

**MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS**  
Educational institution  
**BELARUSIAN STATE MEDICAL UNIVERSITY**

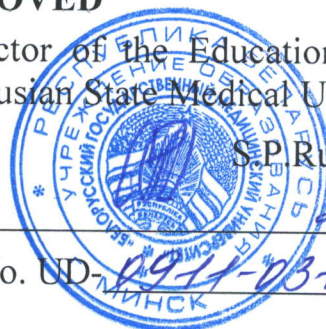
**Контрольный  
экземпляр**

**APPROVED**

by Rector of the Educational Institution  
«Belarusian State Medical University»

S.P. Rubnikovich

Reg. No. UD-0911-03-02/2425 p.



**PROGRAM  
ON WORK EXPERIENCE PRACTICE**

**«NURSING PRACTICE»**

for the specialty  
**7-07-0911-03 «Dentistry»**

**COMPILERS:**

O.S. Savostsikava, Associate Professor of the Department of Propaedeutics in Dentistry and Materials Science of the Educational Institution "Belarusian State Medical University", Candidate of Medical Sciences; assistant professor;

G.G. Sakhar, Senior Lecturer of the Department of Propaedeutics in Dentistry and Materials Science of the Educational Institution "Belarusian State Medical University"

V.V. Lazerko, Assistant of the Department of Propaedeutics in Dentistry and Materials Science of the Educational Institution "Belarusian State Medical University"

**RECOMMENDED FOR APPROVAL:**

Department of Propaedeutics in Dentistry and Materials Science of the Educational Institution "Belarusian State Medical University"  
(Protocol No 13 From 21.05.2025);

by the Council of the Faculty of Dentistry of the Educational Institution "Belarusian State Medical University"  
(Protocol No 9 From 23.05.2025)

## EXPLANATORY NOTE

Practical training of students is aimed at consolidating professional skills and abilities in the specialty, gaining practical experience, developing professional thinking, testing the capabilities of a future specialist to independently perform professional functions.

The internship program is developed in accordance with:

the educational standard of higher education in the specialty 7-07-0911-03 "Dentistry", approved and put into effect by the Decree of the Ministry of Education of the Republic of Belarus and the Ministry of Health of the Republic of Belarus dated 01.09.2023 No 302/127;

the curriculum of the educational institution in the specialty "Dentistry", approved on 04/30/2024, registration No 7-07-0911-03/2425.

The organization and procedure for conducting practical training are established on the basis of the Resolution of the Council of Ministers of the Republic of Belarus dated 03.06.2010 No 860 "On Approval of the Regulation on the Practice of Students, Cadets, Listeners", the Resolution of the Ministry of Health of the Republic of Belarus dated 16.12.2022 No119 "On the Practice of Students Studying in the Field of Education "Healthcare", the Order of the Rector of the University dated 25.03.2024 No322 "On Approval of the Regulation on the Practice of Students (Cadets)" (hereinafter referred to as the Regulations on the practice of students (cadets)).

**The purpose** of the practical training practice "Nursing" is to consolidate and deepen the knowledge gained in the process of theoretical training, to master practical skills by students, to form the necessary skills and competencies for subsequent independent professional activity.

**Objectives** of practical training practice:

acquisition by students of professional skills in the specialty, consolidation, expansion and systematization of knowledge gained during the study of the academic discipline "Propaedeutics in Dentistry";

gaining experience in social, organizational and educational work in the health care system.

In total, 108 academic hours are allocated for the practical training practice "Nursing" within 2 weeks after the end of the 4th semester.

Of these, 72 hours of classroom classes, 36 hours of independent theoretical training of the student.

Intermediate certification is carried out in the form of a differentiated test at the end of the internship.

## REQUIREMENTS FOR THE DEVELOPMENT OF INDUSTRIAL PRACTICE

Upon completion of the "Nursing" internship, the student should **know**:  
 basic concepts of the Law of the Republic of Belarus "About Health Care";  
 regulatory legal acts of the Ministry of Health of the Republic of Belarus, orders, instructions regulating the sanitary and anti-epidemic mode of work in dental health care organizations;

the role and tasks of a nurse in providing dental care to the population;  
 rules for drawing up medical documents in the work of a dental office;



asepsis and antiseptics in the provision of dental care;  
 types of sterilization of medical instruments;  
 conditions of safe work and medical prevention of infection with the hepatitis virus, human immunodeficiency virus (HIV) at the dental appointment;  
 equipment and technical bases for the operation of medical equipment of the dental office;

**be able to:**

to organize measures to ensure the sanitary and anti-epidemic regime and safe working conditions at the dental reception;  
 register, draw up medical documentation at a dental appointment;  
 carry out pre-sterilization treatment and sterilization of dental medical instruments;  
 evaluate the effectiveness of pre-sterilization treatment and sterilization of dental medical instruments;  
 prepare and carry out sterilization of dressings;  
 prepare dental materials for use;

**possess:**

methods of preparation and sterilization of dressings;  
 the technique of preparing for the use of dental materials.

The fulfillment of credit standards by the student guarantees the acquisition of practical training of the required level.

#### **GENERAL ISSUES OF ORGANIZATION AND QUALITY CONTROL OF THE IMPLEMENTATION OF THE INTERNSHIP PROGRAM**

Practical training of students is carried out in dental health care organizations approved by the order of the Ministry of Health of the Republic of Belarus as bases for industrial internships (next referred to as *the practice base*).

The general management and organization of students' practice is carried out by the head of the internship from the university.

The general management and organization of practice at the Faculty of Dentistry is carried out by the head of the practice from the faculty.

Direct supervision of the internship is carried out by the head of the internship from the Department of Propaedeutics in Dentistry and Materials Science of the University.

The general management and organization of practical training for students on the basis of practice is carried out by the head of the practice base.

Direct supervision of students' internship on the basis of practice is carried out by an employee of the practice base (next referred to as *the head of the internship from the organization*).

A student is allowed to practice if he has a certificate of health. During the internship, students are required to undergo briefings provided for by law, comply with the legislation on labor protection, the internal labor regulations of the practice base, the rules and norms of medical ethics and deontology, the requirements for safe work at the workplace, follow the orders of the head of the practice base and the head of the practice from the organization.



During the period of practical training, students are subject to the legislation on labor protection, internal labor regulations, and the practice base.

During the internship, students perform certain labor functions of a dental nurse provided for by the job duties of the qualification characteristics of the relevant position of an employee contained in the Unified Qualification Directory of Positions of Employees.

In accordance with the Regulations on the practice of students, upon completion of the internship, a differentiated credit is given to the head of the practice from the Department of Propaedeutics in Dentistry and Materials Science of the University.

A student is allowed to take a differentiated test in practical training if:

fulfillment of all requirements for internship;

availability of an internship diary;

report on the implementation of the internship program;

a written review of the student's internship;

Differentiated credit for industrial practice includes:

passing practical skills in the form of an objective structured clinical examination (OSCE). The SCE contains a demonstration of practical skills mastered by the student using simulation technologies of training on the simulation equipment of the Simulation and Certification Center of Higher Education. The SCE is carried out according to the developed passports of the examination stations, **Appendix 4**;

verification of the report on the implementation of the internship program.

When assigning a grade, the average score for all days of practice is taken into account. When evaluating the student's work, his knowledge, skills, completeness and quality of the internship program, discipline, participation in preventive measures to form a healthy lifestyle, responsibility for his health and upbringing are taken into account.

A representative of the practice base may be involved in the adoption of a differentiated credit as an expert.

The internship grade is taken into account when summing up the results of the intermediate certification of students in the semester.

### **FORMS OF CONTROL OF INDUSTRIAL PRACTICE**

The head of the internship from the department conducts a daily interview with students, at which all issues that have arisen during the work are discussed, theoretical knowledge and the correctness of practical skills are assessed.

During the period of practical training, students can be involved in the provision of dental care to patients, assisting the dentist in carrying out medical manipulations under the supervision of medical workers responsible for their training.

The head of the internship from the department controls the correctness of the implementation of practical skills, the registration of accounting and reporting documentation for the internship.

The results of passing the differentiated test and the OSCE in practice are recorded in the electronic journal of students' progress.



## CONTENT OF THE INTERNSHIP

- Organization of the dentist's workplace.
- Registration and completion of primary documentation of a dental patient.
- Ensuring sanitary and epidemiological well-being during the reception of patients.
- Pre-sterilization treatment and sterilization of dental instruments.
- Preparation of dressings for sterilization. Sterilization of dressing material.
- Features of sterilization.
- Processing of handpieces, carpule syringe, dental rotating instruments, endodontic instruments. Disinfection of impressions
- Preparation of materials for performing dental manipulations for various purposes: impression materials, plaster models by impressions, fixing materials for temporary and permanent fixation of orthopedic structures, materials for root fillings (temporary and permanent), therapeutic and insulating cushioning materials, materials for temporary and permanent filling of carious cavities.
- Training in individual oral hygiene.
- Carrying out sanitary and educational work to preserve oral health, general somatic health, and promote a healthy lifestyle.

### INFORMATIONAL AND METHODOLOGICAL PART

#### THEMATIC CALENDAR PLAN OF THE INTERNSHIP

Name of works	Number of hours
Practicing practical skills in the therapeutic department / office (organizing the workplace of a dentist, filling out an outpatient card, examining patients, filling out a temporary disability certificate, training in individual oral hygiene, compliance with the rules of asepsis and antiseptics, preparation of materials for filling root canals / permanent fillings, etc.)	21,6
Practicing practical skills in the orthopedic department / office (organization of the dentist's workplace, filling out the outpatient card, examination of patients, compliance with the rules of asepsis and antiseptics, preparation of materials for temporary fixation of fixed structures, production of plaster models from impressions, etc.)	14,4
Development of practical skills in the centralized sterilization department (preparation of dressings for sterilization, sterilization of dressings, pre-sterilization treatment of dental instrument sets, dry heat sterilization, processing of dental instruments, etc.)	14,4
Practicing practical skills in the surgical room (organization of the dentist's workplace, filling out the outpatient card, examining patients, compliance with the rules of asepsis and antiseptics, etc.)	7,2
Development of practical skills in a dental laboratory (production of plaster models of teeth and jaws, selection and manufacture of various types of dentures (removable, fixed, etc.), processing of finished dentures, their polishing, fitting and fixation, etc.)	14,4
Total:	72



**LIST OF PRACTICAL SKILLS CONSOLIDATED DURING PRACTICAL TRAINING,  
INCLUDING THE USE OF SIMULATION TECHNOLOGIES**

Levels of mastering practical skills:

1 – know theoretically, professionally navigate, know the indications for conducting;

2 – know theoretically, evaluate, take part in the work of medical personnel;

3 – know theoretically, to do it independently.

A practical skill can be assigned several levels (for example: 1, 2, 3 or 1, 2). If the health care organization does not have the conditions for mastering a skill at levels 2 (3), the student must master practical skills according to level 1.

№	Practical skills	Recommended	
		Quantity	Level of mastery
1.	Organization of the dentist's workplace	10	3
2.	Preparation of dressings for sterilization	10	2
3.	Sterilization of dressing material	10	2
4.	Pre-sterilization treatment of dental instrument sets	10	3
5.	Evaluation of the effectiveness of pre-sterilization treatment (azopyram test)	10	2
6.	Dry heat sterilization	10	2
7.	Tip Machining	10	3
8.	Carpule syringe processing	10	3
9.	Registration of medical documentation (form No 037/y-10)	20	2
10.	Participation in filling the patient card	20	2
11.	Participation in filling a temporary disability certificate	3	1
12.	Participation in the examination of patients	20	2
13.	Preparation of alginate hydrocolloids	5	2
14.	Preparation of anhydrous elastomers	3	2
15.	Preparation of solid crystal materials (gypsum, zinc oxide eugenol)	3	2
16.	Preparation of materials for temporary fixation of fixed structures	5	2
17.	Preparation and production of plaster models from impressions	5	2
18.	Preparation of materials for temporary filling of carious cavities	5	2
19.	Preparation of materials for medical pads	10	2
20.	Preparation of materials for insulating liners (GIC)	10	2
21.	Preparation of materials for insulating liners (ZPC)	10	2
22.	Preparation of materials for filling root canals	10	2
23.	Preparation of materials for permanent fillings (GIC)	10	2

24.	Preparation of composite materials	10	2
25.	Sanitary and educational conversation (individual)	10	2
26.	Training in Individual Oral Hygiene	10	3

**LIST OF PASSPORTS (EXEMPLARY) OF THE EXAMINATION STATIONS OF THE  
OBJECTIVE STRUCTURED CLINICAL EXAM USED FOR THE CERTIFICATION OF  
STUDENTS**

Passport (exemplary) of the examination station "Assessment of the effectiveness of pre-sterilization decontamination of dental instruments - azopyram test" of the objective structured clinical examination (OSCE).

**TOPICS AND FORMS  
OF HYGIENIC EDUCATION AND EDUCATION**

During the practical training of nursing, the student must carry out sanitary and educational work among patients (individual and group conversations, preparation of sanitary bulletins, brochures, booklets, didactic material).

**Sample topics for individual sanitary and educational conversations:**

1. A beautiful smile is the key to success.
2. Individual oral hygiene. Methods and means.
3. The standard method of brushing teeth.
4. Toothbrushes and toothpastes are the main means of oral hygiene.
5. Additional oral hygiene products.

**Sample topics for the preparation of sanitary bulletins**

1. A healthy lifestyle is the key to general somatic health.
2. The effect of alcohol on health.
3. Watch out! Drugs and drug addiction.
4. Danger and prevention of HIV infection.
5. Modern methods of asepsis and antiseptics in dentistry.

**REQUIREMENTS FOR THE CONTENT AND DESIGN OF  
REPORTING DOCUMENTATION**

During the internship, the student, under the supervision of the internship supervisor from the organization, performs the internship program and reflects the progress of its implementation in the internship diary in accordance with **Appendix 1**.

The title page of the diary is signed by the head of the internship from the organization, the head of the internship from the department of the university.

The diary is a document that records the implementation of the internship program. In the diary, the student notes the learned practical skills every day.

The diary is signed by the head of the internship from the organization and the student. Corrections, additions after the endorsement of the records by the head of the internship from the organization are not allowed.

During the last week of the internship, the student draws up a written report on the implementation of the internship program. In the report, the student notes the



acquired practical skills, their number and level of mastery according to **Appendix 2**. The report must be signed by the student and the head of the internship from the organization, approved by the head (deputy head) of the practice base and certified by a seal.

At the end of the internship, the internship supervisor from the organization draws up a written review of the student's internship in accordance with **Appendix 3**.

A written review of the student's internship is signed by the internship supervisor from the organization.

At the end of the internship, the student submits reporting documentation, as well as other materials provided for by the internship program, to the head of the internship from the department.

The registration of the internship diary, the report on the implementation of the internship program and other reporting documents of the student is carried out on paper in A4 format using the MS Word application.

At the end of the internship, the student submits the accounting and reporting documentation provided for by the internship program to the head of the internship from the department.

Reporting documentation is stored at the university in the manner determined by the legislation in the field of archiving and records management.

#### **SAMPLE LIST OF QUESTIONS TO PREPARE FOR THE DIFFERENTIATED TEST**

1. Aseptics and antiseptics in dentistry.
2. Disinfection of dental instruments, methods
3. Chemical method of disinfection.
4. Pre-sterilization treatment of dental instruments. Azopyram test.
5. The purpose of sterilization of medical devices in dentistry.
6. Types of sterilization.
7. Determination of sterilization efficiency.
8. Steam sterilization method.
9. Air sterilization.
10. Sterilization with chemical solutions.
11. Glasperlene sterilizers.
12. Gas sterilization method.
13. Treatment of dental mirrors.
14. Handpiece processing.
15. Carpule syringe processing.
16. Sterilization of small dental instruments.
17. List the methods of quality control of sterilization.
18. Chemical method of sterilization quality control.
19. Physical method of sterilization quality control.
20. Biological method of sterilization quality control.
21. Operation and maintenance of dental units.

**MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS**

Educational institution

**"BELARUSIAN STATE MEDICAL UNIVERSITY"**

Practice base

NAME OF THE HEALTHCARE ORGANIZATION

**D I A R Y**

work experience practical training in nursing practice

Student

Specialty

Department

Course, study group No

Terms of internship

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Head of Practice

from the organization

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*(name of organization)*

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*(signature)*

Full name

Head of Practice

from the Department of

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*(name of the department)*

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*(signature)*

Full name



Day 1. Date \_\_\_\_\_ Time \_\_\_\_\_

	Content of the work performed	Quantity per day	Level Development
	<b>Sanitary and anti-epidemic</b>		
1.	Organization of the dentist's workplace		
2.	Preparation of dressings for sterilization		
3.	Sterilization of dressing material		
4.	Pre-sterilization treatment of dental instrument sets		
5.	Evaluation of the effectiveness of pre-sterilization treatment (azopyram test)		
6.	Dry heat sterilization		
7.	Handpiece processing		
8.	Carpule syringe processing		
	<b>Participation in treatment and diagnostic measures</b>		
9.	Registration of medical documentation (form No 037/y-10)		
10.	Participation in filling patient card		
11.	Participation in filling a temporary disability certificate		
12.	Participation in the examination of patients		
13.	Preparation of alginate hydrocolloids		
14.	Preparation of anhydrous elastomers		
15.	Preparation of solid crystal materials (gypsum, zinc oxide eugenol)		
16.	Preparation of materials for temporary fixation of fixed structures		
17.	Production of plaster models from impressions		
18.	Preparation of materials for temporary filling of carious cavities		
19.	Preparation of materials for medical pads		
20.	Preparation of materials for insulating liners (zinc phosphate cements)		
21.	Preparation of materials for insulating liners (glass ionomers)		
22.	Preparation of materials for filling root canals		
23.	Preparation of materials for permanent fillings from glass ionomer cements		
24.	Preparation of composite materials		
	<b>Preventive work</b>		
25.	Sanitary and educational conversation (individual)		
26.	Personal Oral Hygiene Training		

**Outwork:**

Work performed by the student that is not included in the list of practical skills of the internship program, instructions from the supervisor on the basis of the internship.

Student \_\_\_\_\_ Full name  
(signature)

Head of Practice  
from the organization \_\_\_\_\_  
(name of organization)

\_\_\_\_\_ Full name  
(signature)



**MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS**

Educational institution

**"BELARUSIAN STATE MEDICAL UNIVERSITY"**

Practice base

NAME OF THE HEALTHCARE ORGANIZATION

APPROVE

Head of the Practice Base / Chief  
Physician\_\_\_\_\_  
\_\_\_\_\_ 20\_\_\_\_ Full name

S.

**R E P O R T**

on the implementation of the program for production practice in "Nursing"

Student

Specialty

Department

Course, study group No

Terms of internship

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№	Practical skills	Recomm ended		Mastered	
		Quantity	level Develon	Quantity (total)	level Develon
1.	Organization of the dentist's workplace	10	3		
2.	Preparation of dressings for sterilization	10	3		
3.	Sterilization of dressing material	10	2		
4.	Pre-sterilization treatment of dental instrument sets	20	3		
5.	Dry heat sterilization	10	2		
6.	Evaluation of the effectiveness of pre-sterilization treatment (azopyram test)	10	2		
7.	Handpiece processing	10	3		
8.	Carpule syringe processing	10	3		

9.	Registration of medical documentation (form No 037/y-10)	20	2		
10.	Participation in filling out the outpatient card	20	2		
11.	Participation in filling out a temporary disability certificate	3	1		
12.	Participation in the examination of patients	20	2		
13.	Preparation of alginate hydrocolloids	5	2		
14.	Preparation of anhydrous elastomers	3	2		
15.	Preparation of solid crystal materials (gypsum, zinc oxide eugenol)	3	2		
16.	Preparation of materials for temporary fixation of fixed structures	5	2		
17.	Production of plaster models from impressions	5	2		
18.	Preparation of materials for temporary filling of carious cavities	5	2		
19.	Preparation of materials for medical pads	10	2		
20.	Preparation of materials for insulating liners (zinc phosphate cements)	10	2		
21.	Preparation of materials for insulating liners (glass ionomer cements)	10	2		
22.	Preparation of materials for filling root canals	10	2		
23.	Preparation of materials for permanent fillings (glass ionomer cements)	10	2		
24.	Preparation of composite materials for permanent fillings	10	2		
25.	Sanitary and educational conversation (individual)	10	2		
26.	Personal Oral Hygiene Training	10	2		

Student \_\_\_\_\_ Full name  
(signature)

Head of Practice  
from the organization \_\_\_\_\_  
(name of organization)

\_\_\_\_\_ Full name  
(signature)



**MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS**

Educational institution

**"BELARUSIAN STATE MEDICAL UNIVERSITY"**

Practice base

NAME OF THE HEALTHCARE ORGANIZATION

**REVIEW**

on the practical training "Nursing "

Student \_\_\_\_\_  
(surname, name, patronymic)

The review reflects the business qualities of the student-intern, the ability to acquire professional skills, indicates the presence and results of the development of personal qualities necessary for the profession, gives a general assessment of the results of the internship program and the level of practical training achieved. Relationships with the team, knowledge and compliance with the norms of medical ethics and deontology are characterized. In conclusion, recommendations are given for the admission of a student to differentiated credit for industrial practice, proposals to the university to improve the quality of theoretical training preceding the student's assignment to practice.

Head of Practice  
from the organization \_\_\_\_\_ Full Name  
(name of organization) (signature)

\_\_\_\_\_ 20 \_\_\_\_

With feedback on the passage  
Practice Familiarized \_\_\_\_\_ Full name  
(signature)

\_\_\_\_\_ 20 \_\_\_\_

**EVALUATION SHEET (checklist) for the exam station**  
**"Quality Assurance of Pre-Sterilization Processing (PSP) of Dental Instruments –**  
**Azopyram Test"**  
**of the Objective Structured Clinical Examination (OSCE)**  
**on Practical training practice "Nursing"**

Name of the student \_\_\_\_\_

Faculty \_\_\_\_\_ group \_\_\_\_\_ date \_\_\_\_\_

№	Action	Mark in points Completed – 1 Failed - 0
	Accuracy of the selection of tools for PSP quality control	
1	Number of instruments to examine	
2	High-quality selection of tools	
3	Temperature regime	
	Assessment of the quality of the prepared solution:	
4	Testing the Azopyram for Suitability	
5	Correct dosage of remedies	
6	Correct mixing	
	Assessment of the technique	
7	Applying the solution to the tool	
8	Compliance with the reaction time	
	PSP Quality Assessment	
9	Estimating the time of appearance of coloring	
10	Interpreting the presence or absence of coloring	
	Total points:	
	Mark on a 10-point scale in numbers and words	

Members of the Commission:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Transfer scale**

Sum of points	Mark on a 10-point scale	Sum of points	Mark on a 10-point scale
10	10 (ten)	5	5 (five)
9	9 (nine)	4	4 (four)
8	8 (eight)	2-3	3 (three)
7	7 (seven)	1	2 (two)
6	6 (six)	0	1 (one)



**Defect Card for Examination Station "Quality Control of Pre-Sterilization Processing (PSP) of Dental Instruments – Azopiram Test" of the Objective Structured Clinical Examination**

Name of the student \_\_\_\_\_

Faculty \_\_\_\_\_ group \_\_\_\_\_ date \_\_\_\_\_

№	List of unregulated and unsafe actions that are not in the evaluation sheet (checklist)	Date	Examiner's signature
	List of additional actions of clinical significance that are not noted in the scorecard (checklist)	Date	Examiner's signature

Recommendations for the organization of the OSCE station during the next exam

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\_\_\_\_\_  
(full name of the examiner)

\_\_\_\_\_  
(signature)

## COMPILERS:


Associate Professor of the Department of  
Propaedeutics in Dentistry and Materials  
Science of the Educational Institution  
"Belarusian State Medical University",  
Candidate of Medical Sciences, Associate  
Professor

 O.S. Savostsikava

Senior Lecturer of the Department of  
Propaedeutics in Dentistry and Materials  
Science of the Educational Institution  
"Belarusian State Medical University"

 G.G. Sakhar

Assistant of the Department of  
Propaedeutics in Dentistry and Materials  
Science of the Educational Institution  
"Belarusian State Medical University"

 V.V. Lazerko

The design of the internship program and accompanying documents meets the  
established requirements.


Head of Practice of the Educational  
Institution "Belarusian State Medical  
University"

23.05 2025

 N.A. Medved

Methodologist of the Educational and  
Methodological Department of the  
Department of Educational Activities of  
the Educational Institution "Belarusian  
State Medical University"

23.05 2025

 S.A. Yankovich