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

Institute of Medicine

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

INTERNSHIP SYLLABUS

Observing and Assisting a Dentist (Oral Surgery)

(Title of the practice)

Industrial

internship type

Recommended by the Didactic Council for the Education Field of:

31.05.03 DENTISTRY

field of studies / speciality code and title

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

DENTISTRY

higher education programme profile/specialisation title

1. INTERNSHIP GOAL(s)

The goal of the Internship "**Observing and Assisting a Dentist (Oral Surgery)**" is to deepen theoretical knowledge and gain professional skills and professional experience in the diagnosis, treatment and prevention of surgical dental diseases; mastering manual skills during various types of examination, anesthesia, various surgical procedures and surgical interventions; familiarization with the work of the surgical department.

2. REQUIREMENTS FOR OUTCOMES

The internship implementation "**Observing and Assisting a Dentist (Oral Surgery)**" is aimed at the development of the following competences (competences in part): PC-1, PC-2, PC-3, PC-5.

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

Competence code	Competence descriptor	Competence formation indicators (within this course)
PC-1	Capable of conducting diagnostics in children and adults with dental diseases and establishing a diagnosis	PC-1.1 Conducts an initial and/or repeated examination of a patient in order to establish a preliminary diagnosis.
		PC-1.2 Obtains information from patient (their relatives/legal representatives), conducts a questionnaire survey of patients on the general state of health, detection concomitant diseases in order to establish preliminary diagnosis.
PC -2	Capable of prescribing and conducting treatment for children and adults with dental diseases, and monitoring its effectiveness and safety	PC-2.1 Organizes the provision of medical care in emergency and urgent forms for acute dental diseases, conditions, exacerbation of chronic diseases that pose a threat to the patient's life or without obvious signs of a threat to the patient's life.
		PC-2.2. Selects medicines and medical devices (including dental materials) for the treatment of dental diseases, assessing possible side effects from taking medications., periodontal disease, oral and lip mucosa
PC -3	Capable of providing medical care in an urgent and emergency manner	PC-3.1. Provides qualified medical care in its specialty using modern rehabilitation methods approved for use in medical practice.
		PC-3.2. Draws up an individual rehabilitation plan for a patient with diseases of the maxillofacial region.
	Capable of conducting medical examinations on children and adults with dental diseases	PC-5.1. Forms the motivation of patients (their relatives/legal representatives) to lead a healthy lifestyle and give up bad habits.

PC -5		PC-5.2. Promotes positive behavior in patients (their relatives/legal representatives) aimed at maintaining and improving their health
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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*
PC -1.	Capable of carrying out diagnostics in children and adults with dental and diseases, establishing a diagnosis	Propaedeutics of dental diseases; Cariesology; Endodontics; local anesthesia;	Maxillofacial and gnathic surgery; maxillofacial prosthetics; head and neck diseases; implantology and reconstructive surgery
PC-2.	Capable of prescribing and treating children and adults with dental diseases, monitoring its effectiveness and safety	Propaedeutics of dental diseases; Cariesology; Endodontics; local anesthesia;	Maxillofacial and gnathic surgery; maxillofacial prosthetics; head and neck diseases; implantology and reconstructive surgery
PC-3.	Capable of providing medical care in an urgent and emergency manner	Propaedeutics of dental diseases; Cariesology; Endodontics; local anesthesia;	Maxillofacial and gnathic surgery; maxillofacial prosthetics; head and neck diseases; implantology and reconstructive surgery
PC-5.	Capable of conducting medical examinations in relation to children and adults with dental diseases	Propaedeutics of dental diseases; Cariesology; Endodontics; local anesthesia;	Maxillofacial and gnathic surgery; maxillofacial prosthetics; head and neck diseases; implantology and reconstructive surgery

* 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**

Modules	Contents (topics, types of practical activities)	Workload, academic hours
Module 1 Structure and Organization of Dental Surgery Department	1.1 Organization of a surgical department (cabinet/room) in a dental office/clinic.	15
Module 2 Workload completion of a dental surgeon assistant	2.1 Performance of local anesthesia	15
	2.2 Simple tooth extraction	15
	2.3 Complex tooth extraction	15
Module 3 Filling out medical documentation	3.1 Medical charts	15
	3.2 Outpatient cards	15
Practice report formalization		9
Preparation for defense and defense of the practice report		9
TOTAL:		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 (to be specified)....

Classroom for Academic Activity Type	Equipping the audience	Specialized educational/laboratory equipment, Software and materials for the development of the discipline.
Lecture Classroom	The lecture-type classroom (204) is equipped with a set of	A set of specialized furniture.

	specialized furniture; a blackboard (screen) and multimedia presentation equipment.	<u>Technical support:</u> – multimedia projector, – Internet connection. <u>Software:</u> – Microsoft products (the operating system, a suite of office applications, including MSOffice/ Office 365, Teams.)
Lab/ Seminars classroom	Classrooms are located in buildings: ATI and GUM-SOC. In the ATI building: audiences 249, 250, 251, 252 (the phantom class) и 253. In the GUM-SOC building: audiences 232-235 (the phantom class).	A set of specialized furniture. <u>Technical support:</u> Dental simulation units. DLP Optoma H114 Projector. Lenovo Think Centre M71z automated workplace. Laptop Asus X756UVIntel. Projector AcerP1285. Display Elite Screens Spectrum Electric100V. Laptop ASUS X751LDV. Monoblock Dell Optiplex 3030. PC TMO3300 i3 254. Polymerization lamps "Woodpecker". Control units with a micromotor tip. Multimedia projector Sony VPL-C6. Electric screen Projecta PSECO001 Elproelectrol 160x160 sm. MOULAGES patient's head for phantom work in the package. Dental chair with electric drive and programmable position. The doctor's units are included. Screen 17" BenQ sc.1472. The screen is on a tripod Projecta, 180x180. Control units of the dental unit for 2 tips and a spray.

		Blocks of tips "DART 1440". Models of the upper and lower jaw with an articulator. A cupboard for storing sterile instruments. Instruments used in therapeutic, orthopedic and surgical dentistry. Consumables: gypsum, wax, casts, sealing materials, etc. <u>Information stands and expositions:</u> – information stand in Russian and English; – visual aids, posters, models.
Computer classroom	Not provided	
Self-studies classroom	Classrooms in ATI building. Classrooms in GUM-SOC building, Classrooms equipped with a set of specialized furniture and computers with access to EIOS. Halls. The scientific library in the Main building of the RUDN.	

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. RESOURCES RECOMMENDED FOR INTERNSHIP

Main readings:

1. Surgical dentistry: textbook / S.V. Tarasenko, E.A. Morozova, I.V. Bondarenko [et al.]; edited by S.V. Tarasenko. - Electronic text data. - Moscow: GEOTAR-Media, 2021. - 672 p. - . - ISBN 978-5-9704-6211-9.
2. Abscesses and phlegmons of the maxillofacial region and neck. Atlas: study guide / V.V. Afanasyev, O.O. Yanushevich, B.K. Urgunaliyev. - Electronic text data. - Moscow: GEOTAR-Media, 2022. - 120 p.

Additional readings:

1. Maxillofacial surgery: textbook / ed. A.Yu. Drobysheva, O.O. Yanushevich. - Moscow: GEOTAR-Media, 2021. - 880 cm. - ISBN 978-5-9704-5971-3.
2. Topographic anatomy and operative surgery: textbook in 2 volumes. T. 1 / V.I. Sergienko, E.A. Petrosyan, I.V. Frautschi; edited by Yu.M. Lopukhina. - 3rd ed. , rev. ; Electronic text data. - Moscow: GEOTAR-Media, 2023. - 832 p. - ISBN 978-5-9704-7234-7.

Source of information and literature from the Internet:

1. RUDN University Electronic Library System and third-party electronic library systems 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>
 - Electronic library system "University library online" <http://www.biblioclub.ru>
 - EBS Yurayt <http://www.biblio-online.ru>
 - Electronic library system "Student Consultant" www.studentlibrary.ru
 - EBS "Troitsky Bridge"
2. Databases and search engines
 - electronic fund of legal and normative-technical documentation <http://docs.cntd.ru/>
 - Yandex search engine <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 (PC-1, PC-2, PC-3, PC-5) 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).

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