

Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

WORKING PROGRAM

Name of the academic discipline: ***DENTIST'S ASSISTANT (THERAPIST)***

Specialty: ***31.05.03 DENTISTRY***

Qualification: ***DENTIST***

Department: ***THERAPEUTIC DENTISTRY***

Mode of study: ***full-time***

Duration of practice - ***2 weeks (school days 12)***

Nizhny Novgorod
2021

The working program has been developed in accordance with the Federal State Educational Standard of Higher Education in the specialty 05.31.03 "STOMATOLOGY", approved by order of the Ministry of Education and Science of the Russian Federation № 984 dated August 12, 2020

The compilers of the work program:

Uspenskaya O.A., head. Department of Therapeutic Dentistry, Associate Professor, MD;
Plishkina A.A., Associate Professor of the Department of Therapeutic Dentistry, Ph.D.

The program was reviewed and approved at a meeting of the department Therapeutic dentistry, protocol № 9 dated April 13, 2021

Department head
therapeutic dentistry,
MD, Associate Professor



Uspenskaya O.A.

April 13, 2021

AGREED

Deputy Head of EMA ph.d. of biology _____ Lovtsova L.V.

(signature)

April 13, 2021

1. Type of practice production

2. Method of carrying out the practice stationary

3. Form of conducting practice continuously/discretely

4. Scope of practice 4 SG.

5. Duration of practice 2 weeks (12 training days)

Practice is held in the 8th semester according to the schedule.

6. List of planned learning outcomes during internship, correlated with the planned results of mastering the educational program

6.1. The purpose and objectives of the internship

The purpose of the internship:

- formation of the following general cultural competencies (OC) in the graduate:

- Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy (UK-1)

- Able to implement moral and legal norms, ethical and deontological principles in professional activities (GPC-1)

- Able to conduct a patient examination in order to establish a diagnosis in solving professional problems (OPK-5)

- Able to analyze the results of their own activities to prevent professional errors (OPK-2)

- readiness to collect, analyze complaints and other information from the patient (relatives/legal representatives), his medical history, interpretation of examination results, laboratory, instrumental, pathoanatomical and other studies in order to recognize the condition or establish the presence or absence of a dental disease, symptoms, syndromes of dental diseases, the establishment of nosological forms in accordance with the International Statistical Classification of Diseases and Related Health Problems, and other regulatory documents of the Ministry of Health of the Russian Federation (Procedure for the provision of medical care, Standard of Medical Care, Clinical Guidelines for the provision of medical care, etc.) (PC-6)

- the ability to determine the tactics of managing patients with various dental diseases in accordance with the Clinical recommendations and other regulatory documents of the Ministry of Health of the Russian Federation in outpatient and day hospital conditions, taking into account the age of the patient. (PK-7)

- the ability to provide emergency and urgent care for conditions that occur at a dental

appointment in accordance with the Clinical recommendations and other regulatory documents of the Ministry of Health of the Russian Federation on an outpatient basis and in day hospital conditions. (PC-4)

- willingness to participate in scientific research, analysis and public presentation of medical information based on evidence-based medicine and to participate in the implementation of new methods and techniques aimed at protecting public health and reducing dental morbidity. (PK-12)

Practice objectives:

The student must know:

- stages of development of therapeutic dentistry, the role of leading scientists in the development of the discipline, the basics of organizing dental care in the Russian Federation;
- principles of dental office equipment;
- definition, classification, etiology and pathogenesis of dental caries;
- pathological anatomy, clinic, differential diagnostics, methods of treatment and prevention of caries;
- classification, etiology, pathogenesis, pathological anatomy of pulpitis;
- clinic, differential diagnosis, methods of treatment of inflammation of the pulp;
- classification, etiology, pathogenesis, pathological anatomy of periodontitis;
- clinic, differential diagnosis, methods of treatment of periodontal inflammation;
- classification, etiology, pathogenesis, pathological anatomy of dental lesions of non-carious origin. Clinic, differential diagnosis, methods of prevention and treatment of lesions of hard tissues of the tooth of non-carious origin;
- possible errors and complications arising in the treatment of caries, its complications, dental diseases of non-carious origin, their elimination and treatment;
- Carrying out capillaroscopy and capillarography;
- carrying out reoparodontography;
- Carrying out a radical gingivectomy;
- study of the quantitative and qualitative composition of the gingival fluid;
- determination of leukocyte migration (M.Ya.Yasinovsky's test);
- detection of tissue saturation with ascorbic acid (Rotter's test);
- testing with bacterial allergens;
- stomatoscopy;
- luminescent diagnostics;
- determination of the potential difference in the oral cavity;

The student must be able to:

- to conduct a survey of patients in order to diagnose caries, pulpitis, periodontitis, periodontal diseases, non-carious lesions of the teeth;
- determine the index of oral hygiene according to Fedorov - Volodkina, according to Green-Vermillion;
- describe radiographs;
- determine the degree of tooth mobility (I, II, III);
- determine the type of plaque on the teeth, tartar, its color, consistency;
- determine the state of the anatomical areas of the gums (free and attached gums);
- determine the nature of gingivitis (acute, chronic, catarrhal, hypertrophic, atrophic, ulcerative);
- determine the depth of pockets with a graduated probe;
- to determine the presence of subgingival tartar, discharge from pockets;
- determine the severity of gingival inflammation (mild, moderate, severe);

- conduct a Schiller-Pisarev test to clarify the boundaries of inflammation;
- determine the papillary-marginal-alveolar index (PMA);
- determine the periodontal index (PI);
- to determine the CPITN index - the index of the need for the treatment of periodontal diseases;
- take a smear for cytological, bacterioscopic, bacteriological examination of the contents of the pocket;
- perform palpation of regional lymph nodes of the facial skeleton, soft tissues of the face;
- perform palpation of Valle's points;
- perform palpation of the oral mucosa;
- to determine the morphological elements of the lesion;
- probe deep ulcers, fistulas;
- carry out drying and vital staining of the enamel in order to identify carious spots;
- prescribe and conduct training in rational oral hygiene;
- to carry out therapeutic measures for enamel remineralization in order to prevent and treat caries and non-carious lesions of the teeth;
- to carry out complex measures for the prevention of caries;
- to carry out application, infiltration and conduction anesthesia for the purpose of painless treatment of affected hard tissues of the tooth and pulp;
- choose and carry out a rational method of treating caries, pulpitis, periodontitis, non-carious lesions of the teeth, depending on the clinical manifestations and the state of the organism as a whole;
- dissect carious cavities of I-VI classes of Black, atypically located cavities;
- carry out antiseptic treatment and drying of cavities in the hard tissues of the tooth;
- mixing materials for temporary and permanent fillings, root canal fillings, therapeutic and insulating linings;
- apply therapeutic and insulating pads, temporary fillings and dressings, fillings from cements, amalgam, compomers and composite filling materials;
- seal intact fissures of teeth with sealants;
- grinding and polishing fillings;
- apply paste for pulp devitalization;
- remove temporary and permanent fillings;
- open cavities of all anatomical groups of teeth, prepare crowns of intact teeth;
- remove the pulp after devitalization from the root canal;
- to carry out instrumental, drug treatment of the root canal, its drying, determining the degree of its patency;
- seal root canals with pastes and sealants without using and using pins;
- remove fragments of instruments from the root canal;
- to carry out therapeutic measures in case of damage to the oral mucosa with arsenic salts;
- to carry out therapeutic manipulations in case of perforation of the bottom and walls of the carious cavity, pulp chamber, bi- and trifurcation;
- to carry out therapeutic manipulations to eliminate complications associated with the treatment of caries and its complications;
- remove dental deposits: plaque, supra- and subgingival tartar;
- polish teeth after removal of dental deposits;
- carry out applications of drugs on the marginal gum;
- wash pockets with a syringe, spray gun;
- introduce turundas with medicinal substances into pockets;
- dissect the periodontal pocket in the presence of an abscess;
- carry out curettage of pockets;
- prepare and apply medical dressings;
- to introduce medicinal substances into the hypertrophied gingival papilla for the purpose of sclerosis;

- to carry out a gingivectomy;
- splinting teeth in case of periodontal diseases (ligature binding, splints made of fast-hardening plastic and composites);
- inject medicinal substances into the transitional fold;
- eliminate local traumatic factors;
- inject drugs under the elements of the lesion;
- local treatment of lesions of the mucous membrane - removal of raids, necrotic tissues, washing, irrigation, applications;
- correctly draw up the ICSB and other medical documentation (referrals to other departments, etc.);
- Write prescriptions for medicines.

The student must be proficient in:

- methods of preparation, mechanical and drug treatment and filling of carious cavities;
- methods of remotherapy;
- methods of mechanical and drug treatment of root canals;
- methods of filling root canals;
- methods of treatment of periodontal diseases;
- methods of treatment of non-carious lesions of hard dental tissues;
- methods of injection and non-injection local anesthesia;
- methods of treatment of pulpitis, apical periodontitis and caries;
- methods of professional oral hygiene;
- fissure sealing techniques

6.2. Results of development and indicators of achievement of competencies.

The internship is aimed at developing the following universal (UK), general professional (OPK) and professional (PC) competencies among students:

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric	As a result of mastering the discipline, the students should:		
				know	be able to	possess
1.	UC-1	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	1.1 Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis 1.2 Able to: gain new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for information and solutions based on action, experiment and experience	basic methods of critical analysis; - methods of a systematic approach in the diagnosis, treatment and prevention of pathologies of diseases of the oral	identify problem situations using the methods of analysis, synthesis and abstract thinking; - search for solutions to problem situations based on actions, experiment and experience;	technologies for getting out of problem situations, skills in developing an action strategy; - critical analysis skills; critically evaluate the reliability of sources of information, work with conflicting information from different

			1.3 Has practical experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems	cavity.	— analyze the phenomena and process the results; — determine, within the framework of the selected algorithm, questions (tasks) to be further developed and propose ways to solve them; — form and reasonably defend their own position on various problems	sources; develop and meaningfully argue a strategy for solving a problem situation based on a systematic and interdisciplinary approach.
2.	GPC-1	Able to implement moral and legal norms, ethical and deontological principles in professional activities	1.1 Knows: basics of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical practice 1.2 Able to: apply ethical norms and principles of behavior of a healthcare worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients	Relationships "doctor-patient", "doctor-relatives", the impact of humanistic ideas on medicine, moral and ethical standards, rules and principles of professional medical behavior, the rights of the patient and the	Protect the civil rights of doctors and patients of all ages	Skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, discussions and round tables; principles of medical deontology and medical ethics; skills of informing patients of various age groups and their relatives

			<p>(their legal representatives)</p> <p>1.3 Has practical experience in: solving standard problems of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice</p>	<p>doctor, the main ethical documents of international and domestic professional medical associations and organizations, the main directions psychology, general and individual characteristics of the psyche of children, adolescents and adults, psychology of personality and small groups</p>		<p>and friends in accordance with the requirements of the rules of "informed consent" and consent to the processing of personal data</p>
3.	GPC-5	<p>Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems</p>	<p>5.1 Knows: anatomy, histology, embryology, topographic anatomy, physiology, pathological anatomy and physiology of human organs and systems</p> <p>5.2 Able to: evaluate the basic morphological and functional data, physiological conditions and pathological processes in the human body</p> <p>5.3 Has practical experience in:</p>	<p>Statistical research methods. The main stages of socio-hygienic research, their content. Types and methodology for calculating relative and average values,</p>	<p>Apply statistical research methods. Conduct social and hygienic research, Calculate and analyze relative and average values and their errors. Apply methods of correlation analysis.</p>	<p>Skills of independent choice and application of statistical research methods. Skills for independent conduct of social and hygienic research, skills for independent calculation and analysis of relative and</p>

			assessment of basic morphological and functional data, physiological conditions and pathological processes in the human body when solving professional problems	their errors. Methods of correlation analysis. Methods for standardizing indicators. Methods for the analysis of time series. The main indicators of public health and the activities of the Ministry of Defense	Apply methods for standardizing indicators. Apply time series analysis methods. Calculate the main indicators of the health of the population and the activities of the Ministry of Defense	average values and their errors. Skills of independent application of methods of correlation analysis, standardization of indicators, Skills of independent application of methods of analysis of time series. The skills of self-calculation of the main indicators of the health of the population and the activities of the Ministry of Defense
4.	GPC-2	Able to conduct and realize control of efficiency of activities for prevention, formation of the healthy lifestyle and sanitary and hygienic education	2.1 Knows: the main criteria for the healthy lifestyle and methods of its formation; social and sanitary medical aspects of alcoholism, drug addiction, substance abuse, basic principles of their prevention; forms and methods of sanitary and hygienic education among patients (their legal representatives), medical workers; basic hygienic recreational activities that contribute to the health promotion and prevention of the most common diseases; fundamentals of preventive medicine; stages of planning and implementation of communal programs for the prevention of the most common	chemical and biological essence of the processes occurring in a living organism at the molecular, cellular, tissue and organ levels; - concepts of etiology, pathogenesis, morphogenesis, pathomorphosis of the disease,	use educational, scientific, popular science literature, the Internet for professional activities; - analyze the histophysiological state of various cellular, tissue and organ structures of a person; - to substantiate the nature of the pathological process	the skills of making a preliminary diagnosis based on the results of laboratory and instrumental examination of patients; - methods of general clinical examination of children and adults; - an algorithm for making a preliminary diagnosis to patients and, if necessary, with their subsequent referral for additional examination

		<p>diseases</p> <p>2.2 Able to: conduct sanitary and hygienic education among children and adults (their legal representatives) and healthcare workers in order to form a healthy lifestyle and prevention of the most common diseases; carry out sanitary and educational work among children and adults with the aim of forming the healthy lifestyle and prevention of the most common diseases; of children and adults (their legal representatives) conduct aimed at preserving and improving the level of somatic health; develop and implement programs of healthy lifestyle formation, including reduction programs of alcohol and tobacco consumption, prevention and fight against non-medical narcotic drug use and psychotropic substances; develop a plan of preventive measures and implement methods of group and individual prevention of the most common diseases; prescribe preventive measures to patients taking into account risk factors for prevention and early detection of diseases including cancer; carry out non-drug methods for the prevention of the most common</p>	<p>principles of classification of diseases; - basic concepts of general nosology; - theoretical foundations of computer science, collection, storage, search, processing, transformation, dissemination of information in medical and biological systems, the use of information computer systems in medicine and healthcare,</p>	<p>and its clinical manifestations, the principles of pathogenetic therapy of the most common diseases, in particular dental ones; - analyze and evaluate the quality of medical, dental care, the state of health of the population, the influence of lifestyle factors, the environment and the organization of medical care on it; - develop a treatment plan taking into account the course of the disease, select and prescribe drug therapy, use methods of non-drug treatment, conduct rehabilitation measures for diseases of the</p>	<p>and to specialist doctors; - an algorithm for making a detailed clinical diagnosis for patients; - methods for diagnosing and treating caries, pulp and periodontal diseases, periodontal and oral mucosa diseases in children and adults in accordance with the regulatory documents for patient management; - technology of working on the Internet for professional activities</p>
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			<p>diseases</p> <p>2.3 Has practical experience in: propaganda of healthy lifestyle and prevention of the most common diseases; carrying out sanitary and educational work among children and adults; formation of children and adults (their legal representatives) conduct aimed at preserving and improving the level of somatic health; formation of healthy lifestyle programs, including alcohol and tobacco consumption reduction programs, prevention and fight against non-medical consumption of narcotic drugs and psychotropic substances; development of a preventive action plan of events and implementation of group and individual prevention of the most common diseases; prescription of preventive measures for children and adults taking into account risk factors, oncological and hygienic prevention in accordance with the procedures for providing medical care, clinical recommendations taking into account the standards of medical care; selection of non-drug methods for the prevention of the most common diseases</p>		<p>maxillofacial region; - interpret the results of the examination, make a preliminary diagnosis to the patient, outline the scope of additional studies to clarify the diagnosis, formulate a clinical diagnosis</p>	
5.	PC-6	Able to	6.1 Knows: general	pathologic	conduct	methods of

	<p>send a patient to laboratory, instrumental examination, to a consultation with specialist doctors if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on providing medical care taking into account the standards of medical care, and also refer the patient for providing specialized medical care in an inpatient setting or in a day hospital if there are medical indications in accordance with the current procedures for the medical care delivery, clinical recommendations</p>	<p>issues of organizing medical care for the population, methods of laboratory and instrumental examinations to assess the state of health, medical indications for conducting examinations, rules for interpreting their results; procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care 6.2 Able to: justify the need and scope of laboratory examination of the patient; justify the need and scope of instrumental examination of the patient; justify the need to refer the patient for consultations with specialist doctors; determine medical indications for the provision of emergency, including emergency specialized, medical care</p>	<p>al anatomy, clinic, differential diagnosis, methods of treatment and prevention of caries; classification, etiology, pathogenesis, pathological anatomy of pulpitis; clinic, differential diagnostic, methods of treatment of inflammation of the pulp; classification, etiology, pathogenesis, pathological anatomy of periodontitis; classification, etiology, pathogenesis, pathological anatomy</p>	<p>examination of patients in order to diagnose caries, pulpitis, periodontitis, non-carious lesions of the teeth, periodontal diseases and oral mucosa, take a smear for cytological, bacterioscopic, bacteriological examination of the contents of the pocket; perform palpation of regional lymph nodes of the facial skeleton, soft tissues of the face; palpation of the oral mucosa; determine the morphological elements of the lesion; probe deep ulcers, fistulas; take material for cytological examination</p>	<p>treatment of periodontal diseases; methods of treatment of diseases of the oral mucosa; methods of treatment of non-carious lesions of hard dental tissues; methods of treatment of pulpitis, apical periodontitis and caries</p>
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		<p>ons (treatment protocols) on the medical care delivery taking into account the standards of medical care</p>		<p>of lesions of teeth of non-carious origin. Clinic, differential diagnosis, methods of prevention and treatment of lesions of hard tissues of the tooth of non-carious origin; clinic, differential diagnosis, methods of treatment of periodontal inflammation; classification, etiology, pathogenesis, pathological anatomy of diseases of the oral mucosa. Clinic, differential diagnosis, methods of prevention</p>	<p>n (scrapings, prints); take material for direct microscopy for fungi, fusospirochetes; to carry out therapeutic measures in case of damage to the oral mucosa with arsenic salts; local treatment of lesions of the mucous membrane - removal of plaque, necrotic tissue, washing, irrigation, applications ; inject drugs under the elements of the lesion; to eliminate local traumatic factors to determine the index of oral hygiene according to Fedorov-Volodkina, according to Green-Vermillion;</p>	
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				and treatment of diseases of the oral mucosa	describe radiographs ; determine the degree of tooth mobility (I, II, III);	
6.	PC-7	Able to: make a differential diagnosis with other diseases/conditions including emergencies, establish a diagnosis taking into account the current international statistical classification of diseases and related health problems (ICD)	IPC 7.1 Knows: etiology, pathogenesis and pathomorphology, clinical aspect, differential diagnosis, clinical features, complications and outcomes of diseases of internal organs; methods of laboratory and instrumental examinations for assessing the state of health, medical indications for conducting examinations, rules for interpreting their results; ICD 7.2 Able to: analyze the results of the patient's examination, if necessary, justify and plan the scope of additional examinations; interpret the results of collecting information about the patient's disease; interpret the data obtained during the laboratory examination of the patient; interpret the data obtained during the instrumental examination of the patient; interpret the data obtained during consultations of the patient by medical specialists; to carry out differential diagnostics of diseases of internal organs from other diseases	clinic, differential diagnostics, methods of treatment of inflammation of the pulp; periodontal and diseases of the oral mucosa, classification, etiology, pathogenesis, pathological anatomy. Methods of treatment, indications, contraindications to methods of treatment.	choose and carry out a rational method of treating caries, pulpitis, periodontitis, periodontal diseases, oral mucosa, depending on the clinical manifestations and the state of the body as a whole; apply paste for pulp devitalization; open the cavities of all anatomical groups of teeth, prepare the crowns of intact teeth; remove the pulp after devitalization from the root canal; to carry out instrumental, drug treatment of the root	methods of treatment of non-carious lesions of hard dental tissues; methods of preparation, mechanical and drug treatment and filling of carious cavities; methods of treatment of pulpitis, apical periodontitis and caries, methods of professional hygiene, removal of dental deposits, methods of treatment of diseases of the oral mucosa

				canal, its drying, determining the degree of its patency; seal root canals with pastes and sealants without using and using pins; remove fragments of instruments from the root canal; carry out the removal of supra- and subgingival dental deposits, applications on the oral mucosa, blockade under the elements of the lesion take a smear for cytological, bacterioscopic, bacteriological examination of the contents of the pocket; perform palpation of regional lymph nodes of the facial skeleton, soft tissues	
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				<p>of the face; palpation of the oral mucosa; determine the morphologi cal elements of the lesion; probe deep ulcers, fistulas; take material for cytological examinatio n (scrapings, prints); take material for direct microscopy for fungi, fusospiroch etes; to carry out therapeutic measures in case of damage to the oral mucosa with arsenic salts; local treatment of lesions of the mucous membrane - removal of plaque, necrotic tissue, washing, irrigation, applications ; inject drugs</p>	
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					under the elements of the lesion; eliminate local traumatic factors	
7.	PC-4	Able to use medicines and medical devices for providing medical care in emergency forms	<p>4.1 Knows: modern methods of using medicines, medical devices for diseases and conditions in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care taking into account the standards of medical care in the provision of medical care in emergency or urgent forms; the mechanism of action of drugs, medical devices, medical indications and contraindications to their use; complications caused by their use; principles of operation of devices for external electric pulse therapy (defibrillation); rules for performing external electric pulse therapy (defibrillation) in case of sudden cessation of blood circulation and / or respiration</p> <p>4.2 Able to: prescribe medicines, medical devices taking into account the diagnosis, age and clinical picture of the disease</p>	Provide emergency resuscitation in the event of an emergency, conduct intravenous, intramuscular, subcutaneous injections of drugs in accordance with the emergency that has arisen, the rules for conducting in case of emergency	Methods of medical resuscitation, use fire fighting equipment, fire extinguishers	<p>Skills for assessing a condition requiring emergency medical care</p> <p>Recognition of conditions that pose a threat to life, including the state of clinical death (stopping the vital functions of the human body (blood circulation and (or) respiration), requiring emergency medical care</p> <p>Providing emergency medical care to patients in conditions that pose a threat to the life of patients, including clinical death (stopping the vital functions of the human body (blood circulation and (or) breathing)</p> <p>The use of medicines and medical devices in the provision of medical care in an emergency</p>

			in accordance with the current procedures for providing medical care, clinical recommendations (treatment protocols) on the medical care delivery in emergency or urgent forms			form
8.	PC-12	Able to prepare the necessary medical documentation for the implementation of medical and social expertise in federal state institutions of medical and social expertise and refer a patient with a persistent impairment of body functions caused by diseases, the consequences of injuries or defects to medical and social expertise	12.1 Knows: the procedure for referring a patient to a medical and social examination; signs of persistent impairment of body functions caused by diseases, consequences of injuries or defects; rules for registration and issue of medical documents when referring patients for specialized medical care, sanatorium treatment, medical and social examination 12.2 Able to: identify signs of temporary disability and signs of persistent impairment of body functions caused by diseases, the consequences of injuries or defects	Scientific literature, educational and methodical publications, scientific journals and collections of works. Methods of medical statistics	Analyze scientific literature and statistical reviews, conduct statistical analysis, present the resulting statistics, and interpret them.	Methods of medical statistics, determination of the Student's criterion, non-parametric methods, comparison of independent and dependent groups, methods for describing qualitative features.

7. The place of practice in the structure of the main educational program (CEP) of HE
7.1. The practice belongs to Block 2 of the PLO VO.

7.2. To pass the practice, knowledge, skills and abilities are required, formed by previous disciplines/practices:

- "Assistant to the dentist (therapist)"

	patient			nts	e data		ent		ure
1	2	3	4	5	6	7	8	9	10

The student's work practice diary is an official document and is kept in a common notebook. The diary is filled out daily, neatly, legibly. The diary should reflect all the work that the student has done independently.

When filling out the admission diary, it must be remembered that the diagnosis must be confirmed by complaints and objective data, the justification of the diagnosis is the main condition.

The diary is signed daily by the curator.

9.2. Feedback from the practice base (individual and/or generalized).

**Characteristic
for a student of FGBOU VO "PIMU" of the Ministry of Health of the
Russian Federation
Full name 4 course ___ group of the Faculty of Dentistry.**

In the course of the internship "Assistant to the dentist-therapist" on the basis of _____, student _____ proved to be the best. Clearly and unquestioningly followed the instructions of the head of the practice, the head of the department and the head physician; showed an excellent level of theoretical knowledge and practical skills; complied with the rules of ethics and deontology, both when communicating with patients and in the course of working with other dentists; got acquainted with the organization of dental orthopedic care for the population. There were no comments.
Practice score "_____"

10. Fund of evaluation tools for ongoing monitoring and intermediate certification in practice

№ п/п	Forms of control	Name of practice section	Evaluation tools		
			Kinds	number of security questions	number of test items
1	3	4	5	6	7
1	Control of the development of the topic		Test tasks	100	Unlimited (when conducting computer testing)
3	Exam	Assistant dentist (therapist)	oral interview	3	

11. Educational, methodological and information support for practice (printed, electronic publications, Internet and other network resources).

11.1. List of basic literature:

№	Name according to bibliographic requirements	Number of copies	
		at the department	in library
1	Practical therapeutic dentistry: textbook / Nikolaev A.I.; Publisher: MEDpress-inform, 2008	1	1
2	Phantom course of therapeutic dentistry / Nikolaev A.I.; Publisher: MEDpress-inform, 2009	1	96
3	Sanitary and hygienic regime in therapeutic dental offices (departments). Based on: textbook / Nikolaev A.I.; Publisher: MEDpress-inform, 2010	1	1
4	Dentistry of the XXI century: topical aspects: a collection of scientific papers with international participation, dedicated to the 20th anniversary of the departments of therapeutic and orthopedic dentistry / Lukinykh L.M.; Ed. Nizhny State Medical Academy, 2012	2	6
5	Methodological developments for industrial practice in therapeutic dentistry / Uspenskaya O. A.; Ed. Nizhny State Medical Academy, 2016	6	5

11.2. List of additional literature*:

№	Name according to bibliographic requirements	Number of copies	
		at the department	in library
1	Apical periodontitis: textbook / Lukinykh L. M.; Ed. Nizhny State Medical Academy, 2010	1	54
2	Mistakes in endodontic treatment and ways to prevent them: a teaching aid / Murzova T.V.; Publisher: NizhGMA, 2010	1	35
3	Therapeutic dentistry: a textbook for students. honey. Universities / Borovsky E.V.; Publisher: Medical Information Agency, 2011	1	54
4	Features of the provision of dental therapeutic care to elderly patients: Ph.D. dis. ... cand. honey. Sciences: 14.01.14; 01/14/11/ Orlova V. L., 2012	1	1
5	Physiotherapy in the practice of therapeutic dentistry: teaching aid / Lukinykh L. M.; Publishing house of Nizhny State Medical Academy, 2012	1	53
6	Restoration of teeth with light-curing composite materials: a practical guide for dentists - therapists	1	30

	Author: Makeeva I. M.; Publisher: MEDpress-inform, 2013		
7	Scientific substantiation of the differentiation of preventive programs for the provision of therapeutic dentistry: abstract of the thesis. dis. ... cand. honey. Sciences: 14.01.14 / Emelina G.V., 2012	1	1
8	Dentistry. Recording and maintaining a medical history: a guide / Afanasiev V.V.; Publisher: GEOTAR-Media, 2013	1	50
9	Guidelines for work practice in therapeutic dentistry "Doctor's assistant / Lukinykh L. M.; Ed.: NGMA, 2010	1	65
10	Treatment of periodontal diseases: textbook / Zhulev E. N.; Publisher: NizhGMA, 2016	1	1

11.3. List of guidelines for independent work of students:

№	Name according to bibliographic requirements	Number of copies	
		at the department	in library
1.	Guidelines for conducting work practice "Assistant Nurse of the Dental Department" / L.N. Kazarina, L.V. Vdovina, L.M. Lukinykh, E.V. Kitaev. - Nizhny Novgorod: Publishing house of NizhGMA, 2010.- 40 p.	1	1
2	Guidelines for work practice in therapeutic dentistry "Assistant to the dentist therapist" / L.M. Lukinykh, S.M. Tolmacheva, L.I. Egorova, E.V. Kitaev. - Nizhny Novgorod: Publishing house of NizhGMA, 2011.- 44 p.	1	1
3.	The scheme of examination and writing a medical record of a dental patient (guidelines) / Kondyurova E.V., Uspenskaya O.A. // Saransk: Publishing House Mordovs. un-ta, 2015. - 72 p.	1	1
4.	Obturation of the root canal system / ed. L.M. Lukinykh. - Nizhny Novgorod: Publishing house of NizhGMA, 2015.- 60s.	1	1
5.	Irrigation of the root canal system / ed. L.M. Lukinykh. , 2nd edition - Nizhny Novgorod: NizhGMA Publishing House, 2015.- 36p.	1	1
6.	Apical periodontitis / Lukinykh L.M., Egorova L.I., Tiunova N.V., Zhdanova M.L. // Tutorial. Publishing house NGMA. Nizhny Novgorod, 2016. - 174p.	1	1

7	Treatment of periodontal diseases. / E.N. Zhulev, N.V. Kruglova, A.V. Kochubeinik. // Nizhny Novgorod, 2016. ISBN 978-5-7032-1077-2. - 162 p.	1	1
8	The scheme of examination and writing a medical record of a dental patient (guidelines) / Kondyurova E.V., Uspenskaya O.A. // Saransk: Publishing House Mordovskaya, 2015. - 72 p.	1	1
9	Reading radiographs of teeth and jaws in various age periods in normal and pathological conditions (textbook) / O.A. Uspenskaya, L.M. Lukinykh // Textbook. 7th edition. Publishing house NGMA. Nizhny Novgorod, 2015. - 44 pages.	1	1
10	Halitosis. (textbook.) / O.A. Uspenskaya, N.V. Tiunova // Nizhny Novgorod, publishing house of NizhGMA, 2016.- 72p.il.	1	1

11.4. Electronic educational resources used in the process of teaching the discipline:

11.4.1. Internal Electronic Library System of the University (VEBS)

<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>	<i>Number of users</i>
Internal Electronic Library System (VEBS) PIMU	Proceedings of PIMU staff (textbooks, manuals, collections of tasks, methodological manuals, laboratory work, monographs, etc.)	Access by individual login and password from any computer and mobile device	Not limited

11.4.2. Electronic educational resources purchased by the university*

<i>№</i>	<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>	<i>Number of users</i>
1.	Database "Medicine. Healthcare (VO) and "Medicine. Healthcare (SPO)" as part of the database "Electronic library of a technical university (ELS "Student Consultant"	Textbooks and teaching aids for higher medical and pharmaceutical education.	Access by individual login and password from any computer and mobile device	Not limited
2.	Database "Doctor's Consultant. Electronic Medical Library»	National guidelines, clinical guidelines, textbooks, monographs,	Access by individual login and password from any	Not limited

		atlases, reference books, etc.	computer and mobile device	
3.	Database "Electronic Library System "Bukap"	Educational and scientific medical literature of Russian publishing houses, incl. translated editions. The collection of subscription publications is formed point by point.	Access by individual login and password from any computer and mobile device From university computers - access is automatic.	Not limited
4.	Electronic periodicals in the database "SCIENTIFIC ELECTRONIC LIBRARY ELIBRARY"	Electronic medical magazines	Access - from the computers of the university.	Not limited

11.4.3 Open access resources

<i>№</i>	<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>
1	Federal Electronic Medical Library (FEMB)	Includes electronic analogues of printed publications and original electronic publications that have no analogues recorded on other media (dissertations, abstracts, books, magazines, etc.). [Electronic resource] - Access mode: http://neb.rf/	from any computer on the Internet
2	Scientific electronic library ELIBRARY.RU	The largest Russian information portal in the field of science, technology, medicine and education, containing abstracts and full texts of scientific articles and publications. [Electronic resource] - Access mode: https://elibrary.ru/	from any computer on the Internet.
3	Scientific electronic library of open access CyberLeninka	Full texts of scientific articles with annotations published in scientific journals in Russia and neighboring countries. [Electronic resource] - Access mode: https://cyberleninka.ru/	from any computer on the Internet.
4	Russian State Library (RSL)	Abstracts for which there are copyright agreements with permission for their open publication [Electronic resource] - Access mode: http://www.rsl.ru/	from any computer on the Internet.
5	Reference and legal system "Consultant Plus"	Federal and regional legislation, judicial practice, financial advice, legislative comments, etc. [Electronic resource] - Access mode: http://www.consultant.ru/	from any computer on the Internet.

12. Logistics support of the practice:

12.1. List of organizations* used in the practice:

1. Structural divisions of educational organizations engaged in medical activities - Dental Polyclinic FGBOU VO "PIMU" of Russia;
2. GBUZ NO Regional dental clinic Nizhny Novgorod branch No. 1, Nizhny Novgorod, Volodarsky street, 56
3. GBUZ NO Regional dental clinic Prioksky branch, Nizhny Novgorod, Tereshkova st., 5a
4. GBUZ NO Regional dental clinic Soviet branch, Nizhny Novgorod, st. Lomonosov, 13
5. GBUZ NO Regional dental clinic Moscow branch, Nizhny Novgorod, st. Guards, 11
6. GBUZ NO Regional dental clinic Avtozavodsky branch No. 1, Nizhny Novgorod, Kirov Ave., 10
7. GBUZ NO Regional dental clinic Kanavinsky branch, Nizhny Novgorod, st. July Days, 20b
8. GBUZ NO Regional dental clinic Sormovsky branch No. 1, Nizhny Novgorod, st. Efremova, 4
9. GBUZ NO Regional dental clinic Leninsky branch, Nizhny Novgorod, Zarechny boulevard, 3
10. GBUZ NO Regional dental clinic Kstovsky branch Nizhny Novgorod region, Kstovo, 2nd microdistrict, 10
11. OOO TsRS Sadko, Nizhny Novgorod, st. Belinsky, 71/1
12. OOO Doctor Dent, Nizhny Novgorod, Kazanskoe shosse, 10 bldg. four
13. OOO NO clinic Sadko Pechersky fil N.Novgorod N. Novgorod, st. Rodionova 199
14. OOO Stomakom NN Nizhny Novgorod, Per. Tram 2 N. Novgorod, st. Studentskaya 4 N. Novgorod, st. B. Pokrovskaya 16 A N. Novgorod, st. Studenaya 48
15. OOO Clinic ArtDent N. Novgorod, st. Smirnova 15 Nizhny Novgorod, st. Southern Highway 37 Nizhny Novgorod, microdistrict Shcherbinki-1 19
16. LLC Dent West NN Nizhny Novgorod, st. Nikita Rybakova, 1
17. OOO Alfa-Dent NN Russia, Khabarovsk Territory, Komsomolsk-on-Amur, pr. Pervostroyteley, 18 Russia Khabarovsk Territory Komsomolsk-on-Amur, st. Lesnaya 2

12.2. List of equipment used during the practice:

1. Dental offices equipped with the necessary equipment and equipment
2. X-ray room
3. Sterilization
4. Dental unit (Azimuth, Galant, DabiAtlant, Performer-Idek, Castellini), assistant's chair, dentist's chair, dentist's table
5. Dental equipment (dry oven, autoclave, bactericidal lamp, sterilization bars, negatoscope, digitest, diathermocoagulator, hydro massager, IGNU, tonometer, phonendoscope, apex locator, MiniPiezon, Assistina)
6. Dental instruments (tweezers, probes, mirrors, excavators, trowels, pluggers, matrices, tips, burs, polishers, rubber bands and brushes in stock, endodontic instruments in stock, etc.).
7. Dental filling materials for filling root canals and carious cavities
8. Teaching models (teeth with carious cavities of 1-6 Black classes, phantom jaws and toothbrushes for rational oral hygiene, artificial and natural human teeth, phantom for endodontic manipulations)

9. Software (distance education, tests, website of the department, electronic library, clinical situational tasks, plans for lectures and practical classes, a list of student's practical skills and abilities, questions for exams, etc.)

9.3. A set of licensed and freely distributed software, including domestic production

Item no.	Software	number of licenses	Type of software	Manufacturer	Number in the unified register of Russian software	Contract No. and date
1	Wtware	100	Thin Client Operating System	Kovalev Andrey Alexandrovich	1960	2471/05-18 from 28.05.2018
2	MyOffice is Standard. A corporate user license for educational organizations, with no expiration date, with the right to receive updates for 1 year.	220	Office Application	LLC "NEW CLOUD TECHNOLOGIES"	283	without limitation, with the right to receive updates for 1 year.
3	LibreOffice		Office Application	The Document Foundation	Freely distributed software	
4	Windows 10 Education	700	Operating systems	Microsoft	Azure Dev Tools for Teaching Subscription	
5	Yandex. Browser		Browser	«Yandex»	3722	
6	Subscription to MS Office Pro for 170 PCs for FGBOU VO "PIMU" of the Ministry of Health of Russia	170	Office Application	Microsoft		23618/HN10030 LLC "Softline Trade" from 04.12.2020

10. List of changes to the working program (to be filled out by the template)

Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation
(FSBEI HE "PRMU" of the Ministry of Health of Russia)

Department of
THERAPEUTIC DENTISTRY

CHANGE REGISTRATION SHEET

working program for the academic discipline
DENTIST'S ASSISTANT (THERAPIST)

Field of study / specialty / scientific specialty: _____
(code, name)

Training profile: _____
(name) - for master's degree programs

Mode of study: _____
full-time/mixed attendance mode/extramural

Position	Number and name of the program section	Contents of the changes made	Effective date of the changes	Contributor's signature
1				

Approved at the department meeting
Protocol No. _____ of _____ 20__

Head of the Department

department name, academic title

signature

print name