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**Institute of Medicine** 

educational division (faculty/institute/academy) as higher education programme developer

#### **COURSE SYLLABUS**

Organization of Special Care for Patients

course title

#### **Recommended by the Didactic Council for the Education Field of:**

31.05.01 General Medicine

field of studies / speciality code and title

The course instruction is implemented within the professional education programme of higher education:

General Medicine

higher education programme profile/specialisation title

2022-2023

1. COURSE GOAL(s)

The goal of the course "Organization of special care for patients" is to equip students with the knowledge necessary for organizing specialized care for patients with various pathologies in medical organizations.

### 2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) "Organization of special care for patients" is aimed at the development of the following competences /competences in part: GPC-9, PC-4, PC-5.

Competence code	Competence descriptor	Competence formation indicators (within this course)
GPC-9	Ability to implement the principles of quality management in professional activities	<ul><li>GPC - 9.1. Ability to perform professional activities of appropriate quality.</li><li>GPC - 9.3. Ability to develop a plan of organizational and methodological measures to achieve an appropriate level of quality of</li></ul>
PC-4	Ability to implement and monitor the effectiveness of the patient's medical rehabilitation, including the implementation of individual programs for the rehabilitation of the disabled patients, assess the patient's ability to work	professional activity. PC-4.3. Ability to perform measures of medical rehabilitation of the patient, including the implementation of an individual program of rehabilitation of the disabled patients, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care.
PC -5	Ability to carrying out and monitoring the effectiveness of measures to prevent and promote a healthy lifestyle and sanitary and hygienic education of the population	PC-5.5. Ability to prescribe preventive measures to patients taking into account risk factors in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care.

Table 2.1. List of competences that students acquire through the course study

#### **3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE**

The course refers to the <u>core</u>/variable/elective\* component of (B1) block of the higher educational programme curriculum.

\* - Underline whatever applicable.

Within the higher education programme students also master other (modules) and / or internships that contribute to the achievement of the expected learning outcomes as results of the course study.

<i>Table</i> 3.1.	The list of the	higher education	programme	components/disciplines that
contribute to the a	chievement of th	e expected learni	ng outcomes	s as the course study results

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
GPC-9	Ability to implement the principles of quality management in professional activities	Normal physiology Anatomy Biology	Public health and healthcare, healthcare economics
PC-4	Ability to implement and monitor the effectiveness of the patient's medical rehabilitation, including the implementation of individual programs for the rehabilitation of the disabled patients, assess the patient's ability to work	Normal physiology Anatomy Biology	Immunology; Hygiene; Medical rehabilitation; Polyclinic therapy; Infectious diseases; Examination of temporary disability
PC-5	Ability to carrying out and monitoring the effectiveness of measures to prevent and promote a healthy lifestyle and sanitary and hygienic education of the population	Normal physiology Anatomy Biology	Immunology; Hygiene; Medical rehabilitation; Polyclinic therapy; Infectious diseases; Examination of temporary disability

\* To be filled in according to the competence matrix of the higher education programme.

### 4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course "Organization of special care for patients" is 2 credits (72 academic hours).

 Table 4.1. Types of academic activities during the periods of higher education

 programme mastering (full-time training)\*

Type of academic activities		Total academic hours	Semesters/trainin g modules 3
Contact academic hours	34	34	
Including:			
Lectures (LC)		-	-
Lab work (LW)		34	34
Seminars (workshops/tutorials) (S)			
Self-studies		32	32
<i>Evaluation and assessment (exam/passing/failing grade)</i>		6	6
Course workload acade mic			
		72	72
	hours		

credits 2 2
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## **5. COURSE CONTENTS**

Table 5.1.	Course c	contents	and	academic	activities	types

Course module title	Course module contents (topics)	Academic activities types
Module 1 Specialized care	Topic 1.1. Organization of special care. Staff training. Job responsibilities. Medical-legal, medical-social, medical- psychological, pedagogical aspects. Organization of the patient's school.	LW
Module 2 Specialized care in neurology	Topic 2.1. Organization of care for patients with stroke, cerebral ischemia, mental disorders. Process, phases, planning, care assessment. Special care and rehabilitation products. Topic 2.2. Organization of specialized care for patients with Parkinson's disease	LW
Module 3 Specialized care for dementia patients.	Topic 3.1. Organization of specialized care for patients with Alzheimer's disease. Organization of care for patients with Peak's disease (frontotemporal dementia). Special care and rehabilitation products.	LW
Module 4 Specialized care in oncology	Topic 4.1. Organization of care at various stages of the oncological process. Process, phases, planning, care assessment. Communication problems. Disease care. Recovery is faith and hope. Pain. Smell. The risk of development and formation of bedsores. Skin care in the irradiated area. Nutrition. Medical and protective regime. Special care and rehabilitation products.	LW
Module 5 Specialized care for incontinence	Topic 5.1. Bedsores. Causes. Treatment. Process, phases, planning, assessment of care Topic 5.2. Incontinence. Incontinence problems. Causes. Treatment. Process, phases, planning, care assessment. Means of care and rehabilitation for incontinence, features of choice, selection, usage. Skin care, features of intimate hygiene. Depression. Patient's school.	LW
Module 6 Specialized care in endocrinology	Topic 6.1. Organization of specialized care for patients with diabetes. Causes. Process, phases, planning, assessment of care. The patient's school.	LW
Module 7 Specialized care in pulmonology	Topic 7.1. Features of care for broncho-pulmonary pathology. Process, phases, planning, care assessment. The position of the patient in bed. Drainage laying. Oxygen therapy. Inhalation. Respiratory and therapeutic exercises, massage. Patient's diary. Observation, self-control, self- care. Care and rehabilitation products.	LW

Module 8 Specialized trauma care	Topic 8.1. Features of care for violations of the integrity of the musculoskeletal system, skeletal traction, plaster casts. Prevention of pressure sores, incl. under plaster casts, splints. Skin care. Prevention of pneumonia. Increased physical activity.	LW
Module 9 Specialized care for patients with HIV / AIDS	Topic 9.1. Features of invasive procedures. Process, phases, planning, care assessment. Examination and hygiene of the oral cavity as a marker of the manifestation of HIV / AIDS, the state of the body. Skin care, manicure, pedicure. Prevention of infection.	LW

\* - to be filled in only for <u>full</u>-time training: *LC* - *lectures; LW* - *lab work; S* – *seminars.* 

# 6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
Lab-work	A classroom for laboratory work, individual consultations, routine monitoring and interim certification, equipped with a set of specialized furniture and equipment (classroom 441)	A set of specialized furniture equipped with multimedia projectors. Software OS Windows XP, Vista, 7, office suite OpenOffice.org (or MS Office 2003, 2007),
Self-studies	A classroom for students' independent work (can be used for laboratory classes and consultations), equipped with a set of specialized furniture (classroom 441)	A set of specialized furniture equipped with multimedia projectors. Software OS Windows XP, Vista, 7, office suite OpenOffice.org (or MS Office 2003, 2007),

 Table 6.1. Classroom equipment and technology support requirements

#### 7. RESOURCES RECOMMENDED FOR COURSE STUDY STUDIES

#### Main readings:

- 1. Kostsova N. G., Tigay Zh. G. and others. Basics of patient care in a surgical clinic. Educational and methodical manual. –Moscow: RUDN. 2017. 183 p.
- 1. Nursing. Practical guide: textbook. allowance / under. ed. I.G. Gordeeva, S.M. Otarova, Z.Z. Balkizova. –M.: GEOTAR-Media., 2017. -567 p.
- 3. 2. Kostsova N. G., Tigay Zh. G. and others. Basics of patient care in a therapeutic clinic. Educational and methodical manual. –Moscow: RUDN. 2016. 178 p.
- 4. 4. Shibacheva N. N., Orlova S. N., E. N. Kopysheva, S. A. Mashin, E. P. Kalistratova Organization of work of medical institutions for the prevention of infections associated with the provision of medical care Textbook for doctors Ivanovo,2014 216 p.

Additional readings:

- Evseev M. A. Patient care in a surgical clinic. –M. : Publishing house: GEOTAR-Media. -2010. -192 s. //format: DOC, Size: 42.6 MB <u>http://www.kodges.ru/nauka/obrazovanie/119905-uxod-za-bolnymi-v-xirurgicheskoj-klinike.html</u>
- 2. Sharocheva M.A. Tikhomirova V.A. Technologies for performing simple medical services. Nursing care manipulations: textbook-M: GEOTAR-Media, 2020.-368s.

#### Resources of the information and telecommunications network "Internet":

1. EBS RUDN and third-party EBS, to which University students have access on the basis of concluded agreements:

- Electronic library system of RUDN EBS RUDN http://lib.rudn.ru/MegaPro/Web
- EBS Yurayt http://www.biblio-online.ru
- EBS "University library online" http://www.biblioclub.ru -ABS urite http://www.biblio-online.ru
- EBS "student Consultant" www.studentlibrary.ru
- EBS "LAN" http://e.lanbook.com/

1. Database and search engine

- NCBI: https://p.360pubmed.com/pubmed/

- Bulletin of the RUDN: access mode from the territory of the RUDN and remotely http://journals.rudn.ru /

- Scientific Library Elibrary.ru : access by IP addresses of the RUDN at:

http://www.elibrary.ru/defaultx.asp

- ScienceDirect (ESD), "Freedom Collection", "Cell Press" and "Elsevier". There is remote access to the database, access by the IP addresses of the RUDN (or remotely by an individual login and password).

- Scopus - scientometric database of the publishing house of the publishing house "Elsevier". Access to the platform is carried out by the IP addresses of the RUDN or remotely. http://www.scopus.com/

- Web of Science. Access to the platform is carried out by the IP addresses of the RUDN or remotely. http://login.webofknowledge.com/

#### 1. Methodological guidelines for students on the development of the discipline. *Training toolkit for self- studies to master the course* \*:

1. The set of lectures on the course "Organization of Special Care for Patients"

\* The training toolkit for self- studies to master the course is placed on the course page in the university telecommunication training and information system under the set procedure.

# 8. ASSESSMENT TOOLKIT AND GRADING SYSTEM\* FOR EVALUATION OF STUDENTS' COMPETENCES LEVEL UPON COURSE COMPLETION

The assessment toolkit and the grading system\* to evaluate the competences formation level (GPC-9, PC-4, PC-5.) upon the course study completion are specified in the Appendix to the course syllabus.

\* The assessment toolkit and the grading system are formed on the basis of the requirements of the relevant local normative act of RUDN University (regulations / order).

#### **DEVELOPERS:**

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