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

**Medical Institute**

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

**INTERNSHIP SYLLABUS**

**Observing and Assisting a Dentist (Hygiene)**

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internship title

productive

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internship type

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

**31.05.03. Dentistry**

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field of studies / speciality code and title

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

**Dentistry**

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higher education programme profile/specialisation title

## 1. INTERNSHIP GOAL(s)

The goal of the Internship is to gain an understanding of workplace dynamics, professional expectations;

- build proficiency in a range of business/ industry/research/teaching/ skills appropriate to the field of the internship placement, including dentist assistant professional skills.
- refine and clarify professional and career goals through critical analysis of the internship experience or research project.
- introduce students to a professional environment of dentists assistant.

## 2. REQUIREMENTS FOR LEARNING OUTCOMES

The internship implementation is aimed at the development of the following competences (competences in part): GPC-1.1, GPC-1.2, GPC-1.3, GPC-4.1, GPC-4.2, GPC-4.3, PC-4.1, PC-4.2, PC-4.3, PC-4.4, PC-5.1, PC-5.2.

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

Competence code	Competence descriptor	Competence formation indicators (within this course)
GPC-1	Being able to implement moral standards and legal regulations, ethical and deontological principals in professional activity	GPC-1.1, GPC-1.2, GPC-1.3, GPC-4.1, GPC-4.2, GPC-4.3, PC-4.1, PC-4.2, PC-4.3, PC-4.4, PC-5.1, PC-5.2
		GPC-1.1. Observing bases of medical ethics and deontology; legal bases in healthcare; legal aspects of medical practice.
		GPC-1.2. Applying ethical standards and principles of a medical worker's behaviour when performing their professional duties; being aware of the latest health legislation when solving professional problems; applying the rules and norms of the doctor's interaction with colleagues and patients (their legal representatives)
		GPC-1.3. Being experienced in solving standard professional tasks based on the ethical standards and deontological principles when interacting with colleagues and patients (their legal representatives); being aware of legal aspects of medical practice.
GPC-4	Being able to monitor the effectiveness of preventive measures, healthy lifestyle formation and sanitary and hygienic education of the population	GPC-4.1. Analyzing the awareness of the population of a healthy lifestyle and medical literacy.
		GPC-4.2. Developing a plan to improve sanitary culture and prevent diseases of the population, organizational and methodological measures aimed at increasing the awareness of the population of a healthy lifestyle, its literacy in dental disease prevention.
		GPC-4.3. Preparing an oral presentation or a printed text that promotes a healthy lifestyle and increases the literacy of the population concerning dental disease prevention.

PC-4.	Being able to conduct and monitor the effectiveness of sanitary, anti-epidemic and other preventive measures to protect public health	PC-4.1. Conducting brief preventive counseling, preventive examinations of the population and measures to reduce morbidity, including infectious diseases, disability, mortality, lethality.
		PC-4.2. Drawing up a plan of preventive dental care for patients and selecting drugs and medical devices in the Dental Materials category for preventing dental diseases; monitoring their implementation.
		PC-4.3. Providing qualified medical care in their specialty using modern prevention methods approved for use in medical practice.
		PC-4.4. Organizing monitoring the prevention of diseases of the oral mucosa and lips, including oncological and hygienic prevention and secondary prevention of oncological neoplasms, with the exception of specialized appointments for the treatment of precancers of the oral mucosa and lips.
PC-5	Being able to conduct health and hygiene education among the population and medical workers in order to form a healthy lifestyle	PC-5.1. Motivating patients (their relatives/legal representatives) to stick to a healthy lifestyle and give up bad habits.
		PC-5.2. Promoting positive behaviour so that patients (their relatives/legal representatives) maintain and improve their level of health.

### 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.

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.*

<b>Competence code</b>	<b>Competence descriptor</b>	<b>Previous courses/modules, internships*</b>	<b>Subsequent courses/modules, internships*</b>
GPC-6	Readiness (can do smth., is skilled at doing smth., has a good command of, shows (control/ability, etc.)/ should be able to/ will be able to/ are expected to (know/master/perform . etc.):	.....	.....
PC-1	Ability (can do smth., is skilled at doing smth., has a good command of, shows (control/ability, etc.)/ should be able to/ will be able to/ are expected to (know/master/perform . etc.):	.....	.....
...			

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

#### **4. INTERNSHIP WORKLOAD**

The total workload of the internship is 3 credits (108 academic hours).

#### **5. INTERNSHIP CONTENTS**

*Table 5.1. Internship contents\**

<b>Modules</b>	<b>Contents (topics, types of practical activities)</b>	<b>Workload, academic hours</b>
Module 1. Preparatory stage	Lecture, Safety briefing	0.5
Module 2. Patient examination preventive, dispensary	Practical lesson Independent work	0.5

<b>Modules</b>	<b>Contents (topics, types of practical activities)</b>	<b>Workload, academic hours</b>
Module 3. Examination of the patient in terms of cancer alertness	Practical lesson Independent work	10
Module 4. Determining the level of oral hygiene	Practical lesson Independent work	10
Module 5. The rating of the intensity and prevalence of dental diseases	Practical lesson Independent work	10
Module 6. Defining indexes in periodontal diseases	Practical lesson Independent work	10
Module 7. Studying individual patients oral hygiene, selection of individual tools, monitoring toothbrushing.	Practical lesson Independent work	10
Module 8. Conducting professional oral hygiene (with hand tools).	Practical lesson Independent work	10
Module 9. Conducting professional oral hygiene (air-abrasive methods).	Practical lesson Independent work	10
Module 10. Conducting professional oral hygiene (ultrasonic method).	Practical lesson Independent work	10
Module 11. Polishing of surfaces of the teeth (instruments and tools).	Practical lesson Independent work	10
Module 12. Treatment of teeth and gums after the occupational health (tools and means).	Practical lesson Independent work	10
Writing an internship report		1 8
Preparing for defence and defending the internship report		9
<b>TOTAL:</b>		108

\* 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 safety briefings.

## 7. INTERNSHIP LOCATION AND TIMELINE

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

The internship at an external organization (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 organization.

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. RESOURCES RECOMMENDED FOR INTERNSHIP

### *Main readings:*

1. 1. Tutorial Guide of Operative Dentistry for Dental Students of Second and Third Years of Education: Textbook for students of the Faculty of Dentistry / F.Yu. Daurova, M.K. Makeeva, Z.S. Khabadze. - Electronic text data. - M. : Publishing House of RUDN University, 2016. - 151 p.

[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=452391&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=452391&idb=0)

### 1.1.2. Additional literature

1. Anaesthesia and Sedation in Dentistry [Text]: Monograph / Ed. by M.P.Coplans and R.A.Green. - The book is in English. -Amsterdam; New York: Elsevier, 1983. - 421 p. : il. - (Monographs in anaesthesiology; V. 12). - 38.91

2. Application of the International classification of diseases to dentistry and stomatology. ICD-DA [Text] . - The book is in English. - Geneva : World health organization, 1973. - 114p. : il. - 0.00.

3. American Pocket medical dictionary [Text] : A dictionary of the Princpal Terms Used in Medicine, Nursing, Pharmacy, Dentistry, Veterinary Science, and Allied Biological Subjects. - 19th ed. ; Book in English. - Philadelphia-London : W. B. Saunders, 1953. - 639 p. : il. - 2.50.

### *Additional readings:*

1. 1. RUDN Electronic Library System - RUDN EBS <http://lib.rudn.ru/MegaPro/Web>
2. 2. ELS "University Library Online"
3. <http://www.biblioclub.ru>
4. 3. Student consultant [www.studentlibrary.ru](http://www.studentlibrary.ru)
5. 4. EBS "Troitsky Bridge" <http://www.trmost.ru/>
6. 5. EBS Yurayt [www.biblio-online.ru](http://www.biblio-online.ru)

### *Internet sources*

1. Electronic libraries (EL) of RUDN University and other institutions, to which university students have access on the basis of concluded agreements:
  - RUDN Electronic Library System (RUDN ELS) <http://lib.rudn.ru/MegaPro/Web>

- EL "University Library Online" <http://www.biblioclub.ru>

- EL "Yurayt" <http://www.biblio-online.ru>
- EL "Student Consultant" [www.studentlibrary.ru](http://www.studentlibrary.ru)
- EL "Lan" <http://e.lanbook.com/>
- EL "Trinity Bridge"

*2. Databases and search engines:*

- electronic foundation of legal and normative-technical documentation <http://docs.cntd.ru/>
- Yandex search engine [https:// www .yandex.ru/](https://www.yandex.ru/)
- Google search engine <https://www.google.ru/>
- Scopus abstract database <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 (competences in part) 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:**

**Assistant of the Department of General and Clinical Dentistry**

position, educational department

**A.A. Vinogradova**

name and surname.

**Associate professor of the Department of General and Clinical Dentistry, Professor**

position, educational department

**E.N. Gvozdikova**

name and surname

**Head of the Department of General and Clinical Dentistry, Professor**

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**A.M. Avanesov**

name and surname.



**HEAD OF EDUCATIONAL DEPARTMENT:**

**of the Department of General and  
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**A.M. Avanesov**

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educational department

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signature

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name and surname.

**HEAD OF  
HIGHER EDUCATION PROGRAMME:**

**Deputy Director of Institute of  
Medicine for academic affairs**

**S.N.Razumova**

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name and surname