

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

Medicine Institute

PROGRAM OF MANUFACTURING PRARCTICE

Name of practice

«Dentist assistant (hygienist)»

Recommended for the direction of training / specialty

31.05.03 Dentistry

The focus of the program (profile)

Dentistry

Graduate Qualifications

Doctor of Dentistry

MANUFACTURING PRACTICES PROGRAM

Dentist assistant (hygienist)

1. Purpose manufacturing practice

- ovladenie student for practice 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 manufacturing practice

- 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 OOP structure specialty "Dentistry"

For practical training «Dentist assistant (hygienist)» 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 manufacturing practices

Clinical with holding joint clinical dissections

5. Time and place of manufacturing practices

Manufacturing Practice «Dentist assistant (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 able to:

- 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

Own:

- 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:

- willingness to solve common tasks of professional activity with the use of information, bibliographic resources, biomedical terminology, information and communication technologies, and taking into account the main information security requirements (**OPC-1**);
- willingness to conduct medical documentation (**OPC -6**);
- ability and willingness to implement a set of measures aimed at the preservation and promotion of health and includes the formation of a healthy lifestyle, the prevention of occurrence and (or) distribution of dental diseases, their early diagnosis, identification of the causes and conditions of their emergence and development, as well as aimed at elimination of harmful effects on human health of environmental factors (**PC-1**);
- ability and willingness to conduct preventive medical examinations, clinical examination and implementation of follow-up of patients with dental pathology (**PC-2**);
- medical and statistical analysis of the incidence of dental information (**PC-4**).

7. The structure and content of industrial practice

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

number p / p	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 structure of dental work podrazdleniya)	Lab.zan.	Prakt.zan. (Perform productio n tasks)	Sam.rab (The systematizati on of 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-	-	-	6	1	Assessment of practical skills

	abrasive methods).					
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 «Dentist assistant (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 manufacturing 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 D).
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 manufacturing 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 manufacturing 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 manufacturing practices", filled in according to the individual tasks.

11. The educational-methodical and informational support manufacturing 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 Manufacturing Practice

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

- Kavo Dental Unit - 1 piece.
- Ultrasonic scaler Piezon Master - 1 pc.
- Complex Laser Diagnostic Lakki M - 1 pc.
- Endodontic apparatus - 1 pc.
- Apex locator - 1 pc.
- Ultrasonic cleaner - 1 piece.

13. Foundation evaluation means

Approximate list of questions for oral interview:

1. Structure of dental office
2. Principles of the organization of work of the dentist-hygienist
3. Requirements for maintaining medical records
4. Safety rules at the dental reception
5. Preparation of work area
6. Basic and additional methods of examination
7. What is included in the external examination of the patient
8. What is included in the examination of the patient's mouth
9. Dental formula
10. What is unconstrained
11. Functional diagnostic methods

12. Methods of diagnosis of malignant neoplasms of the head and neck
13. The method of determining the index Fedorova-Volodkina
14. Method of determining index PHP

Table 3. The final grade in the table is set in the student book

Points of PRS	Traditional evaluation in the Russian Federation	Points to transfer grades	Ratings	Ratings ECTS
86 - 100	5	95 - 100	5+	A
		86 - 94	5	B
69 - 85	4	69 - 85	4	C
51 - 68	3	61 - 68	3+	D
		51 - 60	3	E
0 - 50	2	31 - 50	2+	FX
		0 - 30	2	F

Description of ratings ECTS:

A ("Excellent") - theoretical course content mastered completely, with no gaps, necessary practical skills of work with the mastered material are formed, the training program learning tasks fulfilled, the quality of their performance assessed by the number of points close to maximum.

B ("Very good") - theoretical content of the course is mastered completely, without gaps, the necessary practical skills mastered, all provided by the training program learning tasks performed, the quality of most of them estimated the number of points close to maximum.

C ("Good") - theoretical content of the course is mastered completely, without gaps, some practical skills mastered the material not perfectly, all provided by the training program learning tasks fulfilled, the quality of performance none estimated with minimum number of points, some types of tasks completed with errors.

D ("Satisfactory") - theoretical content of the course is mastered partially, but gaps are not essential character, necessary practical navigatable with mastered material basically formed, most provided by the training program learning tasks fulfilled, performing some assignments may contain errors.

E ("Mediocre") - theoretical course content mastered in part, some practical skills are not formed, the many learning tasks are not fulfilled, or the quality of some of them estimated the number of points close to the minimum.

FX ("Conditionally unsatisfactory") - theoretical course content mastered in part, the necessary practical skills of work are not formed, most provided by the training program learning tasks are not fulfilled or the quality of their performance assessed by the number of points close to minimum; with additional individual work on the course material may increase the quality of performance of educational tasks.

F ("Definitely poor") - theoretical course content mastered, the necessary practical skills of work are not formed, all fulfilled tasks contain gross errors, additional independent work on course material will not result in any meaningful increase of learning tasks quality.

The program of practice is made according to the list approved by the order of the Ministry of education and science of Russia of 12.09.2013 No. 1061.

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