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Khanty-Mansiysk Autonomous Okrug-Ugra  
 "Surgut State University"

Approved by  
 Deputy Rector for Academic Affairs

\_\_\_\_\_ E.V. Konovalova

“13 ” June 2024, Record No. 5

## NURSING

### Syllabus

Department	<b>Multidisciplinary clinical training</b>
Curriculum	s310501-ЛечДелоИн-2024-2.pli.xml Specialty 31.05.01 General Medicine
Qualification	<b>General Practitioner</b>
Form of education	<b>Full-time</b>
Total (in credits)	2

Total academic hours	72
including:	
Contact	56
Self-study	16
Control hours	27

Control:  
 Credit, 4<sup>th</sup> term

### Course outline in terms

Academic year/ (Term)	4 (2.2)		Total	
	Cur	Syl	Cur	Syl
Weeks	17 2/6			
Lectures	8	8	8	8
Practical	48	48	48	48
Contact	56	56	56	56
Self-study	16	16	16	16
Total	72	72	72	72

The Syllabus is compiled by:

*PhD in Medicine Sciences, senior teacher Gromova G.G.*

The Syllabus

**Nursing**

Developed in accordance with Federal State Educational Standard:

Federal State Educational Standard of higher education in the specialty 31.05.01 General medicine (Order of the Ministry of Education and Science of the Russian Federation on August 12, 2020 No. 988)

Based on the Curriculum:

31.05.01 GENERAL MEDICINE

Specialization: General Medicine

Approved by the Academic Council of Surgut State University, “13 ” June 2024, Record No. 5

The Syllabus was approved by the department

**Multidisciplinary clinical training**

“17” April 2024, Record No17”

Head of Department, Doctor of Medicine, Professor Klimova N.V.

1. COURSE OBJECTIVES	
1.1	The aim is training in nursing care for patients of therapeutic and surgical profile, providing pre-medical care
1.2	The objectives:
1.3	- formation of skills to create a safe environment when working with medical products
1.4	- provision of pre-hospital care
1.5	- nursing care for patients

2. COURSE OVERVIEW	
Course code (in curriculum)	Б1.О.04
<b>2.1</b>	<b>Assumed background:</b>
2.1.1	Anatomy
2.1.2	Chemistry
2.1.3	Biology
2.1.4	Theoretical foundations for the study of patient care
2.1.5	Educational practice introductory to the care of patients with therapeutic and surgical profile
<b>2.2</b>	<b>Post-requisite courses and practice:</b>
2.2.1	Internal Diseases Propaedeutics, X-Ray Diagnostics
2.2.2	Faculty Therapy, Professional Diseases
2.2.3	Hospital Therapy, Endocrinology
2.2.4	Internal Diseases Propaedeutics, X-Ray Diagnostics

3. COMPETENCES UPON COMPLETION OF THE COURSE (MODULE)
<b>GPC-6.1: Provides primary health care, provides patient care</b>
<b>GPC-6.2: Conducts preventive medical examinations, medical examinations, carries out medical supervision, makes professional decisions and provides medical assistance in case of emergency conditions at the pre-hospital stage</b>
<b>PC-8.3: Ensures internal quality control and safety of medical activities within the scope of official duties, monitoring the performance of duties by secondary and junior medical personnel and other medical workers of their official duties</b>
<b>PC-2.1 Evaluates the condition of a patient requiring emergency or urgent medical care, diagnoses a life-threatening condition, including clinical death;</b>

**By the end of the course students must:**

<b>3.1</b>	<b>Know:</b>
3.1.1	signs of myocardial infarction, heart rhythm violations and acute heart failure
3.1.2	steps of the nursing process
3.1.3	classification of nursing diagnoses
3.1.4	rules for drawing up the plan of nursing intervention
3.1.5	preparation of the patients for emergency and planned surgical treatment
3.1.6	patient care in the first hours after surgery, early and late postoperative periods
3.1.7	monitoring and care of patients with therapeutic and surgical pathology
3.1.8	Prevention of infection. related to the provision of medical care
3.1.9	preparation of patients for laboratory and instrumental research methods
3.1.10	rules for the registration of ECG
3.1.11	methods and purpose of healthy lifestyle enlightenment
3.1.12	classification of medical waste
3.1.13	knows the norm of the basic vital functions of the body
3.1.14	indications for indirect heart massage
<b>3.2</b>	<b>Be able:</b>

3.2.1	<input type="checkbox"/> to care about patients
3.2.2	<input type="checkbox"/> to evaluate the nursing interventions' effectiveness
3.2.3	<input type="checkbox"/> to provide the first aid in case of emergency
3.2.4	<input type="checkbox"/> to make injections
3.2.5	<input type="checkbox"/> to conduct ventilation of lungs
3.2.6	<input type="checkbox"/> to perform indirect heart massage
3.2.7	<input type="checkbox"/> to perform (primary and secondary) surgical treatment of the wound
3.2.8	to give enemas,
3.2.9	<input type="checkbox"/> to irrigate the stomach
3.2.10	<input type="checkbox"/> to identify the electrocardiogram of arrhythmia, myocardial infarction
3.2.11	<input type="checkbox"/> to introduce a parenteral drug
3.2.12	<input type="checkbox"/> to process injections
3.2.13	determine the indications for pre-medical care
3.2.14	provide first aid for fever, vomiting, anaphylactic shock, diabetic comas, bronchial asthma attack
3.2.15	indirect heart massage

#### 4. STRUCTURE AND CONTENTS OF THE COURSE (MODULE)

Class Code	Topics /Class type	Term / Academic year	Academic hours	Competences	Literature	Interactive
	<b>Section 1.</b>					

1.1	Prevention of infection related to medical care / lecture /	4	2	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.2	Prevention of infection related to medical care / practical classes /	4	4	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.3	Prevention of infection related to medical care /Self-study /	4	1	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.4	Organization of nursing care. Nursing care at fever. / lecture /	4	2	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1 E1 E2 E3 E4	
1.5	Organization of nursing care. Nursing care at fever. / practical classes /	4	4	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.6	Organization of nursing care. Nursing care at fever. /Self-study/	4	1	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.7	Nursing care at diseases of the respiratory system / lecture /	4	2	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.8	Nursing care at diseases of the respiratory system / practical classes /	4	4	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.9	Nursing care at diseases of the respiratory system /Self-study /	4	1	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1 E1 E2 E3 E4	
1.10	Rules of registration of ECG. Nursing care for diseases of the cardiovascular system / lecture /	4	2	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.11	Rules of registration of ECG. Nursing care for diseases of the cardiovascular system / practical classes/	4	4	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.12	Rules of registration of ECG. Nursing care for diseases of the cardiovascular system /Self-study /	4	1	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.13	Nursing care at diseases of the digestive system and urinary system diseases / practical classes /	4	4	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.14	Nursing care at diseases of the digestive system and urinary system diseases /Self-study /	4	1	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.15	Nursing care at diabetes / practical classes /	4	4	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1 E1 E2 E3 E4	
1.16	Nursing care at diabetes /Self-study /	4	1	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	

1.17	Subcutaneous, intradermal and intramuscular injections / practical classes /	4	4	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.18	Subcutaneous, intradermal and intramuscular injections /Self-study /	4	1	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.19	Intravenous injection and vein catheterization./ practical classes/	4	4	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.20	Intravenous injection and vein catheterization. /Self-study /	4	1	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.21	Guidelines for performing intravenous drip / practical classes /	4	4	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.22	Guidelines for performing intravenous drip /Self-study /	4	1	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.23	First aid in case of emergency. / practical classes /	4	4	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.24	First aid in case of emergency. /Self-study /	4	1	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	
1.25	Desmurgy / practical classes /	4	8	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1 E1 E2 E3 E4	
1.26	Desmurgy /Self-study /	4	1	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1 E1 E2 E3 E4	
1.27	Concluding session /Self-study //	4	3	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1 E1 E2 E3 E4	
1.28	Control work /Control /	4	0	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1 E1 E2 E3 E4	Control work
1.29	Credit	4	0	GPC -6.1 GPC -6.2 PC- 2.1 PC-8.3	L1.1L2.1L3.1	Credit

#### . ASSESSMENT TOOLS

##### 5.1. Assessment tools for midterm assessment

Presented by a single document

##### 5.2. Assessment tools for diagnostic testing

Presented by a single document

<b>6. COURSE (MODULE) RESOURCES</b>				
<b>6.1. Recommended Literature</b>				
<b>6.1.1. Core</b>				
	Authors	Title	Publish., year	Quantity
Л1.1	Arkhipova, S. V., Karaseva, L. A., Muntyan, I. A., Belikova, O. V., Barbasheva, S. S., Dvoynikov, S. I.	Clinical nursing skills: study aid for students of medical universities	electronic resource	1
<b>6.1.2. Supplementary</b>				
	Authors	Title	Publish., year	Quantity
Л2.1	Badretdinova, A. I., Klimenko, A. S., Kostsova, N. G. et al.	Nursing care in surgery	electronic resource	1
Л2.2	Kasimovskaya N.A.	Atlas of nursing manipulations	electronic resource	1
Л2.3	Badretdinova, A. I., Klimenko, A. S., Kostsova, N. G. et al.	Nursing care in surgery	electronic resource	1
<b>6.1.3. Methodical development</b>				
	Authors	Title	Publish., year	Quantity
Л3.1	Kostsova N.G., Badretdinova A.I., Tigai Zh.G.	Basics of Nursing Care in Surgery	electronic resource	1
<b>6.2. Internet resources</b>				
E1	Educational resource for doctors. Dia Academy			
E2	Endocrinological scientific center of the ministry of health of the Russian			
E3	Medline			
E4	FreeMedicalJournals			
<b>6.3.1 Software</b>				
6.3.1.1	Operational system Microsoft, applied programs pack Microsoft Office			
<b>6.3.2 Information Referral systems</b>				
6.3.2.1	<a href="http://www.garant.ru">http://www.garant.ru</a> "Garant"			
6.3.2.2	<a href="http://www.consultant.ru">http://www.consultant.ru</a> "Consultant Plus"			
<b>7. MATERIAL AND TECHNICAL SUPPORT OF DISCIPLINE (MODULE)</b>				
7.1	Classrooms have a material and technical equipment that provides for all types of disciplinary and interdisciplinary training, practical and research work of students as stated in the work program, and complies with current sanitary and fire regulations and standards.			