

**Federal State Budgetary Educational Institution higher education NORTH
OSSETIAN STATE MEDICAL ACADEMY Ministry of Health of the Russian Federation**

APPROVED



Director of FSBEI HE NOSMA

МОН RUSSIA

O.V. Remizov

“24” May 2023

**INTERNSHIP WORKING PROGRAM FOR OBTAINING PROFESSIONAL
SKILLS AND PROFESSIONAL EXPERIENCE**

(DENTIST'S ASSISTANT (SURGEON))

the main professional educational program of higher education - a specialist's program in
the specialty 31.05.03 Dentistry, approved on 05/24/2023

Full-time form of education _____ **Full-time**

Term of development of OPOP VO _____ **5 years**

Department _____ **Dentistry No. 2**

When developing the work program of the discipline, the following are taken as the basis:

Federal State Educational Standard of Higher Education in the specialty 31.05.03 Dentistry, approved by the Ministry of Education and Science of the Russian Federation on August 12, 2020 No. 984.

Curricula of the OPOP VO in the specialty 31.05.03 Dentistry,

СТОМ -21-01-21ИИ

СТОМ-21-02-22 ИИ

СТОМ-21-03-23 ИИ, approved by the Academic Council of the Federal State Budgetary Educational Institution of the Ministry of Health on May 24, 2023, Protocol No. 6

The working program of the discipline was approved at the meeting of the Department of Dentistry No. 2 dated May 18, 2023, Protocol No. 1

The working program of the discipline was approved at the meeting of the central coordinating educational and Methodological Council on May 23, 2023, Protocol No. 4

The working program of the discipline was approved by the Academic Council of the Federal State Budgetary Educational Institution of the Ministry of Health of the Russian Federation on May 24, 2023, Protocol No. 6

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Content of the practice program

1. indication of the type of practice, method and form (forms) of its implementation;
2. a list of planned learning outcomes during internship, correlated with the planned results of mastering the educational program;
3. indication of the place of practice in the structure of the educational program;
4. an indication of the amount of practice in credit units and its duration in weeks or in academic or astronomical hours;
5. the content of the practice;
6. indication of reporting forms for practice;
7. a fund of assessment tools for conducting intermediate certification of students in practice;
8. a list of educational literature and Internet resources necessary for the practice;
9. a list of information technologies used in the practice, including a list of software and information reference systems (if necessary);
10. description of the material and technical base necessary for the practice.
11. conducting educational activities using e-learning and distance learning technologies.

Type of practice - industrial practice

Type of practice - practice for obtaining professional skills and experience of professional activity.

Method of carrying out - stationary, exit

Conduct form - discrete

1. The list of planned learning outcomes during internship, correlated with the planned results of mastering the educational program

№ n/n	a Number / index of competence	Content of the competence (or part thereof)	Topic of the lesson (section)	Indicators of achievement of competencies	Results of mastering		
					know	be able	to master
1	2	3	4	5	6	7	8
1	UK-1	Able to carry out a critical analysis of problem situations based on a systematic approach, develop a strategy	Organization of the Department of Surgical Dentistry. Tooth extraction operation. Diseases of teething.	ID-1UK-1 Analyzes the problem situation and implements it decomposition into separate tasks ID-2UK-1 Develops a strategy for solving problems ID-3UK-1 Forms possible solutions to problems	- methods of abstract thinking in establishing the truth, methods of scientific research by mental dissection object (analysis) and by examining the subject in its entirety, the unity of its parts (synthesis);	- use the methods of abstract thinking, analysis and synthesis, analyze alternative options for solving research problems and evaluate the effectiveness of the implementation of these options	- skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussions and round tables;

2	UK-6	Able to identify and implement the priorities of their own activities and ways to improve them based on self-assessment and lifelong learning		ID-1UK-6 Assesses own resources and their limits (personal, situational, temporary), optimally uses them for the successful completion of the assigned task ID-2UK-6 Sets priorities personal growth and ways improvement of own self-assessment activities	<ul style="list-style-type: none"> - potential strengths and weaknesses of the personality; - effective ways of self-learning; methods of effective time planning; - major time wasters 	<ul style="list-style-type: none"> -draw up long-term and short-term plans; - organize your time; - build a portfolio; - plan your life for the period of study in an educational organization 	<ul style="list-style-type: none"> -techniques for analyzing the meaning of life problems and setting priorities; - planning your professional trajectory
3	OPK-1	Able to implement moral and legal norms, ethical and deontological principles in professional activities	Examination of the iatrogenia dental patient in dental practice. Ergonomics and deontological principles in the treatment of patients with dental diseases	ID-1OPK-1 Complies with moral and legal standards in professional activity. ID-2OPK-1 capable evaluate social - personal characteristics of the patient and the degree of their influence on the course of the disease ID-3OPK-1 Presents professional information in the process of intercultural interactions, respecting the principles of ethics and deontology	<ul style="list-style-type: none"> -professional ethics and deontology of medical activities; -the role of informed consent 	<ul style="list-style-type: none"> -communicate with patients, colleagues; - work in a team when diagnosing and treating a patient with dental diseases 	<ul style="list-style-type: none"> -communication skills with colleagues and patients

4	OPK- 2	Able to analyze the results of their own activities to prevent professional errors		ID-1OPK-2Able to analyze errors in the diagnosis and treatment of patients with dental diseases ID-2OPK-2Able to prevent and eliminate complications arising in the treatment of patients with dental diseases	-the reasons complications in surgical practice in the treatment of patients with dental diseases, and methods for their warnings; mistakes, arising in the treatment of a patient with dental diseases, methods for their prevention and elimination	- to plan treatment of a patient with dental diseases; - reveal, remove and take preventive measures complications in the laziness of patients with dental diseases	- methods of examination of patients with dental diseases
5	OPK-5	Capable of examining the patient to determine diagnosis when deciding professional tasks.	Basic and additional methods of examination in the clinic of surgical dentistry.	ID-1OPK-5 Uses the algorithm of clinical laboratory and functional diagnostics when solving professional tasks. ID-2OPK-5 Competently interprets the results of basic and additional examination methods ID-3OPK-5 Uses modern classification for setting the final diagnosis	- method of collecting information from dental patients - diagnostic tools and methods for diagnosing dental diseases; - current clinical guidelines in dentistry and the procedure for providing medical care to patients with dental diseases;	- analyze and interpret the information received from patients - conduct surveys dental patients - interpret results instrumental, laboratory examination of patients	-skills in obtaining information from dental patients with major dental diseases requiring orthopedic treatment. - skills of primary examination in accordance with the current methodology - skills in making a diagnosis of an algorithm for making a detailed clinical diagnosis for patients of different age groups with diseases of the dentoalveolar system - re-examination skills in accordance with the current methodology

6	OPK-6	Able to appoint, exercise control efficiency and safety non-drug and drug treatment in solving professional tasks	Odontogenic inflammatory diseases of the jaws (periodontitis, periostitis, odontogenic osteomyelitis) Odontogenic maxillary sinusitis. Perforation and fistula maxillary sinus	ID-1OPK-6 Applies clinical recommendations (treatment protocols) for medical care ID-2OPK-6 Considers clinical pharmacological characteristics major drug groups drugs when choosing specific medicines ID-3OPK-6 Carries out the correct choice of drugs for the treatment of a specific pathology	-medical care standards for diseases - modern methods of treatment - the mechanism of action of the main groups of drugs; main properties and characteristics of modern drugs used to treat a specific pathology	- use the necessary medical equipment - prescribe drug and non-drug therapy, taking into account the age and concomitant diseases of the patient - analyze the effect of drugs on the basis of their pharmacological effects on the body - evaluate the effectiveness and safety of drug and non-drug treatments	-skills in prescribing drug and non-drug therapy, taking into account the clinical picture of diseases - Skills in providing medical care in emergency conditions - skills to evaluate the effectiveness and safety drug therapy skills to assess the effectiveness and safety of non-drug methods treatment
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7	OPK-13	Able to solve standard professional tasks activities using information, bibliographic resources, biomedical terminology, information and communication technologies, taking into account the basic requirements of information security	Lymphadenitis of the face and neck. Abscesses localized in the oral cavity.	ID-1OPK-12 Uses modern information and communication means and technologies in professional activities. ID-2OPK-12Complies with the rules information security in professional activity.	- composition and purpose of the main elements personal computer, their characteristics; - concepts and classification of software - basics of probability theory and mathematical statistics;	- use educational, scientific, popular science literature, the Internet for professional activities; - carry out statistical processing experimental data;	-basic technologies for information transformation: text, spreadsheet editors; - techniques for working on the Internet for professional activities; medico-functional conceptual apparatus; - methods of processing text and graphics information
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8	PC-1	Examination of the patient in order to establish a diagnosis	Methods for examining a dental patient: basic, (questioning, examination) additional (computer topography, radioisotope, radiological, functional research), laboratory methods, special. Medical record of a dental patient, rules filling, sections of the medical record.	ID-1A / 01.7 Competently interprets the results of the collection information from patients ID-2A / 01.7 Competently interprets the data of instrumental, laboratory and functional research ID-1A / 01.7 Takes into account the data of consultations of patients by medical specialists ID-1A / 01.7 Establishes the correct final diagnosis of the accepted modern international disease classification	-Topographic anatomy of the head, maxillofacial region, features of blood supply, innervation, muscles, lymphatic systems, structure of teeth, periodontium, oral mucosa, - age-related changes maxillofacial area, peculiarities the impact on it of the external and internal environment - special and additional methods studies for the differential diagnosis of dental diseases; - medical indications and contraindications for the use of X-ray and other methods additional examination;	-justify the need and scope of instrumental and laboratory studies; - justify the need and scope additional examinations of patients (including radiographs, teleröntgenograms, radiovisiograms, orthopantomograms, tomograms (on film and digital carriers)) - conduct physical examinations and interpret their results; - conduct a general clinical examination; - justify the need to refer patients to consultation with medical specialists	- skills in collecting complaints, anamnesis of the disease, life history in dental patients; -skills for inspection, palpation, skills in reading the results of additional laboratory research methods
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9	PC-2	Purpose, control of efficiency and safety non-drug and drug treatment	Cspecific processes of the face and jaws (actinomycosis, tuberculosis, syphilis, HIV infection) Furuncle and carbuncle of the face. Erysipelas.	ID-1PK-2 Prescribes drug therapy for diseases in accordance to existing medical indications, taking into account the pharmacodynamics and pharmacokinetics drugs ID-2PK-2Prescribes non-drug therapy in accordance with medical indications ID-3 PC-2 Evaluates efficacy and safety medical methods of treatment ID-4 PC-2 Evaluates efficacy and safety non-drug treatments ID-5 PC-2 Analyzes the effect of drugs on combination of their pharmacological effects ID-6 PC-2 Analyzes the action non-drug methods of treatment according to the totality of properties ID-7 PC-2 Compile prescriptions for medicinal drugs, write prescriptions diseases, pathological processes and conditions ID-8 PC-2 Uses medicinal preparations, medical devices (including dental materials, tools) ID-10 PC-2 Determines the methods of administration, medication regimen and	-Groups of drugs, their pharmacokinetics, pharmacodynamics, drug compatibility -clinical picture of specific infectious processes in the oral cavity, -basic treatments - device principles and rules operation of modern medical devices and equipment -standards of medical care for specific infectious processes in the oral cavity	-Assign drug therapy of specific infectious processes in the oral cavity, taking into account pharmacodynamics and pharmacokinetics of drugs funds -evaluate efficiency and safety medical treatments specific infectious processes in the oral cavity -evaluate efficiency and safety non-drug methods of treatment of specific infectious processes in the oral cavity	-prescribe drug therapy for diseases in accordance with existing medical indications, taking into account the pharmacodynamics and pharmacokinetics of drugs; - compose prescription prescriptions for medicines, write out prescriptions for diseases, pathological processes and conditions. - rendering skills medical care in emergency cases and emergency forms
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10	PC-4	Conduct and control efficiency of sanitary anti-epidemic and other preventive public health measures	Sanitary and hygienic standards for the organization of dental surgical care. Algorithm for a preventive dental examination	<p>ID-1 PC-4 Conducts preventive inspections of various categories of citizens</p> <p>ID-2 PC-4 Conducts prophylaxis diseases of the teeth, periodontium, oral mucosa, lips, jaw bone tissue, peripheral nervous system maxillofacial areas, temporal jaw joint, salivary glands</p> <p>ID-3 PC-4 Performs the prescribed actions when taking anti-epidemic measures in case of infectious diseases (submission of an emergency notification about the focus of infection, identification and monitoring of contact persons)</p> <p>ID-4 PC-4 Uses methods of primary and secondary prevention</p> <p>ID-5 PC-4 Applies methods of organizing primary prevention dental diseases in any age group</p> <p>ID-6 PC-4 Applies funds personal protection</p>	<p>-Principles dispensary observation of persons with diseases hard tissues of teeth</p> <p>-Peculiarities specific and non-specific prevention of infectious diseases</p> <p>-Features of prevention of oncopathology</p> <p>- Clinical picture, major symptoms diseases and borderline states maxillofacial region adults and children, their prevention</p> <p>- Fundamentals of preventive medicine aimed at strengthening public health</p>	<p>-Carry out preventive examinations of various categories of citizens</p> <p>- To prevent caries and non-carious lesions</p> <p>- Apply methods of organizing primary prevention dental diseases in any age group</p> <p>-use personal protective equipment</p>	<p>-skills in conducting preventive examinations of the population</p> <p>- carrying out skills preventive measures diseases hard tissues of teeth</p> <p>- rendering skills qualified medical care in the treatment of caries and its complications using modern methods of prevention, approved for use in medical practice</p> <p>- skills of brief counseling on prevention caries and its complications</p>
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11	PC-5	<p>Conducting sanitary and hygienic education among the population and medical workers in order to form a healthy lifestyle</p>	<p>Preventive health education dental diseases in children. Definition, goals, objectives, forms, methods and means of dental education. Materials on dental education and principles for their development</p>	<p>ID-1PK-5 Conducts sanitary and hygienic education among patients (their relatives/legal representatives) and medical workers in order to promote a healthy lifestyle ID-2 PC-5 Assesses physical development and functional state of the patient's body ID-3 PC-5 Forms in patients (their relatives/legal representatives) behavior aimed at maintaining and improving health</p>	<p>The main criteria for a healthy lifestyle and methods for its formation Forms and methods of sanitary hygiene education among the population and medical workers Basic hygiene measures health character, conducive to strengthening health and disease prevention</p>	<p>Conduct sanitary and hygienic education among patients (their relatives/legal representatives) and medical employees in order to form a healthy lifestyle Form patients (their relatives/legal representatives) behavior aimed at maintaining and improving the level of health</p>	<p>Hygiene training skills activities of a health character, conducive to strengthening health and prevention of diseases of hard dental tissues. Compliance with the principles of medical ethics and deontology in work with patients (their relatives/legal representatives), colleagues</p>
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3. Indication of the place of practice in the structure of the educational program

The practice belongs to the basic part of Block 2 of the Practice of the Federal State Educational Standard of Higher Education in the specialty 31.05.03 Dentistry.

Types of professional activity underlying the teaching of this discipline:

Medical

Organizational and managerial

Research.

1. Indication of the amount of practice in credit units and its duration in weeks or in academic or astronomical hours

№ n /	a Type of work	Total credits	Total hours	Se me ste rs
				7
				hours
1	2	3	4	5
1	Contact work of students with the teacher (total), including:		72	72
2	Student Independent Work (SIW)		36	36
3	Type of intermediate assessment	credit (H)		
		exam (E)		
4	TOTAL: Total labor	hours	108	108
		Z	3	

2. Content of the discipline

No./n	semester number	Name of the topic (section) of practice	Contact . hours	Sa/W ork.	Total hours
1	7	Organization of the Department of Surgical Dentistry	12	6	18
2	7	Tooth extraction operation	12	6	18
3	7	Teething diseases	12	6	18
4	7	Odontogenic inflammatory diseases	12	6	18
5	7	Specific inflammatory processes of the face and jaws (actinomycosis, tuberculosis, syphilis, HIV infection)	12	6	18
6	8	Furuncle and carbuncle of the face. Erysipelas	12	6	18
TOTAL:			72	36	108

3. Indication of reporting forms by practice

Based on the results of the practice, students draw up a diary of practice in the prescribed form, and the head of the practice - a report according to the form.

4. Fund of assessment tools for conducting intermediate certification of students in practice

No./n	List of competencies	Semester No	Assessment indicator(s)	Assessment criterion(s)	scale	FOS name
1	2	3	4	5	6	7
1	OPK-6, OPK-11, PC-5, PC-6, PC-7, PC-8, PC-9, PC-15, PC-16	7	see quality standard education, approved By order of FGBOU VO SOGMA Ministry of Health of Russia from 10.07.2018 г., №264/o	see quality standard education, approved By order of FGBOU VO SOGMA Ministry of Health of Russia from 10.07.2018 г., №264/o	see quality standard education, approved By order of FGBOU VO SOGMA Ministry of Health of Russia from 10.07.2018 г., №264/o	Test tasks; Control tasks.

5. The list of educational literature and resources of the Internet network necessary for the practice

№	a no. Name	Author(s)	Year, place of publication	Number of copies.	
				in the bible	to the department.
1	2	3	4	5	6
Main literature					
1.	Surgical dentistry: textbook	V.V. Afanasiev.	M. : GEOTAR-Media, 2010. - 880 p.	101	1
2.	Surgical dentistry: textbook	T. G. Robustova	M. : Medicine, 2011.	62	1
Additional literature					
4.	Craniofacial Surgery in 3D: Atlas	Бельченко В.А., Притыко А.Г., Климчук А.В., Филлипов В.В.	M: GEOTAR-Media, 2010, - 224 p.	68	1
5.	Surgical dentistry and maxillofacial surgery. Thematic tests: study guide. In 2 parts.	Panin A.M., Biberman A.M., Bizyaev A.F. and etc	M. : GEOTAR-Media, 2009. - 768 p.	51	1



В. Логмаша

6. List of information technologies used in the practice, including a list of software and information reference systems

(if necessary)

EBS "Student Advisor", access to textbooks:

1. <http://www.stom.ru/> - Russian dental portal
2. <http://www.edentworld.ru/> - Dental portal eDentWorld
3. <http://www.dentoday.ru/> - Electronic version of the newspaper "Dentistry Today"
4. <http://stomgazeta.ru/> - Archive of the publishing house "Poly Media Press"

7. Description of the material and technical base necessary for the practice

- The Department of Dentistry No. 2 is located on the basis of the SOGMA dental clinic (66 Kirov St.), RCH. The total area used by the department for the educational process is 49 sq. m2.
- The department has three rooms:
- Surgical room, (9 sq m2), which also hosts classes with students,
- Two study rooms of the Republican Clinical Hospital, Department of the ChLH, 7th floor

№ / n	Equipment identification	Quantity	Technical condition
1	2	3	4
Special equipment			
1.	multimedia complex (laptop, projector, screen)	1	Good
2.	dental unit	1	Satisfactory
phantoms			
3.	-	-	-
Models			
4.	Jaw models	2	Satisfactory
5.	Skull	1	Satisfactory

8. Conducting educational activities using e-learning and distance learning technologies

In the context of the introduction of restrictive measures (quarantine) associated with an unfavorable epidemiological situation, the threat of the spread of a new coronavirus infection and other force majeure events that do not allow training sessions in full-time mode, it is possible to study this discipline or part of it using e-learning and distance learning technologies.

Teaching discipline in the situations described above will be carried out through the development of an electronic course with access to video lectures and interactive course materials: presentations, articles, additional materials, tests and various tasks. When conducting training sessions, current monitoring of progress, as well as intermediate certification of students, the platforms of the electronic

information and educational environment of the academy and / or other e-learning systems recommended for use in the academy, such as Moodle, Zoom, Webinar, etc., can be used.

Lectures can be presented in the form of audio, video files, "live lectures", etc.

Conducting seminars and practical classes is possible on-line in both synchronous and asynchronous modes.

Seminars can be held in the form of web-conferences.