


RF Ministry of Education Ulyanovsk State University Faculty of Medicine named after Biktimirov T.Z. Department of the propedeutics of internal diseases Department of the general and operative surgery with topographic anatomy and the course of dentistry	Form	
F – Educational plan of the course of training practice “Care of the therapeutic and surgical patients. Primary skills of the research activities”, course 31.05.01 “General Medicine”		

APPROVED
by the decision of the Academic Council of the Ulyanovsk Institute of Medicine, Ecology and Physical Culture
June «25» 2018, № 10/200
B. V. Muzhakov
Chairman (signature, signature clarification)
«25» of June 2018



EDUCATIONAL PLAN OF THE TRAINING PRACTICE

“Care of the therapeutic and surgical patients.
Primary skills of the research activities”

Qualification (major) _____ 31.05.01 «General Medicine» _____
(Qualification code, full name)

Medical faculty named by T.Z. Biktimirov

The course first

Type and way of carrying of practice (according with FSES): stationary, practice on reception of primary professional skills, including primary skills of research activity

Information about developers:

Full name	Abbreviation of Department	Academic degree, title
Gnoevikh V.V.	Propedeutics of internal diseases	DSc, Chair of the department
Smirnova A. Yu.	Propedeutics of internal diseases	PhD, senior Lecturer
Chernova N.G.	Propedeutics of internal diseases	-
Makarov S.V.	General and operative surgery with topographic anatomy and the course of dentistry	PhD, senior Lecturer



Date of introduction into the academic process at Ulyanovsk State University 01.09.2018


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

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AGREED	AGREED
Chair of the department of general and operative surgery with topographic anatomy and the course of dentistry	Chair of the department of propedeutics of internal diseases
 _____ (Подпись) Smolkina A.V. / (ФИО) «20» 06 2018 г.	 _____ (Подпись) Gnoevikh V.V. / (ФИО) «20» 06 2018 г.

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The block of care of therapeutic patients

1. The course aims and objectives

Aim of the Course: Aim of the course is forming professional skills for therapeutic patient care as nursing staff, teaching students on the principals patient care, receiving first practical experience of professional activity, and also developing competencies necessary for working in medical field.

Objectives:

- familiarity with the principles of observation and care of patients with internal organs diseases from the position of Junior medical staff;
- familiarity with laboratory and instrumental methods of research at internal organs diseases;
- familiarity with the provision of pre-hospital medical aid at emergencies in clinic of internal diseases;
- familiarity with the organization of a sanitary mode of the functional units of the therapeutic Department (sanitary-hygienic regime in the wards, the emergency Department, treatment room);
- forming of abilities on the organization of work of medical staff of medical institutions, defining the responsibilities and the optimum algorithm of their implementation;
- analysis of scientific literature and preparation of papers on contemporary issues of care for therapeutic patients.

2. Place of the course in the curriculum

2.1 The program B2.V.2 «Training practice Care of the therapeutic and surgical patients. Primary skills of the research activities» is made in accordance with the requirements of the federal state educational standard of higher professional education for specialty "General Medicine" and concerns to the block of educational practice B2 « Practices, including research work».

2.2 Study questions training practice is carried out in the 2st semester of 1st year. Anatomy, biology and chemistry are the previous disciplines necessary for studying of this course.


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2.3 Sections of discipline and interdisciplinary communications with provided and subsequent disciplines: practices, propedeutics of internal diseases, anesthesiology, reanimation and intensive therapy, faculty therapy, oncology, radiation therapy, hospital therapy


3. Proposed results

The course is aimed at the following competences:


№ п/ п	Index of the competences	The contents of the competences	As a result of the training practice course the student must		
			know	able to	own to
1.	GPC-10	The willingness to organize care for patients and provide primary pre-hospital health care	- organization of work and structure of (medical institutions) health care facilities; - features of working the admissions	-divide patients on department; - care for febrile patients; -carry out cleaning chambers; -carry out current	- the method of hygienic treatment of hands; - the method of temperature measurement and is graphically re-

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			<p>office and specialized care units;</p> <ul style="list-style-type: none"> - the guidelines of personal hygiene and methods of its implementation; -technics of cleaning chambers, airings of chambers, technics of the current and final disinfection; - the importance of dietary in medical activities to recovery patients, types of therapeutic diets and the importance of proper nutrition in treatment measures to patient recovery -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 gastrointestinal bleeding. 	<p>and final disinfection.</p>	<p>flected in the temperature sheet.</p> <ul style="list-style-type: none"> - method of weighing patients, measuring height and recording indicators.
2.	GPC-11	<p>The willingness to use medical devices stipulated order of rendering of medical aid</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 	<p>to transport patients to the hospital;</p> <ul style="list-style-type: none"> - measure body temperature and is graphically reflected in the temperature sheet; -to quantify respiratory motion and to estimate 	<ul style="list-style-type: none"> - rules and methods of transporting patients to the hospital; -the method of treatment of patients with lice --the method of disinfection of medical objects and products (thermometers,

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			medicines; - rules of measuring blood pressure; -laboratory diagnostic methods, rules of collection of biological materials in the respiratory diseases, cardiovascular diseases, gastrointestinal diseases and urinary diseases. - storage and cleaning, and introduction of urinals.	the result; -to measure arterial pressure, to investigate the pulse on peripheral arteries; - prepare patient for x-ray and ultrasound methods of investigation; -to collect a urine sample: total, according to Nechyporenko, Zimnitskiy.	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 skill of applying the aerosol and dry powder inhaler; - method of nebulizers; - method of measurement of body temperature and its registration; - methods of collection of sputum, vomit, stool, urine.
3.	PC- 21	Readiness for analysis and public presentation of medical information on the basis of evidence-based medicine	-evidence-based medicine; - the sources of obtaining scientific information; -basic information of medical database ("IPRbooks" (www.iprbookshop.ru); ELS "Consultant of a student" (www.studmedlib.ru); - rules for compiling and formatting bibliographic list (GOST 7.1— 84 (Bibliographic description of the document. General requirements and	- to work with literature; -to summarize the material; -to identify problems; - make your own reasoned conclusions; -to execute work in accordance with the requirements.	-methods of scientific information retrieval methods of information processing; -basic techniques for working with scientific and methodological literature on the research problem; -writing and design essay.

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			rules); - the stages of the study of literary sources; - methods of information processing.		
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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, storage and disinfection of the thermometers
6. Taking biological material (urine, stool sputum) for laboratory studies
7. Storage, unfolding and distribution of medicines for oral use
8. Preparing patients for therapeutic instrumental research (ultrasound examination of abdominal cavity and bladder, fibrogastroduodenoscopy, colonoscopy, bronchoscopy, ergography)
9. Calculation of respiratory movements of the patient
10. Using the aerosol and dry powder inhalers
11. The use of nebulizers
12. Principles of first aid in case OF BA attack
13. Principles of first aid for pulmonary bleeding
14. The study of the pulse
15. Measurement of blood pressure
16. Principles of first aid in case of angina attack, cardiac asthma
17. Principles of first aid in hypertensive crisis
18. Principles of first aid in case of stomach and intesinal bleeding
19. Principles of first aid for vomiting
20. Urine test (total, according to Nechyporenko, Zimnitskiy)
21. Supply vessel and a urinal.


4. Place and date of the practice

1. Public health Agency Ulyanovsk regional clinical hospital
2. State healthcare institution "Central clinical medico-sanitary part of a name of V. A. Egorov
3. Public health Agency Ulyanovsk regional clinical center of specialized types of medical care
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

Date: 2nd semester of 1 course.

5. Content of practice

The total complexity of course is 3 credits, 108 hours.

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Concentrated part of practice is carried out during all second semester of 108 hours. Including the block of care of therapeutic patients 1,5 credits (54 hours).

6. Structure and content of the practice

6.1 Concentrated part of practice: care for therapeutic patients (54 hours).

№ п/п	Name of sections and themes	Types of study in practice, including independent work of students	Quantity of Hours	The form of control
1	Sanitary and hygienic regime and organization of work of the admission and therapeutic departments of the hospital. Medical record. Thermometry. Anthropometry. Transportation of patients.	Work in the admissions office and specialized care units	9	Control of the diary
2	Monitoring and care of patients with respiratory diseases.	Work in specialized care units	9	Control of the diary
3	Monitoring and care of patients with diseases of the cardiovascular system.	Work in specialized care units	9	Control of the diary
4	Monitoring and care of patients with diseases of the gastrointestinal tract	Work in specialized care units	9	Control of the diary
5	Monitoring and care of patients with diseases of the urinary system	Work in specialized care units	9	Control of the diary
6	Fundamentals of scientific research.	Principles of work and analysis of scientific literature.	7	Writing report
7	CREDIT		2	Testing, interview, the final control of a diary
	Total		54	

7. Research and scientific production technologies used in practice

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Research technologies: thematic search and studying of the special medical literature by preparation, a writing of the report

Scientific production technology is not provided in this practice

8. Form of interim certification by the end of practice

Test with a mark.

9. Course resources

List of recommended literature:

a) 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. - 108 c.

b) Supplementary reading:

Perry, Anne G. Clinical nursing skills & techniques / Perry Anne G., P. A. Potter, W. R. Ostendorf. - 8th ed. - London : Elsevier, 2014. - 1196 p.

c) **Software:** is not provided in this practice


d) Professed data base, directory and search systems:

1. ABS "IPRbooks" (www.iprbookshop.ru).
2. ELS "Consultant of a student" (www.studmedlib.ru).

10. Material support of practice

1. Tonometer
2. Thermometer
3. Training films of the department for practical skills: «Inspection and palpation of the vessels, counting frequency of respiratory movements, measurement of blood pressure», 2018.

In preparation of training films have taken part the next teacher of the department of propedeutics of internal diseases Institute of Medicine, Ecology and Physical Culture USU: Chair, Dsc Gnoevikh V.V., senior Lecturer, PhD Smirnova A.Yu, senior teacher, PhD Domashevskaya N.V., senior teacher Shorokhova Y.A., assistant Chernova N.G.


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The application


Fund of evaluating tools for training practice “Care of the therapeutic and surgical patients. Primary skills of the research activities”

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			al infarction; - first pre-medical aid for gastrointestinal bleeding.		
2.	GPC-11	The willingness to use medical devices stipulated order of rendering of medical aid	- 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 of measuring blood pressure; -laboratory diagnostic methods, rules of collection of biological materials in the respiratory diseases, cardiovascular diseases, gastrointestinal diseases and urinary diseases. - storage and cleaning, and introduction of urinals.	to transport patients to the hospital; - measure body temperature and is graphically reflected in the temperature sheet; -to quantify respiratory motion and to estimate the result; -to measure arterial pressure, to investigate the pulse on peripheral arteries; - prepare patient for x-ray and ultrasound methods of investigation; -to collect a urine sample: total, according to Nechyporenko, Zimnitskiy.	- rules and methods of transporting patients to the hospital; -the method of treatment of patients with lice --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 skill of applying the aerosol and dry powder inhaler; - method of nebulizers; - method of measurement of body temperature and its registration; - methods of collection of sputum, vomit, stool, urine.
3.	PC- 21	Readiness for analysis and public presentation of medical information on the basis of evi-	-evidence-based medicine; - the sources of obtaining scientific information; -basic information	- to work with literature; -to summarize the material; -to identify problems;	-methods of scientific information retrieval methods of information processing;

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		dence-based medicine	of medical database ("IPRbooks" (www.iprbookshop.ru); ELS "Consultant of a student" (www.studmedlib.ru); - rules for compiling and formatting bibliographic list (GOST 7.1— 84 (Bibliographic description of the document. General requirements and rules); - the stages of the study of literary sources; - methods of information processing.	- make your own reasoned conclusions; -to execute work in accordance with the requirements.	-basic techniques for working with scientific and methodological literature on the research problem; -writing and design essay.
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2. Passport of the fund of evaluating tools for training practice


№ п/п	Controlled section	Index of the controlled competency	Evaluating tools		The technology of assessment
			name	№ task	
1.	Sanitary and hygienic regime and organization of work of the admission and therapeutic departments of the hospital. Medical record. Thermometry. Anthropometry. Transportation of patients.	GPC-11 (to know)	test	4-7, 13, 21-23, 26-27	To look criteria and evaluation scale
		GPC-10 (to know)	test	1-3, 10-12, 15-20	-/-
		GPC-11 (to be able)	test	8-9, 14, 24-25, 28-30	-/-
		GPC-11 (to be able)	Situational task	4-6	-/-
		GPC-11 (to own)	Situational task	7-14	-/-
		GPC-10 (to be able)	Situational task	1-3	-/-

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2.	Monitoring and care of patients with respiratory diseases.	GPC-10 (to know)	test	4, 6, 8, 13-14, 22, 24-26	--/
		GPC-10 (to be able)	test	5, 7, 23	--/
		GPC-11 (to know)	test	1-3, 9-12, 16-21, 27-29	--/
		GPC-11 (to be able)	test	30, 15	--/
		GPC-11 (to be able)	Situational task	3-4	--/
		GPC-11 (to own)	Situational task	1-2	--/
		GPC-10 (to be able)	Situational task	5-6	--/
3.	Monitoring and care of patients with diseases of the cardiovascular system.	GPC-10 (to know)	test	7-9, 12, 16-17, 19-22, 24-25	--/
		GPC-10 (to be able)	test	10, 23	--/
		GPC-11 (to know)	test	1-5, 11, 13-14, 18, 26-30	--/
		GPC-11 (to be able)	test	6, 15	--/
		GPC-11 (to be able)	Situational task	1-2	
		GPC-11 (to own)	Situational task	3	--/
		GPC-10 (to be able)	Situational task	4-9	--/
4.	Monitoring and care of patients with diseases of the gastrointestinal tract	GPC-11 (to know)	test	4, 6-7, 14, 16, 21, 25, 28-29	--/

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		GPC-10 (to know)	test	1, 3, 5, 11-13, 15, 17-18, 20, 22-23, 26-27, 30	--/
		GPC-10 (to be able)	test	2, 19	--/
		GPC-11 (to be able)	test	8-10, 24	--/
		GPC-11 (to be able)	Situational task	1-4	--/
		GPC-10 (to be able)	Situational task	6	--/
		GPC-11 (to own)	Situational task	5	--/
5.	Monitoring and care of patients with diseases of the urinary system	GPC-11 (to know)	test	1-3, 5-7, 9, 12-17, 20, 22-26, 28-29	--/
		GPC-10 (to know)	test	8, 10-11, 18	--/
		GPC-11 (to be able)	test	4, 19, 21, 27, 30	--/
		GPC-11 (to be able)	Situational task	1-5	--/
		GPC-11 (to own)	Situational task	6	--/
6.	Fundamentals of scientific research.	PC-21 (to know)	test	1-16	--/
		PC-21 (to be able)	test	17-30	--/
		PC-21 (to own)	themes of reports	1-24	
		GPC-11 (to own)	themes of reports	1, 5-6, 8, 10-15,	--/

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				18-23	
		GPC-10 (to own)	themes of reports	2-4, 7, 9, 16-17, 24	--/
7.	Credit	GPC-10 (to know)	test	3, 7, 14, 16, 22, 25-26, 29	--/
		GPC-11 (to know)	test	1-2, 4-6, 8, 17-21, 23-24, 27-28, 30	--/
		GPC-11 (to be able)	test	9, 15	--/

3. Progress tests for training practice (GPC-10, GPC-11, PC-21)

For example:

1. What are the signs of pulmonary bleeding?

- a) blood red, frothy;
- b) dark blood, clots type "coffee grounds"
- b) the blood coming out is alkaline
- d) the blood coming out is acidic
- e) emission of blood by coughing

2. Contraindications to the formulation of cleansing enemas


- a) intestinal bleeding
- b) flatulence
- c) preparation for childbirth
- g) the absence of the feces for more than two days (constipation)

3. What symptoms manifested gastrointestinal bleeding?

- a) melena
- b) dark blood, clots type "coffee grounds"
- b) the blood coming out is alkaline
- d) the blood coming out is acidic
- e) emission of blood by coughing
- g) Pale skin

4. Any violation of diuresis is called nocturia?

- a) urine output less than 500 ml per day
- b) daily diuresis 2 liters
- b) the prevalence of nocturnal urine over a day more than 1:3

<p style="text-align: center;">RF Ministry of Education Ulyanovsk State University Faculty of Medicine named after Biktimirov T.Z. Department of the propedeutics of internal diseases Department of the general and operative surgery with topographic anatomy and the course of dentistry</p>	Form	
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g) frequent urination

5. Contraindications for use are warmer

- a) acute appendicitis
- b) uncomplicated peptic ulcer
- c) renal colic
- d) acute cholecystitis

6. Contraindications for staging bladder with ice

- a) bruises, in the early hours
- b) bleeding
- b) I period of fever

7. List the basic characteristics of the pulse at the radial artery in healthy human: 1) 2) 3) 4) 5)

8. Urinalysis by Zimnicky is used to determine:

- a) the amount of sugar, acetone
- b) the number of corpuscles, bacteria
- b) the presence of urobilin, bile pigments
- g) to assess the concentration of kidney function
- d) specific gravity of urine per serving
- e) the ratio of daytime and nighttime diuresis

9. The subject of care required for artificial feeding

- a) feeding Cup
- b) the catheter
- ic) thin probe
- g) a gas outlet tube

10. The type of fever with right shift normal and high temperatures within 1-2 days

- a) laxative
- b) undulating
- c) intermittent
- g) hectic

11. The main characteristics of asthma attack: 1) 2) 3)


12. List the basic types of violations diuresis: 1) 2) 3) 4) 5) 6)

13. What conditions can lead to the physiological increase in body temperature?

- a) muscular work;
- b) sleep;
- c) eating;
- g) emotional stress;
- d) infectious diseases.

14. What means the term "sanitary and anti-epidemic regime" in the hospital?

1. Compliance with the diet.

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2. The use of disinfectants in optimal concentrations.
3. Timely wet cleaning.
4. Observe the temperature.
5. The quartz treatment chambers.
6. The proper treatment.

15. Types of medical institutions outpatient type:

1. Hospital.
2. Clinic.
3. The health center.
4. An outpatient clinic.

16. How to transport a patient with myocardial infarction in the Department?

1. On foot, accompanied by nurses.
2. By elevator.
3. Transportation on a stretcher
4. On the wheelchair.

17. Types of fevers:

1. Low-grade.
2. Constant.
3. Laxative.
4. Debilitating.
5. High.

18. How to collect sputum for bacteriological examination and the sensitivity of microflora to antibiotics?


1. In a clean glass jar.
2. Collect within 1-2 days up to 100 ml.
3. In a sterile Petri dish.
4. In a sterile tube.
5. In a sterile bowl.

19. When vomiting the nurse should:

1. Put the patient on his back.
2. Seat.
3. To carry out the inhalation of oxygen.
4. Call a doctor immediately.
5. Administrate intramuscularly metoclopramide.

20. The cough happens in diseases:

1. Lungs.
2. Nose.

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3. Some diseases of the heart.
4. Kidney.
5. The liver and gallbladder.

Criteria and evaluation scales:

- criteria of evaluation – the correct answers on the questions;
- an evaluation indicator – per cent of the correct answers on the questions;
- an evaluation scale (assessment) – 4 levels of evaluating competences are distinguished:

High (excellent) – is more 80% of the correct answers;


Sufficient (good) – from 60 to 80% of the correct answers;

Borderline (satisfactory) – from 50 to 60% of the correct answers;

critical (unsatisfactorily) – is less 50% of the correct answers.

3.2 Report

Index of the competency	№	Themes of reports
ОПК-10, ПК-21	1.	First pre-medical aid for cough
ОПК-11, ПК-21	2.	Principles of emergency care in case of bronchial asthma attack
ОПК-11, ПК-21	3.	The types of powder inhaler and the technique of their use
ОПК-11, ПК-21	4.	Determination of pulse, its characteristics, graphic recording
ОПК-10, ПК-21	5.	Sanitary treatment of patients in the admission Department
ОПК-10, ПК-21	6.	Wet cleaning of wards, offices
ОПК-11, ПК-21	7.	Wet cleaning of wards, offices
ОПК-10, ПК-21	8.	Nutrition of the patients. Types of therapeutic diets and the importance of proper nutrition in treatment measures to patient recovery
ОПК-11, ПК-21	9.	Disinfection and sterilization of medical products
ОПК-10, ПК-21	10.	Thermometry
ОПК-10, ПК-21	11.	Principles of emergency care for heart pain
ОПК-10, ПК-21	12.	First aid for vomiting
ОПК-10, ПК-21	13.	Principles of emergency care for stomach, intestinal, pulmonary, nasal bleeding
ОПК-10, ПК-21	14.	Cardiac asthma and pulmonary edema: symptoms, principles of emergency care

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ОПК-10, ПК-21	15.	Hypertensive crisis: symptoms, principles of emergency care
ОПК-11, ПК-21	16.	Preparation of the patient for x-ray stomach and intestine
ОПК-11, ПК-21	17.	Preparation of the therapeutic patient for instrumental method diagnostics
ОПК-10, ПК-21	18.	Alcoholism and its consequences
ОПК-10, ПК-21	19.	Role of hardening
ОПК-10, ПК-21	20.	Physical inactivity as a cause of cardiovascular diseases
ОПК-10, ПК-21	21.	Obesity and its prophylaxis
ОПК-10, ПК-21	22.	Role of obesity in the development cardiovascular diseases
ОПК-10, ПК-21	23.	Obesity and type 2 diabetes mellitus
ОПК-11, ПК-21	24.	Rules of collection of biological material in diseases of the respiratory, digestive, urinary system.


Criteria and evaluation scales:

- criteria of evaluation – the correct and full disclosure of questions;
- an evaluation indicator – depth and quality of the studied questions, completion of a paper;
- an evaluation scale (assessment) – 4 levels of evaluating competences are distinguished:
High (excellent) - all questions are opened correctly and fully, completion of paperwork conforms to the requirements of regulatory documents;
sufficient (good) – questions are opened insufficiently fully, completion of paperwork conforms to the requirements of regulatory documents;
borderline (satisfactory) – questions are not opened, paperwork execution conforms to the requirements of regulatory documents;
critical (unsatisfactorily) – questions are not opened, paperwork execution does not conform to the requirements of regulatory documents

3.3 The diary for practice: according USU form.


Index of the competency	№ task	Formulation of the individual task
		Not provided in this practice

3.4 List of competences for the course of training practice “Care of therapeutic and surgical patients.

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Primary skills of the research work”, indicating the stages of their formation in the process of development GEP

№ se- mester	Name of discipline (module) or practices	Index competence		
		GPC-10	GPC-11	PC-21
2	Care of therapeutic and surgical patients. Primary skills of the research work	+	+	+
6-7	Topographical anatomy and operative surgery	+	+	
2	Care of surgical patients. Primary skills of the research work	+	+	+
2	Junior medical staff assistant	+	+	
4	As nurse assistant	+	+	
6	As procedural nurse assistant	+	+	
4-5	General surgery. Introduction to the speciality		+	
7	Dentistry		+	
7-8	Neurology, medical genetics, neurosurgery		+	
7	Otorhinolaryngology		+	
7-8	Faculty surgery		+	
7-11	Obstetrics and gynecology		+	
9	Ophthalmology		+	
10	Traumatology, orthopaedy		+	
12	Oncology, radiation therapy		+	
10	Modern problems of miscarriage		+	
8	Physician Assistant hospital. Research work		+	+
1	Medical ethic			+
1-3	Anatomy			+
3-4	Psychology and pedagogy of the medical practice			+
3	Neuroanatomy			+
6	Nanotechnology in the medicine			+
3	Modern biomedical technologies			+
12	The state final examination	+	+	+

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The block of care of surgical patients

1. The course aims and objectives

Aim of the Course: Aim of the course is forming of professional skills of care for surgical patients in the scope of work of Junior medical staff, training students in the principles of care for surgical patients, obtaining the first experience of professional activity in the scope of work of Junior medical staff, as well as the development of competencies required to work in the professional medical field.

Tasks of educational practice:

- familiarity with the principles of observation and care of patients with surgical diseases of the internal organs from the standpoint of Junior medical staff;
- familiarity with instrumental and laboratory methods of research in diseases.
- training students to provide first aid for mechanical injuries, bleeding due to injuries and diseases of the internal organs, acute diseases of the thoracic and abdominal cavities, as well as carrying out basic resuscitation measures (artificial respiration, heart massage) with electric injuries, drownings, hangings, first aid for thermal and chemical burns, frostbite
- teaching students the elements of desmurgy, transport immobilization, implementation of rational nutrition, prevention of bedsores, sanitary treatment of patients upon admission to the surgical hospital.
- formation of abilities on the organization of work of medical personnel of medical organizations, the definition of functional responsibilities and the optimal algorithm of their implementation;
- teaching the basics of scientific research, analysis of scientific literature and preparation of abstracts on modern problems of care for surgical patients;

2. Place of the course in the curriculum

2.1 The program B2.Y.2 «Training practice Care of the therapeutic and surgical patients. Primary skills of the research activities» is made in accordance with the requirements of the federal state educational standard of higher professional education for specialty "General Medicine" and concerns to the block of educational practice B2 «Practices, including research work».


2.2 Study questions training practice is carried out in the 2st semester of 1st year. Anatomy, biology and chemistry are the previous disciplines necessary for studying of this course.

2.3 Sections of discipline and interdisciplinary communications with provided and subsequent disciplines: practices, general surgery, anesthesiology, resuscitation and intensive care, faculty surgery, oncology, hospital surgery.


3. Proposed results

The course is aimed at the following competences:


№ п/ п	Index of the competences	The contents of the competences	As a result of the training practice course the student must		
			know	able to	own to
1.	GPC-10	The willingness to organize care for patients and	- organization of work and structure of medical institu-	- apply methods of caring for skin and mucous	- methods of hygienic treatment of hands;

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		provide primary pre-hospital health care	tions; - features of the reception Department and specialized departments of surgical profile; - technique of preliminary, current, final and General cleaning - principles of personal hygiene and methods of its implementation; - diet tables and their importance in therapeutic measures for the recovery of patients; - - first aid for gastric bleeding, 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.	membranes; -to change the underwear and bed linen; -distribute patients by Department; -to carry out prevention of bedsores; to spend the care of febrile patients; - 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. - perform artificial respiration and evaluate its effectiveness; -do an indirect cardiac massage.	- the method of toilet of the mouth, eyes, ears, nasal passages in seriously ill; - methods of change of underwear and bed linen in patients on General and bed rest.
2.	GPC-11	The willingness to use medical devices stipulated order of rendering of medical aid	- rules and methods of transportation of patients in medical institution; Rules for the care of the tracheostomy. The rules of feeding through a gastrostomy tube. Urinary catheter care rules - regulation Rules of colostomy treatment and	transport patients in a medical facility; - to measure the body temperature and is graphically reflect in the temperature sheet; --to count the respiratory movements and evaluate the result; --measure blood pressure, exam-	- rules and methods of transportation of patients in the medical institution; - methods of treatment of patients with pediculosis; - methods of disinfection of medical facilities and products (thermometers, aprons, bedpans, urinals, rooms,

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			<p>replacement of the colostomy bag. - laboratory methods of diagnosis, rules of collection of biological materials in surgical diseases of the gastrointestinal tract, respiratory organs;</p> <p>- equipment of processing, storage of catheters, urinals;</p> <p>- the procedure for sanitary and hygienic treatment of surgical patients with pediculosis in the emergency room.</p>	<p>ine pulse on peripheral arteries;</p> <p>- - to care for the tracheostomy, to enteral nutrition through the gastrostomy</p> <p>To carry out colostomy treatment and replacement of the colostomy bag, to carry out treatment of the urinary catheter and replacement of the ureter-to collect urine analysis: General, for Nechiporenko, for zimnitsky.</p>	<p>surgical instruments, medical equipment, sanitary equipment, linen contaminated with secretions and blood, catheters, probes, enema tips, spatulas</p> <p>- methods of weighing patients, measurement of growth and registration of indicators;</p> <p>- method of measuring body temperature and its registration;</p> <p>- - methods of using inflatable circles, foam pads of anti-bedsores mattress for the prevention of bedsores;</p> <p>- methods of collecting sputum, vomit, feces, urine.</p>
3.	PC- 21	<p>Readiness for analysis and public presentation of medical information on the basis of evidence-based medicine</p>	<p>- - fundamentals of evidence-based medicine</p> <p>--sources of scientific information</p> <p>--basic information of medical database "IPRbooks" (www.iprbookshop.ru); ELS "Consultant of a student" (www.studmedlib.ru); Scientific electronic library (http://www.elibrary.ru); Related world medical</p>	<p>- to work with literature;</p> <p>-to summarize the material;</p> <p>-to identify problems;</p> <p>- make your own reasoned conclusions;</p> <p>-to execute work in accordance with the requirements.</p>	<p>-methods of scientific information retrieval methods of information processing;</p> <p>-basic techniques for working with scientific and methodological literature on the research problem;</p> <p>-writing and design essay.</p>

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- 21 Treatment and disinfection of patient care items
 22 preliminary, current, final cleanups in Chi-rulechecker office.

4. Place and date of the practice

1. Public health Agency Ulyanovsk regional clinical hospital
2. State healthcare institution "Central clinical medico-sanitary part of a name of V. A. Egorov
3. Public health Agency Ulyanovsk regional clinical center of specialized types of medical care
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

Date: 2nd semester of 1 course.


5. Content of practice

The total complexity of course is 3 credits, 108 hours. Concentrated part of practice is carried out during all second semester of 108 hours. Including the block of care of surgical patients 1,5 credits (54 hours).

6. Structure and content of the practice

6.1 Concentrated part of practice: care for surgical patients (54 hours).

№ п/п	Name of sections and themes	Types of study in practice, including independent work of students	Quantity of Hours	The form of control	
Section 1. Deontology.					
1.1	Deontology.	Ethical standards and principles of behavior of the medical worker in the performance of professional duties.	4	Control of the diary	
Section 2. Work in the surgical units of the hospital					
2.1	Work in the emergency Department of a surgical hospital.	Duties of Junior medical staff of the emergency room. The beaks of laying for the treatment of patients with lice. The procedure for sanitary and hygienic treatment of patients with pediculosis in the emergency room.	10		
2.2	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.. Rules for the prevention of bedsores. Daily sanitary and hygienic treatment of the skin, toilet of the mouth, nose, Treatment of the scalp.	6		
Section 3. Aseptic and antiseptic					

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3.1	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.	6	
Section 4. Care for patients with surgical diseases				
4.1	Care of surgical patients in the postoperative period	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.	8	Control of the diary
4.2	Care for surgical patients with diseases of the abdominal cavity	Gastric lavage, post-operative care for drainage, the introduction of the vapor tube, holding enemas.	6	
4.3	Care for patients with surgical diseases of the genitourinary system	Care of urinary catheter. Sanitary and hygienic treatment of external genitals. Changing of the drainage bag.	8	
Section 5. Basic research.				
5.1	Fundamentals of scientific research.	Principles of work and analysis of scientific literature.	4	Writing abstract.
	Final class.	Credit.	2	Testing, interview, the final control of a diary
	Total hours		54	

7. Research and production technologies, used in practice. Research and development technologies:

7.1 Basic skills of working with research literature


7.2 Thematic search and study of special medical literature in the preparation and writing of the abstract

Scientific and production technologies are not provided

8. Forms of interim certification on the basis of practice

Test with a mark.

9. Educational-methodical and information support of practice8. Form of interim certification by the end of practice

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List of recommended literature:

Basic literature

1. Barykin N. V. Nursing care in surgery : textbook. manual for education. institutions environments. Professor of education, med. colleges and colleges / N. In. Barykina, V. G. Saranska; under the General editorship of B. V. Kabargina. - 15-e Izd. - Rostov-on-don : Phoenix, 2014. - 447 p.: Il. - (Secondary vocational education). - ISBN 978-5-222-21850-1 (per.) : 301.00.

Additional literature

1. Karabaev R. B. Nursing care in various diseases and conditions. Nursing care in surgery : studies.-method. textbook / R. B. Karabaev; USU, Honey. college. - Ulyanovsk : Ulgu, 2016. - 96 p. - Bibliogr.: p. 95. - b/p.

Database, directory and search engine:

1. ABS "IPRbooks" (www.iprbookshop.ru). Contract No. 937 dated 11.12.2015 G.
2. ELS "Consultant of a student" (www.studmedlib.ru). Contract No. 348 KS/19.11.2015 from 10-25 g.


10. Material support of practice

10.1 List of clinical bases required for practical training:

1. Public health Agency Ulyanovsk regional clinical hospital
2. State healthcare institution "Central clinical medico-sanitary part of a name of V. A. Egorov
3. Public health Agency Ulyanovsk regional clinical center of specialized types of medical care
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

10.2 List of equipment required for training practice

- | № | Name |
|----|---|
| 1 | Thermometer |
| 2 | Tracheostomy tube |
| 5 | Urinary catheter |
| 6 | the Urinal |
| 8 | colostomy Bag |
| 10 | Disposable diapers |
| 11 | Kidney tray |
| 12 | Scissors |
| 13 | Laying for treatment of patients with pediculosis |
| 14 | Aprons |
| 15 | The Syringe Janet |
| 16 | Disposable syringes of different size and needle diameter |
| 17 | Medical supplies (cotton, bandages, etc.) |
| 18 | Drain pipes |


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The application


Fund of evaluating tools for training practice “Care of the therapeutic and surgical patients. Primary skills of the research activities”

1. The course is aimed at development of the following competences:

№ п/ п	Index of the competences	The contents of the competences	As a result of the training practice course the student must		
			know	able to	own to
1.	GPC-10	The willingness to organize care for patients and provide primary pre-hospital health care	<ul style="list-style-type: none"> - organization of work and structure of medical institutions; - features of the reception Department and specialized departments of surgical profile; - technique of preliminary, current, final and General cleaning - principles of personal hygiene and methods of its implementation; - diet tables and their importance in therapeutic measures for the recovery of patients; - first aid for gastric bleeding, 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. 	<ul style="list-style-type: none"> - 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 spend the care of febrile patients; - 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. - perform artificial respiration and evaluate its effectiveness; -do an indirect cardiac massage. 	<ul style="list-style-type: none"> - methods of hygienic treatment of hands; - the method of toilet of the mouth, eyes, ears, nasal passages in seriously ill; - methods of change of underwear and bed linen in patients on General and bed rest.
2.	GPC-11	The willingness to use medical devices stipulated order of	<ul style="list-style-type: none"> - rules and methods of transportation of patients in medical institu- 	<ul style="list-style-type: none"> transport patients in a medical facility; - to measure the 	<ul style="list-style-type: none"> - rules and methods of transportation of patients in the medical insti-

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		rendering of medical aid	tion; Rules for the care of the tracheostomy. The rules of feeding through a gastrostomy tube. Urinary catheter care rules - regulation Rules of colostomy treatment and replacement of the colostomy bag. - laboratory methods of diagnosis, rules of collection of biological materials in surgical diseases of the gastrointestinal tract, respiratory organs; - equipment of processing, storage of catheters, urinals; - the procedure for sanitary and hygienic treatment of surgical patients with pediculosis in the emergency room.	body temperature and is graphically reflect in the temperature sheet; --to count the respiratory movements and evaluate the result; --measure blood pressure, examine pulse on peripheral arteries; - - to care for the tracheostomy, to enteral nutrition through the gastrostomy To carry out colostomy treatment and replacement of the colostomy bag, to carry out treatment of the urinary catheter and replacement of the ureter-to collect urine analysis: General, for Nechiporenko, for zimnitsky.	tution; - methods of treatment of patients with pediculosis; - methods of disinfection of medical facilities and products (thermometers, aprons, bedpans, urinals, rooms, surgical instruments, medical equipment, sanitary equipment, linen contaminated with secretions and blood, catheters, probes, enema tips, spatulas - methods of weighing patients, measurement of growth and registration of indicators; - method of measuring body temperature and its registration; - - methods of using inflatable circles, foam pads of anti-bedsores mattress for the prevention of bedsores; - methods of collecting sputum, vomit, feces, urine.
3.	PC- 21	Readiness for analysis and public presentation of medical information on the basis of evi-	- - fundamentals of evidence-based medicine --sources of scientific information --basic information	- to work with literature; -to summarize the material; -to identify problems;	-methods of scientific information retrieval methods of information processing;

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		dence-based medicine	of medical database "IPRbooks" (www.iprbookshop.ru); ELS "Consultant of a student" (www.studmedlib.ru); Scientific electronic library (http://www.elibrary.ru); Related world medical journals in the English language: (http://www.medmir.com). rules of drawing up and registration of the bibliographic list (GOST 7.1— 84 (Bibliographic description of the document. General requirements and rules of preparation) - stages of the study of literary sources - information processing methods - fundamentals of research methodology.	- make your own reasoned conclusions; -to execute work in accordance with the requirements.	-basic techniques for working with scientific and methodological literature on the research problem; -writing and design essay.
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2. Passport of the fund of evaluating tools for training practice


№ п/п	Controlled section	Index of the controlled competency	Evaluating tools		The technology of assessment
			Name № tasks	name № tasks	
Section 1 Deontology					
1.1	Ethical standards and principles of behavior of the medical worker in the performance of professional duties.	GPC -10, To know	tests	1. 2. 4. 7. 9. 10. 15. 16. 18. 26	To look criteria and evaluation scale
		GPC -10, To be able	tests	1. 11. 12. 19. 21. 22. 25. 28	-//-

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		GPC -10, To own	tests	1. 6. 8. 13. 14. 17. 23. 24. 27. 29.	
Section 2					
Work in the surgical units of the hospital					
2.1	Work in the emergency Department of surgical hospitals. The concept of General care.	GPC -10, To know	tests	31,34-36, 39, 43, 44, 46-51, 54, 55, 58	-//-
		GPC 11 To know	tests	32, 40, 41, 42, 44, 56, 57	-//-
		GPC -10, To be able	tests	34-36, 39, 43, 44, 46-51, 58	-//-
		GPC -11 To be able	tests	32, 40, 41, 42, 44, 56, 57	-//-
		GPC -10, To own	tests	39, 44,47, 49	-//-
		GPC -11 To own	tests	33, 37, 38, 42, 44.	-//-
2.2	Surgical Department of the hospital. Must-news of Junior medical staff of the surgical Department. General principles of care for surgical patients and.	GPC -10, To own	tests	59-61, 66, 68-72, 74, 75,78, 80	-//-
		GPC -11 To know	tests	60, 62-65, 67, 70, 73, 76, 77, 79	-//-
		GPC -10, To be able	tests	59-61, 66, 68-72, 74, 75,78, 80	-//-
		GPC -11 To be able	tests	60, 62-65, 67, 70, 73, 76, 77, 79	-//-
		GPC -10, To own	tests	59-61, 66, 68-72, 74, 75,78, 80	-//-
		GPC -11 To own	tests	60, 62-65, 67, 70, 73, 76, 77, 79	-//-
Section 3.					
Aseptic and antiseptic					
3.1	Aseptic and antiseptic.	GPC -10, To know	tests	81-85, 88-92, 98-100	-//-
		GPC -11 To know	tests	86-97, 99-100	-//-
		GPC -10, To be able	tests	81-85, 88-92, 98-100	-//-
		GPC -11	tests	86-97,	-//-

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		To be able		99-100	
		GPC -10, To own	tests	81-85, 88-92, 98-100	-//-
		GPC -11 To own	tests	86-97, 99-100	-//-
Section 4. Care for patients with surgical diseases					
4.1	Care for surgical patients with diseases of the abdominal cavity	GPC ОПК-10, To know	tests	101, 102, 104-113, 115, 117, 119- 129	-//-
		GPC ОПК-11 To know	tests	102-104, 107, 110, 111, 114-118, 121, 123-129	-//-
		GPC -10, To be able	tests	101, 102, 104-113, 115, 117, 119- 129	-//-
		GPC -10, To be able	Situational concerns	3, 7, 9	-//-
		GPC -11 To be able	тесты	102-104, 107, 110, 111, 114-118, 121, 123-129	-//-
		GPC -10, To own	tests	101, 102, 104-113, 115, 117, 119- 129	-//-
		GPC -11 To own	tests	102-104, 107, 110, 111, 114-118, 121, 123-129	-//-
4.2	Care of surgical patients in the postoperative period. Stoma care.	GPC ОПК-11 To know	tests	130 -156	-//-
		GPC ОПК-11 To know	Individual task	1-5	-//-
		GPC 21 To be able	Individual task	1-5	-//-
		GPC -11 To be able	tests	130 -156	-//-
		GPC -11 To be able	Situational concerns	1-5, 7, 8.	-//-
		GPC -11 To own	tests	130 -156	-//-
4.3	Care for patients with surgical diseases of the genitourinary system	GPC ОПК-10, To know	tests	157,158, 163,164,168, 169, 172, 173	-//-
		GPC -11 To know	tests	158-163, 165-167,170,	-//-

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			171, 174,175	
	GPC -10, To be able	tests	157,158, 163,164,168, 169, 172, 173	-//-
	GPC -11 To be able	tests	158-163, 165-167,170, 171, 174,175	-//-
	GPC ОПК-11 To be able	Situational concerns	6, 8	-//-
	GPC -10, To own	tests	157,158, 163,164,168, 169, 172, 173	-//-
	GPC -11 To own	tests	158-163, 165-167,170, 171, 174,175	-//-
Section 5. Basic research.				
5.1 Fundamentals of the scientific approach in the examination of patients.				
	PC-21	Abstract, tests.	176-206	-//-
Зачет	GPC -10, To know	tests	1. 2. 4. 7. 9. 68-72, 74, 81-85, 157,158, 163,164,168,	-//-
	GPC-11 To know	tests	32, 40, 41, 42, 44, 56, 130 -136, 102-104, 107, 158-163	-//-

3. Progress tests for training practice (GPC-10, GPC-11, PC-21)

For example:

MEDICAL DEONTOLOGY IS

- a) an independent science about the duty of medical professionals
- b) applied, normative, practical part of medical ethics
- C) independent science of moral, ethical and legal relations between medical workers, patients and their relatives
- d) the science of the relationship between health workers
- e) the science of good manners

Answer: b


The concept of "medical ethics" includes:

- A) the form of public consciousness and the system of social regulation of medical workers;
- B) the form of legal regulation of medical workers.

Answer: a

THE PRINCIPLE OF RELATIONS BETWEEN MEDICAL WORKERS AND PATIENT'S RELATIVES IS

Форма Б

<p style="text-align: center;">RF Ministry of Education Ulyanovsk State University Faculty of Medicine named after Biktimirov T.Z. Department of the propedeutics of internal diseases Department of the general and operative surgery with topographic anatomy and the course of dentistry</p>	Form	
<p>F – Educational plan of the course of training practice “Care of the therapeutic and surgical patients. Primary skills of the research activities”, course 31.05.01 “General Medicine”</p>		

- (a) trust
- b) suspicion
- (C) lack of information
- d) secrecy
- e) does not matter

Answer: a

The concept of "medical ethics" includes the concept of "medical deontology":

- (A) Yes;
- B) no.

Answer: a

Which of the following definitions is more consistent with the concept of "bioethics"?

- (a) advances in biomedical technology;
- b) social, legal and ethical consequences of the use of biomedical technology.

Answer: b

What is the subject of medical confidentiality?

- (a) information on the condition of the patient during his illness;
- b) information on the fact of applying for medical care, the patient's state of health, the diagnosis of his disease and other information obtained during his examination and treatment;
- C) all of the above.

Answer: b

Medical deontology is:

- A) an independent science about the duty of medical professionals;
- B) applied, normative, practical part of medical ethics.

Answer: (B)

THE PRINCIPLE OF RELATIONS BETWEEN MEDICAL WORKERS AND PATIENT'S RELATIVES IS

- (1) distrust
- (2) suspicion
- 3) full information*
- 4) stealth
- 5) doesn't matter

The answer is 3


The term "deontology" introduced into scientific use:

- (a) O. Comte;
- b) Socrates;
- (C) I. Bentham;
- d) I. Kant;
- e) Hippocrates.

Answer: b

Medical ethics is:

- A) specific manifestation of General ethics in the work of a doctor;
- B) the science dealing with the medical issues of humanity, issues of duty, honor, conscience and dignity of health workers;
- C) the science that helps to develop a doctor's ability to moral orientation in difficult situations that require high moral, business and social qualities;
- D) all of the above is true;
- E) there is no right option.

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Answer: D

The principle of the relationship between the patient and the doctor are

- (1) arrogance
- (2) suspicion
- 3) goodwill*
- 4) assertiveness
- 5) doesn't matter

The answer is 3

The principle of the relationship between the patient and the doctor is

- (a) trust
- b) suspicion
- (C) arrogance
- d) assertiveness
- e) does not matter

Answer: a

Medical confidentiality is necessary for:

- a) protection of the inner world of man, his autonomy;
- b) protection of social and economic interests of the individual;
- C) creation of the basis of trust and frankness of doctor-patient relationship";
- d) maintaining the prestige of the medical profession;
- e) all of the above.

Answer: d

THE FOUNDATIONS OF THE RELATIONSHIP BETWEEN HEALTHCARE PROFESSIONALS APPLIES

- a) complete and truthful information
- b) information within reasonable limits
- (C) suspicion
- d) arrogance
- e) does not matter

Answer: a

The term "deontology" to refer to the doctrine of proper behavior, actions, mode of action was introduced by the English philosopher I. Bentham in

- a) XYII century;
- b) XYIII.;
- (C)XIX century.;
- (d) twentieth century.


Answer: b

Professional ethics is:

- a) an approach aimed at harmonizing the interests of the individual's society;
- b) the doctrine of proper behavior, actions, mode of action;
- C) the science of professional morality as a set of ideals and values, ideas about due, ethical principles and norms of behavior that reflect the essence of the profession.
- d) a set of rules relating to the external manifestation of the relationship to people.

Iatrogenic diseases are:

- (a) special cases of psychogeny;
- b) undesirable changes in the psyche, generated by doctor;
- C) mental disorders as a result of the impact of the "word" doctor;
- d) all of the above is true.

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Answer: g

Medical ethics studies:

- (A) standards of conduct for health workers
- B) personal qualities of the patient, the medical worker
- C) patient's worldview
- E) legal aspects of nursing activities

Answer: A

Whether to allow euthanasia (artificial approach of death at the patient's request) by the health legislation?

- (A) Yes;
- B) no.

Answer: (B)

THE FOUNDATIONS OF THE RELATIONSHIP BETWEEN HEALTHCARE PROFESSIONALS APPLIES

- (1) suspicion
- 2) information within reasonable limits
- (3) respect*
- (4) arrogance
- 5) doesn't matter

The answer is 3

Criteria and evaluation scales:

- criteria of evaluation – the correct answers on the questions;
- an evaluation indicator – per cent of the correct answers on the questions;
- an evaluation scale (assessment) – 4 levels of evaluating competences are distinguished:

High (excellent) – is more 80% of the correct answers;

Sufficient (good) – from 60 to 80% of the correct answers;

Borderline (satisfactory) – from 50 to 60% of the correct answers;

critical (unsatisfactorily) – is less 50% of the correct answers.

Situation objectives

GPK11 Situational task №1

In a patient with gastrostomy, redness of the visible mucosa, soreness, that is, signs of inflammation. Nurse tactics?

Answer to situational problem #1

If you develop skin problems, it is necessary to invite a specialist in enterostomal or care for wounds.


In order to prevent irritation, you need to change the bandage every day and apply zinc ointment to the skin around the stoma.

GPK11 Situational task №2

After feeding through a temporary gastrostomy, the nurse fixed the end of the tube with a band-aid to the patient's skin. Is it true tactic nurses?

Response to the situational task number 2

- 1. Rinse with warm boiled water or furatsilina solution 1: 5000, or 10% solution of tannin, or 0.5 % solution of potassium manganese-acid.
- 2. Dry with wipes.
- 3. On prescription, apply an indifferent ointment, paste, powder: zinc paste, pas-TA Lassara, dermatol paste, ointment “Stomachetiv”; powder: dry tannin, talc, kaolin.

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4. After absorption, remove the remnants with a napkin.

5 Apply aseptic dressing.

GPK10 Situational task №3

Patient ileostomy appeared excessive gas. The patient turned to the nurse for recommendations. Nurse tactics.

The answer to the situational problem №3.

The nurse gives the following recommendations for the correction of nutrition:

Exclude some products from the diet because excessive gas formation occurs when using milk, cabbage, cucumbers, peas, nuts, beans. The use of activated carbon significantly reduces the formation of gases.

GPK11 Situational task № 4

In a patient with tracheostomy saliva and mucus accumulate in the oral cavity, cracks form on the lips. Nurse tactics.

Response to a situational problem №4

In this regard, the nurse should carefully remove mucus from the nasopharynx every day. The tongue in the gape reach the mouth, lips clean with a swab soaked in physiological solution. Lubricate lips with a moisturizing cream.

GPK11 Situational task № 5

In patients with tracheostomy, during suctioning of mucus developed hypoxia. What's the nurse's mistake?

The answer to the situational problem № 5

To prevent hypoxia in the patient, it is necessary to carry out suction no longer than 10 – 15 seconds. for the 1st time. The patient should rest for 1 – 3 minutes.

GPK11 Situational task № 6

The patient complains of the presence of ammonia odor from the urinal. Nurse tactics.

The answer to the situational problem № 6

After emptying the ureter, it is filled with 50 – 100 ml. slightly colored furatsilina or rivanol solution, which in addition to aseptic action eliminates the ammonia smell of decomposed urine.

3.2. Individual task.

Make a complete bibliographic list of literature for the last 5 years on the topics:


1. The care of tracheostomy GPC 11, PC 21
2. Care of gastrostomy. GPC 11, PC 21
3. Care of a colostomy GPK 11, PC 21
4. Care epicystostomy GPC 11, PC 21
5. Care of urinary catheter GPK 11, PC 21

3.3 Diary of the practice:

Diary on practical training developed and approved by the UMK Ulsu medical faculty, issued individually to each student before practice.

Evaluation criteria and scales:

- evaluation criteria – correct and full disclosure of questions;
- evaluation indicator – depth and quality of the questions worked out, design abstract's;
- scale of assessment (assessment) – 4 levels of assessment of competences are allocated: high (excellent) - all issues are covered correctly and completely, the design corresponds to the requirements of the guidance documents;

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sufficient – the questions is not adequately disclosed, the design corresponds to the requirements of internal guidance documents;

threshold – the issues are not disclosed, the design meets the requirements of internal guidance documents;

critical – the issues are not disclosed, the design does not meet the requirements of internal guidance documents;

3.4 List of competences for the course of training practice “Care of therapeutic and surgical patients.

Primary skills of the research work”, indicating the stages of their formation in the process of development GEP

№ se- mester	Name of discipline (module) or practices	Index competence		
		GPC-10	GPC-11	PC-21
2	Care of therapeutic and surgical patients. Primary skills of the research work	+	+	+
6-7	Topographical anatomy and operative surgery	+	+	
2	Care of surgical patients. Primary skills of the research work	+	+	+
2	Junior medical staff assistant	+	+	
4	As nurse assistant	+	+	
6	As procedural nurse assistant	+	+	
4-5	General surgery. Introduction to the speciality		+	
7	Dentistry		+	
7-8	Neurology, medical genetics, neurosurgery		+	
7	Otorhinolaryngology		+	
7-8	Faculty surgery		+	
7-11	Obstetrics and gynecology		+	
9	Ophthalmology		+	
10	Traumatology, orthopaedy		+	
12	Oncology, radiation therapy		+	
10	Modern problems of miscarriage		+	
8	Physician Assistant hospital. Research work		+	+
1	Medical ethic			+
1-3	Anatomy			+
3-4	Psychology and pedagogy of the medical practice			+
3	Neuroanatomy			+
6	Nanotechnology in the medicine			+
3	Modern biomedical technologies			+
12	The state final examination	+	+	+