.ru/wordpress/wp-content/uploads/2014/02/General-care-of-a-Patient.-Part-2.pdf>

c) educational-methodical reading:

1. Chernova N. G. Methodical instructions for the student of training practice «Practice on reception of primary professional skills, including primary skills of research activity (Care of therapeutic and surgical patients)» for specialty 31.05.01 "General medicine" : For students of the 2019 year of admission / N. G. Chernova, Smirnova A. Yu.; Ulyanovsk State University. - Ulyanovsk : UISU, 2019. - Загл. с экрана; На англ. яз.; Неопубликованный ресурс. - Электрон. текстовые дан. (1 файл : 267 КБ). - Текст : электронный.

<http://lib.ulsu.ru/MegaPro/Download/MObject/5287>

2. Chernova N. G. Methodical instructions for self-independent work of the student of training practice «Practice on reception of primary professional skills, including primary skills of research activity (Care of therapeutic and surgical patients)» for specialty 31.05.01 "General medicine" : For students of the 2019 year of admission / N. G. Chernova, Smirnova A. Yu.; Ulyanovsk State University. - Ulyanovsk : UISU, 2019. - Загл. с экрана; На англ. яз.; Неопубликованный ресурс. - Электрон. текстовые дан. (1 файл : 633 КБ). - Текст : электронный.

<http://lib.ulsu.ru/MegaPro/Download/MObject/5286>

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2.1. Библиограф 0017 Стабильников Д.С. Стаб

The position of the worker scientific library


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b) Software:

SPS Consultant Plus

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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

c) Professed data base, directory and search systems:

1. Electronic library systems:

1.1. IPRbooks: Electronic Library System / AI P.Er Media Group. Electron. Dan. - Saratov, 2019. Access mode: <http://www.iprbookshop.ru>.

1.2. Student Consultant "Electronic Resource": Electronic Library System / PolytechResource LLC. Electron. Dan. Moscow, 2019. Access mode: <http://www.studentlibrary.ru/pages/catalogue.html>.

2. ConsultantPlus "Electronic Resource": Reference Legal System. /Consultant Plus - Electron. Dan. - Moscow : ConsultantPlus, "2019".




3. National Electronic Library "Electronic Resource": "": Electronic Library System. - Electron. Dan. Moscow, 2019. Access mode: <https://нэб.рф>.

4. Educational resources of the USU:

4.1 Electronic libraries of USU. Access mode: <http://lib.ulsu.ru/MegaPro/Web>

4.2 Educational portal of USU. Access mode: <http://edu.ulsu.ru>


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 Employee of the Department of information technology and telecommunications Full name signature data

10. Material support of discipline

List of equipment necessary for the conduct of training practice

№	Name
1.	Simulator for probing and gastric lavage T16
2.	Stomach to the simulator T16
3.	Simulator for the production of enemas and intramuscular injections
4.	Trim on the arm (i\ν injection)
5.	Trim on the arm (s\c injection)
6.	Simulator-arm for intravenous injection and puncture, intramuscular injections (from shoulder to palm, compressed in the fist
7.	Simulator-arm for intravenous injection
8.	Simulator for nurse
9.	Simulator for measurement blood pressure H1023P
10.	Tonometer

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11.	Gastric tube
12.	Warmer
13.	Vaseline
14.	Mug Esmarch, enema tips
15.	Tourniquet
16.	Tray
17.	Scissors
18.	Syringe Janet
19.	Disposable syringes of different volume and diameter of the needle
20.	Consumable medical material (cotton wool, bandages, etc.)
21.	Disposable system for the on/in infusion, tripod
22.	Thermometer
23.	Tracheostomy tube
24.	Urinary catheter
25.	Urinal
26.	Kalopriemnik
27.	Disposable diapers
28.	Stacking for treatment of patients with pediculosis
29.	Apron
30.	Drainage tubes

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;

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- 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.

Developers  Associated professor of the department Propedeutics of internal diseases Smirnova A. Yu.
 Signature Position Full name

 assistant of the department Propedeutics of internal diseases Chernova N.G.
 Signature Position Full name

 Associated professor of the department general and operative surgery Makarov S.V.
with topographic anatomy and the course of dentistry
 Signature Position Full name