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**The Federal state autonomous educational institution of higher
education Peoples' Friendship University of Russia named after
Patrice Lumumba"**

Institute of Medicine

Recommended MCSD

ACADEMIC COURSE WORKING PROGRAM OF INTERNSHIP PRACTICE

NAME OF PRACTICE

Observing and Assisting a Dentist (Hygiene)

Recommended for the direction of training (specialty)

31.05.03 DENTISTRY

Program (profile, specialization)

DENTISTRY

Moscow 2024

INTERNSHIP PRACTICE PROGRAM

Observing and Assisting a Dentist (Hygiene)

1. Purpose internship practice

The goal is to obtain knowledge of methods prevention hard dental tissue diseases of the oral mucosa and periodontal tissues among the various population groups;

-Ability to maintain medical records and educational activities among the population.

2. Tasks internship practices

- mastery of the standards and requirements of the organization dental office;
- the development of the students the principles of labor organization medical personnel in out-of preventive institutions determine the functional responsibilities and optimal algorithm implementation;
- development of practical skills of students to identify and eliminating the occurrence of dental risk factors diseases, including patients with common somatic pathology;
- the development of the students methods of organizing and conducting preventive measures among the various contingents population, including patients with somatic pathology, at the individual and group level;
- development of students of dental education methods and implementation of population motivation to maintain dental health;
- the acquisition of skills by students conduct epidemiological dental examination adults and children and plan prevention programs;
- spend inspection, evaluation and professional oral hygiene on based on indicators of health indices, including in patients with somatic disorders,
- formation of students of medical thinking and behavior, ensuring the solution of professional problems;
- diagnostic techniques use state hard tissue teeth oral mucosa and periodontal tissues;
- the assimilation of the students the basic principles of ethics and deontology;
- assimilation methods and tools for dental education

3. Place of work experience in OP HE structure specialty "Dentistry"

For practical training "Assistant doctor of general practice" necessary knowledge and skills obtained during the study course "Prevention and municipal dentistry", as well as cycles of disciplines: humanitarian, social and economic, mathematics, natural science and medical-biological, professional with a degree in higher "Dentistry" professional medical education. Practice is the base prior to study professional dental disciplines in the specialty of higher professional medical education "Dentistry".

4. Forms of internship practices

Clinical with holding joint clinical dissections

5. Time and place of internship practices Internship Practice "Assistant dentist (hygienist)" conducted at clinical sites of the Russian Scientific Center of Radiology, dental complex "President", LLC "Dental Center", LLC "Dent Med", LLC "Estudent-Plus" and others, according to the distribution.

Duration of practice - 2 weeks after the end of the year

Session 3 course.

6. Competence learning generated by the passage of an industrial practice

As a result of the passage of an industrial practice the student should acquire the following skills, abilities:

Know:

Principles of clinical supervision in different categories of patients and the public
Features specific and non-specific prevention of infectious diseases
Especially the prevention of cancer pathology
The etiology, pathogenesis, prevention of common diseases maxillofacial
Prevention methods dentition, facial abnormalities in children and adults
The clinical picture, the symptoms of the underlying disease and the border states of the maxillofacial area in adults and children, their prevention
Basics of Preventive Medicine, aimed at strengthening the health of the population
Requirements of labor protection, fire safety procedures for emergencies
Sanitary-epidemiological rules and requirements
Terms of use of personal protective equipment

Be handy at:

Conduct routine inspections of various categories of citizens
Conduct prevention of dental, periodontal, oral mucosa, lips, jaw bone tissue, peripheral nervous system maxillofacial, temporomandibular joint, salivary glands
Perform prescribed actions during anti-epidemic measures in infectious diseases (supply emergency notice on the site of infection, the identification and monitoring of contact persons)
Use methods of primary and secondary prevention
Apply methods for organizing primary prevention of dental disease in any age group
Put on protective equipment

Manage:

Carrying out preventive examinations of the population
Appointment preventive procedures
The selection of medicines for prophylaxis of dental diseases
Formation of preventive dental care plan for the patient
Taking measures to reduce disease, including infectious diseases, disability, mortality, mortality
Performing preventive procedures of dental diseases
Prevention of diseases of the oral mucosa and lips, including onkogigienicheskaya prevention and secondary prevention of cancer tumors, except for the special treatment of precancer receiving oral mucosa and lips
Selection of medical devices in the "Dental Materials" category for the prevention of dental diseases
Skilled care in their field with the use of modern methods of prevention, allowed for use in medical practice
Short preventive counseling

As a result of the passage of an industrial practice the student must acquire the following general professional and professional competence:

GPC-1. Being able to implement moral standards and legal regulations, ethical and deontological principals in professional activity

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. Analysing 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 .

7. The structure and content of industrial practice

The total complexity of internship practice is 3 credits 108 hours.

№	Sections (steps) of practice	Types of production work in practice, including independent work of students and labor (Hours)				current form control
		lectures (Safety training, familiarization with the	Lab.zan.	Prakt.zan. (Perform production tasks)	Sam.rab (The systematization of	

		structure of dental work podrazdleniya)			knowledge, filling in the reporting forms)	
1	Preparatory stage	2	-	6	1	interview
2	patient examination preventive, dispensary	-	-	6	1	Assessment of practical skills
3	Examination of the patient in terms of onkonastorozhennosti	-	-	6	1	Assessment of practical skills
4	Determining the level of oral hygiene	-	-	6	1	Assessment of practical skills
5	The rating of the intensity and prevalence of dental diseases	-	-	6	1	Assessment of practical skills
6	Defining indexes in periodontal diseases	-	-	6	1	Assessment of practical skills
7	.Obuchenie individual patients oral hygiene, selection of individual tools, monitoring toothbrushing.	-	-	6	1	Assessment of practical skills
8	Conducting professional oral hygiene (with hand tools).	-	-	6	1	Assessment of practical skills
9	Conducting professional oral hygiene (air-abrasive methods).	-	-	6	1	Assessment of practical skills
10	Conducting professional oral hygiene (ultrasonic method).	-	-	6	1	Assessment of practical skills
11	Polishing of surfaces of the teeth (instruments and tools).	-	-	6	1	Assessment of practical skills
12	Treatment of teeth and gums after the occupational health (tools and means).	-	-	6	1	Assessment of practical skills
13	Preparation of practice report	-	-	-	12	Assessment of practical skills
14	credit	-	-	-	22	interview
	TOTAL	2	-	72	34	108

8. Research and scientific production technology used in the production practice.

Organization of production practices Assistant dentist (hygienist) in modern conditions it should be based on innovative psycho-pedagogical approaches and technologies aimed at creating a competence-based approach and improve the efficiency of teaching and the quality of training of students.

Conducting internship practices ensures the acquisition and consolidation of necessary skills (development of professional competence and readiness for independent and individual work, responsible decision-making in the framework of professional competence.

Work with patients forms the students not only readiness for independent and individual work, responsible decision-making in the framework of professional competence, but also the ability to scientifically analyze the medical and socially important problems, willingness to logical analysis of various types of reasoning, possession of skills communicative, reasoning, conduct controversy and debate.

Independent work of students is approximately 1/3 of the overall complexity of the discipline practices and comprises: journaling to Practice filling conformance sheet work with the literature, the preparation of conversations, lectures, presentations, the presentations on the prevention of dental diseases, the production of materials for dental education (memos, sanbyulleteni, profiles, presentations, etc.). This form of work contributes to the development of cognitive activity, creative thinking of students, impart skills of independent search for information, and also forms the ability and willingness to self-improvement, self-fulfillment and creative adaptation.

Different types of production work, including independent work of students, promote the mastery of culture of thinking ability in written and spoken language is logically correct to issue its results: readiness for the formation of a systematic approach to the analysis of health information, the perception of innovation.

Industrial practice creates the ability and willingness to carry out professional skills in argumentation, conducting discussions to social interaction with the community, to cooperate with colleagues and work in a team, to tolerance, respect and acceptance of different opinions, as well as social mobility, which is especially important at the present stage of socio-economic development.

At the end of the production practice to set off, including an assessment of practical skills and interview.

9. Educational and methodical maintenance of independent work of students on a field.

9.1. Guidelines for students in preparation for the passage of practice.

1. Safety training. (See para. Annex I)
2. Introduction to the internal routine dental institution (see para. Annex II)
3. Sanitary and Epidemiological dental treatment institution (see para. Annex III)

9.2. Duties of the student during the internship.

1. To carry out all the necessary manipulations for care of the mouth under the medical supervision and duties provided for vrachej hygienists.
2. Provide first aid.
3. Coming to practice in neat form, to be in hospital in the prescribed form of clothing.
4. To comply with the rules in force in the institutions internal labor regulations.
5. To view the work of the dental office.
6. Gently and fill in a timely manner the necessary documentation and provide it on a daily basis to check the doctor and director - curator.
7. Carry out health education.
8. Learn and adhere strictly to the rules of labor protection and technology Security (see para. Annex I).
9. Participate actively in collective social life medical approval.

9.3. Preparing for the competition.

9.3.1. The main sections in preparation for the Ladder

Preparation for practice standings students spend on the following topics:

1. Clinical examination cavity.

2. Determination of the dental status.
3. Determination of the sanitary status via the objective assessment methods (health index).
4. Determination of periodontal status via parodontologicheskikh indexes.
5. professional oral hygiene by manual tool.
6. professional oral hygiene hardware methods.
7. Individual selection for oral hygiene.
8. remineralization therapy.
9. Dental education.

9.3.2. Questions for self-preparation of students for the competition on the practice.

1. Hygienic indexes. Determining species.
2. The practical significance of hygienic indexes.
3. Fluoride-definition. Deep fluoridation of tooth enamel.
4. Goals and Objectives of deep fluoridation.
5. Periodontal indexes. Determining species.
6. The practical significance of periodontal indices.
7. Disinfection. Definition. Purpose and disinfection tasks dental instruments.
8. Methods of disinfecting dental instruments.
9. Bleaching teeth. Means and methods of teeth whitening.
10. Immediate and long-term complications of teeth whitening.
11. Sterilization equipment. Definition. Targets and goals sterilization of dental instruments.
12. The means and methods of sterilization.
13. Endogenous methods fluoro prevention. Means and methods endogenous use of fluorides. Indications contraindications.
14. Dental plaque. Definition. Classification. Mechanism education.
15. prevention of dental plaque formation. Professional oral hygiene. Definition. methods of professional oral hygiene.
16. Dental education. Definition.
17. Features of dental education in different groups population.
18. Forms and methods of dental education.
19. The concept of dental health.
20. Dental plaque. Definition. Kinds.
21. Primary, secondary, tertiary prevention of dental caries and its role in improving human health and reserves.
22. Population, group, individual levels caries prevention.
23. Classification of toothpastes. Composition, properties, indications use of toothpastes.
24. mouthwashes and rinses. Classification. Composition, properties, indications for use, application methods.
25. Effect of the general state of patients for the occurrence of dental Fat on clinical examples.

9.3.3. Options for control questions for inclusion of an internship.

1. Examination of the patient begins with the application of methods:

- 1) RG
- 2) laboratory
- 3) Thermometer
- 4) basic
- 5) cytological

2. The main survey methods include:

- 1) The survey, Rg
- 2) survey, inspection
- 3) inspection, EDI
- 4) EDI, Rg
- 5), percussion, EDI

3. Questioning the patient begins with an explanation:

- 1) life history
- 2) the history of the disease
- 3) an illness
- 4) complaints
- 5) allergic anamnesis

4. The mucosa of the mouth normally:

- 1) cyanotic, dry
- 2) of a pale pink, dry
- 3) of a pale pink, uniformly moistened
- 4) bright red, abundantly moistened
- 5) hyperemic, edematous

5. Examination of the patient begins with:

- 1) filling the dental formula
- 2) determining an occlusion
- 3) visual inspection
- 4) inspection of dentition
- 5) teeth percussion

6. An examination of lymph nodes method is used:

- 1) the percussion
- 2) Sensing
- 3) palpation
- 4) X-ray
- 5) auscultation

7. The complex of therapeutic measures conducted it is obligatory to carry out professional oral hygiene when:

- 1) focal demineralization;
- 2) III degree of caries activity;
- 3) generalized periodontitis;
- 4) abnormalities of dentoalveolar;
- 5) all of the above diseases.

8. The optimum concentration of fluorine in drinking water (temperate latitudes)

- 1) 0.3-0.8 mg / l
- 2) 0.5-0.9 mg / l
- 3) 1,3-1,2 mg / l
- 4) 2.3-3.0 mg / l

5) more than 6.0 mg / l

9.3.4. Documents to prepare for the competition.

To prepare for the competition on the internship practices student prepares the following documents:

- 1. The report about the practice.**
- 2. Diary of a trainee.**
- 3. Characteristics of the place with the passage of practice.**
- 4. Individual task.**

Documents about the end of practice, certified by the head of practice at the clinic must be submitted to the head of the practice of the department no more than two weeks after its completion. reports on the protection of the practice is carried out in the department of the Commission in the presence of faculty members of the department (at least three).

According to the results of the report on the protection of the practice the student receives a score.

A student who receives a failing grade for the practice, It is not allowed to set-off.

9.3.5. Instructions for completing the report.

The report is an official document confirming the passage of practice. In it the student must reflect the number of manipulations performed on a daily basis.

on the practice report must contain:

1. Cover Sheet
- 2.soderzhanie;
- 3.vvedenie;
4. Main part;
- 5.zaklyuchenie;
- 6.spisok sources used;
- 7.prilozheniya

Volume of the report should be 10-15 sheets (no application) (Font - Times New Roman, font size - 14, line spacing - sesquihydrate, all fields - 2 cm, indent - 1 cm, alignment - the width of the table and arranged at circuit text and numbered by sections). The number of applications and is not limited to the specified amount is not included. The standard form of the title page of the student report on the practice given in Annex 2.

The introduction should be reflected:

- the purpose, place and time of internship (time, duration in weeks / slave. days);
- consistency of practice, a list of works carried out in the course of practice.

The main part of the report, include:

- description of the organization of work in practice;
- description of the work performed on sections of the program practices;
- description of practical problems to be solved by the student during the internship;
- indication of the difficulties that arose in the traineeship;
- presentation of controversial issues that arose on specific issues and their solutions.

The conclusion shall contain:

- description of the knowledge and skills (competencies) acquired an intern during the practice;
- characteristic information and software necessary for the passage of practice;
- proposals and recommendations to the student made in the course of practice.

9.3.6. Instructions for completing the diary trainee

During the internship, students are filled daily blog internship practices.

1. Diary par with the report of an internship is the basic document on which the student reports on the implementation of the program of practice.
2. During the practice the student writes a daily blog everything they done for the implementation of the program.
3. At least once a week, the student must submit a blog to view the head of the institution that signs the blog after watching, making comments and giving additional tasks.
4. At the end of the practice the student must submit a blog to the head of practice from the institutions for review and preparation of reviews.
5. In due time the student must pass the report to the department and the diary practice. Without practice diary does not count.

Form of a diary and guidelines for the design of a trainee report, see the report. Under "useful information" on the throttle site <http://www.rudn.ru/?pagec=5108>

9.3.7. Characteristics of student-trainee

Characteristics of the student from the place of practice - this is a document attached to the report on the practice. It is made by the responsible person organization or the head of the student.

The main requirements to the design characteristics.

1. Title, indicating the passage of locations, information about the organization and its details. This information should be legally reliable.
2. The terms of practice. It can be located in any place characteristics. Job description student. Example: The duties of the trainee Petrova VD collection included patient history, examination of the mouth, dental records, determining hygiene index etc.
3. Characteristics of the student's theoretical knowledge and practical skills acquired by them. Example: Intern Ivanov AB successfully applied from the University of theoretical knowledge to perform tasks during the patient's admission, to learn to work with the medical documentation, the definition of health of the index, holding oral hygiene, preparing presentations and report on employment in preventive education among various population groups, including patients with general somatic diseases, at the individual and group levels.
4. Evaluation of the work performed student.

10. Forms of intermediate certification (on the basis of work experience)

At the end of the production practice to set off, including an assessment of trainee accounting documentation and interview.

Accounting documentation are "on an industrial practice report" and "Diary of internship practices", filled in according to the individual tasks.

11. The educational-methodical and informational support internship practices

11.1. Main literature

1. Tutorial Guide of Operative Dentistry for Dental Students of Second and Third Years of Education : Учебное пособие для студентов стоматологического факультета / Ф.Ю. Даурова, М.К. Макеева, З.С. Хабазе. - Электронные текстовые данные. - М. : Изд-во РУДН, 2016. - 151 с.

http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=452391&idb=0

11.2. Additional literature

1. Anaesthesia and Sedation in Dentistry [Текст] : Монография / Ed. by M.P.Coplans and R.A.Green. - Книга на английском языке. - 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 [Текст] . - Книга на английском языке. - Geneva : World health organization, 1973. - 114p. : il. - 0.00.

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

11.3 Internet resources

1. Электронно-библиотечная система РУДН – ЭБС РУДН <http://lib.rudn.ru/MegaPro/Web>
2. ЭБС «Университетская библиотека онлайн»
<http://www.biblioclub.ru>
3. Консультант студента www.studentlibrary.ru
4. ЭБС «Троицкий мост» <http://www.trmost.ru/>
5. ЭБС Юрайт www.biblio-online.ru

12. Logistics Internship Practice

Dental Office 208 in a consultative and outpatient department FGBU "Russian Research Center rentgenradiologii".

Kavo Dental Unit - 1

Ultrasonic scaler Piezon Master - 1

Complex Laser Diagnostic Lakki M - 1

Endodontic apparatus - 1 .

Apex locator - 1 .

Ultrasonic cleaner - 1.

13. Fund of estimated means for the interim assessment of students in the discipline (module)

Materials for assessing the level of mastering the practice " **Dental hygienist assistant**» (evaluation materials), including a list of competencies indicating the stages of their formation, a description of indicators and criteria for evaluating competencies at various stages of their formation, a description of evaluation scales, standard control tasks or other materials necessary for evaluating knowledge, skills, skills and (or) experience of activity that characterize the stages of competence formation in the process of mastering the educational program, methodological materials defining the procedures for evaluating knowledge, skills, skills and (or) experience of activity that characterize the stages of competence formation, have been developed in full and are available for students on the discipline page in TUIS RUDN.

Developers:

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