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**Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
RUDN University**

Institute of Medicine

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

INTERNSHIP SYLLABUS

Introductory practice for primary professional skills: caring for patients

internship title

educational

internship type

Recommended by the Didactic Council for the Education Field of:

31.05.01 General Medicine

field of studies / speciality code and title

The student's internship is implemented within the professional education programme of higher education:

General Medicine

higher education programme profile/specialisation title

2022-2023

1. INTERNSHIP GOAL(s)

The goal of the Internship «Introductory practice for primary professional skills: caring for patients» is to study of different kinds of medical department; study of deontological rules of behavior with patients; the development of practical skills in patients care, providing students with information for studying practical skills in caring for patients with therapeutic, surgical diseases.

2. REQUIREMENTS FOR LEARNING OUTCOMES

The internship implementation is aimed at the development of the following competences (competences in part): GPC-4, GPC-6, PC-1.

Table 2.1. List of competences that students acquire during the internship

Competence code	Competence descriptor	Competence formation indicators (within this course)
GPC -4	The ability to use medical devices prescribed by the order of medical care, and do examinations of the patient	GPC -4.3 Perform the technique of typical medical manipulations using medical devices according to medical care procedures
GPC -6	The ability to organize patient care, to do primary health care, to organize of work and to make professional decisions in emergency conditions at the prehospital stage, in emergency situations, epidemics and in centers of mass destruction	GPC -6.2 to identify conditions of emergency medical care, including clinical symptoms of a sudden cessation of blood circulation and breathing.
		GPC -6.3. to make emergency medical care to patients in clinical death (stopping the vital functions of the human body (blood circulation and (or) breathing)
PC-1	The ability to provide medical care to the severe patient	PC -1.1. The ability to assess the severe state of a patient
		PC -1.4. The ability to recognize emergency situations including clinical death (stopping the vital functions of the human body (blood circulation and / or respiration), requiring emergency medical care
		PC-1.5 The ability to perform emergency care to patients in emergency situations including clinical death (stopping the vital functions of the human body (blood circulation and/or respiration)

3. INTERNSHIP IN HIGHER EDUCATION PROGRAMME STRUCTURE

The internship refers to the core/variable/elective* component of (B2) block of the higher educational programme curriculum.

* Underline whatever applicable. The core component includes all introductory field internships, the variable component includes all advanced field internships, except for research and pre-graduate types of the internship. The elective module includes all research and pre-graduation types of the internship (if any).

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

Table 3.1. The list of the higher education programme components that contribute to the achievement of the expected learning outcomes as the internship results.

Competence code	Competence descriptor	Previous courses/modules, internships*	Subsequent courses/modules, internships*
GPC-4	The ability to use medical devices prescribed by the order of medical care, and do examinations of the patient	Anatomy, biology	Introduction to internal diseases, Practice of primary professional skills and professional experience: assistant of the procedural nurse
GPC -6	The ability to organize patient care, to do primary health care, to organize of work and to make professional decisions in emergency conditions at the prehospital stage, in emergency situations, epidemics and in centers of mass destruction	Anatomy, biology	Introduction to internal diseases, Practice of primary professional skills and professional experience: assistant of the procedural nurse
PC-1	The ability to provide medical care to the severe patient	Anatomy, biology	Introduction to internal diseases, Introduction to clinical medicine, Practice of emergency medical procedures

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

4. INTERNSHIP WORKLOAD

The total workload of the internship «Introductory practice for primary professional skills: caring for patients» is 6 credits (216 academic hours)

5. INTERNSHIP CONTENTS

Table 5.1. Internship contents*

Modules	Contents (topics, types of practical activities)	Workload, academic hours
<p>Section 1 Safety briefing. Types of medical institutions</p>	<p>Topic 1.1. Safety briefing of medical institutions</p> <p>Topic 1.2. Types of medical institutions (polyclinic, dispensary, women's consultation, MSC, emergency station, hospital, in-patient hospital)</p>	<p>9</p>
<p>Section 2 Basic rules of working conditions of junior medical staff in the medical department Safe hospital environment Personal hygiene of patients</p>	<p>Topic 2.1. Basic rules of working conditions of junior medical staff in the medical department</p> <p>Topic 2.2 Factors of aggression in the hospital environment. Infection safety and infection control. The concept of a medical-protective regime.</p> <p>Topic 2.3. Federal Clinical Guidelines for hand hygiene of medical personnel</p>	<p>12</p>
<p>Section 3 Basics of medical ethics and deontology</p>	<p>Topic 3.1 Acquaintance of students with the basics of medical psychology, ethics and deontology</p>	<p>6</p>
<p>Section 4 Basic rules of patient's care with different diseases</p>	<p>Topic 4.1. Patient's care at home</p> <p>Topic 4.2 Organization of work in a polyclinic</p> <p>Topic 4.3. Organization of work in the department</p>	<p>12</p>
<p>Section 5 Creating of comfort position for the patient with different diseases</p>	<p>Topic 5.1 Basic rules of ergonomics and biomechanics, for moving a patient with the medical personnel.</p> <p>Topic 5.2. Features of the movement of elderly patients and disabled people.</p> <p>Means of small mechanization for moving the patient.</p> <p>Methods of holding the patient by one, two or more persons.</p> <p>Helping the patient during walking</p>	<p>12</p>
<p>Section 6 Ward's hygiene, wet cleaning of wards, relocation of patients, replacement of bed linen and clothes, transfer of the patient</p>	<p>Topic 6.1. Types of cleaning in a medical organization</p> <p>Topic 6.2. Bed preparation. Change of bed clothes. Change of severe patient's underwear.</p> <p>Tema 6.3. Care for severe lying patients.</p> <p>Hygienic care products for severe patients.</p> <p>Compression underwear</p>	<p>12</p>

Modules	Contents (topics, types of practical activities)	Workload, academic hours
Section 7 Nutrition of patients. The concept of therapeutic nutrition and dietary tables.	Topic 7.1. The concept of nutrition. The concept of therapeutic nutrition and dietary tables. Topic 7.2. Feeding of severe patients. The concept of artificial feeding with probe or parenteral.	12
Section 8 Patients care in case of circulatory diseases	Topic 8.1. Observation and care of patients with diseases of the circulatory system: Topic 8.2. General examination and additional methods for the study of patients Topic 8.3. General concepts of studying patients with diseases of the circulatory system, monitoring the water balance, weighing.	12
Section 9 Care of the patient in the surgical department. СТОМЫ.	Topic 9.1. Care of the patient before surgery in the surgical department. Observation and care of patients after surgery. Observation and care of patients after surgery. Topic 9.2. Observation and care of the patient after surgery on the thoracic cavity organs. Basic principles of care for postoperative drainage. Observation and care of the patient after surgery on the organs of the abdominal cavity	12
Section 10 Patient's care in the ICU department	Topic 10.1 Organization of the intensive care unit. Requirements for the location and arrangement of the ICU Topic 10.2 Care for a patient who is on ventilator. The algorithm for aspirating the contents of the tracheobronchial tract through the intubation and tracheostomic tube in patients undergoing mechanical ventilation. Care for an active respirator	12
Section 11 Patients care in case of severe and agonizing patients.	Topic 11.1 Last stages of life. clinical death. biological death. The statement of death. Тема 11.2 Паллиативное лечение. Хосписы: основные принципы и задачи. Обеспечение ухода за умирающим человеком. Принципы ухода. Посмертный уход.	12
Section 12	Test	12
Section 13	Practice work at clinical hospitals	72
Section 14	Practice report	9
	TOTAL	216

* The contents of internship through modules and types of practical activities shall be FULLY reflected in the student's internship report.

6. INTERNSHIP EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

The infrastructure and technical support necessary for the internship implementation include: laboratories/ specially equipped classrooms/ polygons/ measuring and computing complexes/ vehicles/ industrial equipment and devices/ household premises that comply with current sanitary and fire safety standards.

The SAFETY REQUIREMENTS at the enterprise, workplace (including the department of RUDN University) and during the work with certain production/laboratory equipment incorporate/ include the following (to be specified)....

7. INTERNSHIP LOCATION AND TIMELINE

The internship can be carried out at the structural divisions of RUDN University (at Moscow-based organisations, as well as those located outside Moscow).

The internship at an external organisation (outside RUDN University) is legally arranged on the grounds of an appropriate agreement, which specifies the terms, place and conditions for an internship implementation at the organisation.

The period of the internship, as a rule, corresponds to the period indicated in the training calendar of the higher education programme. However, the period of the internship can be rescheduled upon the agreement with the Department of Educational Policy and the Department for the Organization of Internship and Employment of RUDN students.

8. EDUCATIONAL-METHODOLOGICAL AND INFORMATION SUPPORT FOR PRACTICE

Main readings:

1. Kostsova N.G., Tigai Zh.G. [and etc.]. Primary professional skills and abilities: patient care. Peoples' Friendship University of Russia. 2021, 235 p.
2. Kostsova N.G., Tigai Zh.G. [and etc.]. Algorithms for performing manipulations in the treatment room. Peoples' Friendship University of Russia, 2022, 120 p.
2. Kostsova N.G., Badretdinova A.I., Tigai Zh.G. [and etc.]. Fundamentals of care for surgical patients. Basics of care for surgical patients. Peoples' Friendship University of Russia. 2020, 292 p.
3. Kostsova N.G., Badretdinova A.I., Tigai Zh.G. [and etc.]. Fundamentals of patient care in a surgical clinic. Tutorial. (Basics of nursing care in surgery. Tutorial). M.: LLC Publishing group "GEOTAR-Media". 2020, 312 p. Recommended by the Coordinating Council for Education
4. Nikitin I.S., Galustov A.M., Lobzhanidze B.D. [et al.]. General medical skills. Execution algorithms. General medical skills. Algorithms of performance. Moscow: RUDN. 2020, 355 p.
5. Kostsova N.G., Tigay Zh.G., Dogotar O.A. [and etc.]. General medical skills. Execution algorithms. Peoples' Friendship University of Russia. 2019, 112 p.
6. Fundamentals of patient care in a surgical clinic. Teaching aid. -Moscow, RUDN. Team of authors of the Simulation Training Center of MI RUDN University, 2017

Additional readings:

1. Theory of nursing: Textbook for medical students / G.M. Perfilieva, N.N. Kamynina, I.V. Ostrovskaya, A.V. Drunk. - M.: GEOTAR - Media, 2009. - 256 p.
2. Fundamentals of therapeutic patient care: Textbook / Pod. ed. A.S. Kalmykova. 2016.

Resources of the information and telecommunications network "Internet"

<http://lib.rudn.ru/MegaPro/Web>

<http://www.biblioclub.ru>

<http://www.biblio-online.ru>

www.studentlibrary.ru

<http://e.lanbook.com/>

2. Databases and search systems:

- www.consilium-medicum.com/media/gyper

<http://www.mediasphera.ru/>

<http://www.mmm.spb.ru/Russian/MMM.html>

<http://www.medi.ru/doc/81.htm>

<http://www.medi.ru/doc/86.htm>

<http://www.medi.ru/doc/88.htm>

<http://www.consilium-medicum.com/media/gynecology/>

<http://www.medi.ru/doc/65.htm>

<http://www.practica.ru/history.htm>

<http://www.consilium-medicum.com/media/> <http://www.iacmac.ru/cmac/>

www.visma.ac.ru/~pharm/library/index.html

<http://www.medi.ru/doc/83.htm>

<http://medi.ru/doc/77.htm>

<http://elibrary.ru/defaultx.asp>

<http://www.rmj.ru/main.htm>

<http://zdorovie.ad.ru>

<http://www.consilium-medicum.com/media/consilium/>

<http://docs.cntd.ru/>

- <https://www.yandex.ru/>

- <https://www.google.ru/>

- SCOPUS

<http://www.elsevierscience.ru/products/scopus/>

The training toolkit and guidelines for a student to do an internship, keep an internship diary and write an internship report:*

1. Safety regulations to do the internship (safety awareness briefing).
2. Machinery and principles of operation of technological production equipment used by students during their internship; process flow charts, regulations, etc. (if necessary).
3. Guidelines for keeping an internship diary and writing an internship report.

*The training toolkit and guidelines for the internship are placed on the internship 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 AS INTERNSHIP RESULTS

The assessment toolkit and the grading system* to evaluate the level of competences (GPC-4, GPC-6, PC-1) formation as the internship results are specified in the Appendix to the internship 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:

Director of the Accreditation
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