

**Ukraine Ministry of Health**  
**Kharkiv National Medical University**  
**Faculty of Dentistry**  
**Department of Pediatric Dentistry and Implantology**  
**Educational Program for Training Specialists of the Second (Master's)**  
**Level, Higher Education Training 22 "Healthcare"**  
**in Specialty 221 "Dentistry"**  
**SYLLABUS OF THE COURSE**

**NURSING PRACTICE IN DENTISTRY**

2<sup>nd</sup> course

Compulsory or elective educational component \_\_\_\_\_ compulsory \_\_\_\_\_

Mode of the educational component \_\_\_\_\_ off-line \_\_\_\_\_  
(off-line; mixed; on-line)

Field of knowledge \_\_\_\_\_ 22 "Healthcare" \_\_\_\_\_  
(code and name of the field of knowledge)

Specialty \_\_\_\_\_ 221 «Dentistry» \_\_\_\_\_  
(code and name of the specialty)

Educational and professional program \_\_\_\_\_ «Dentistry» \_\_\_\_\_


Of the second (master's) level of higher education

Course \_\_\_\_\_ second \_\_\_\_\_

The syllabus of the discipline was approved at the meeting of the Department of Pediatric Dentistry and Implantology

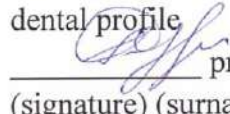
Protocol from "30" August 2021 year № 1

Head of Department

 \_\_\_\_\_ prof. Nazaryan RS  
(signature) (surname and initials)

"30" August 2021

Approved by the methodical commission of KhNMU on problems of professional training dental profile  
Protocol from "02" September 2021 year №4

Chairman of the methodical commission of KhNMU on problems of professional training dental profile  
 \_\_\_\_\_ prof. Ruzin GP  
(signature) (surname and initials)

"02" September 2021

**Kharkiv 2021.**

**Developers:** Nazaryan Rozana Stepanovna, Iskorostenska Olga Vladimirovna, Mis Victoria Alexandrovna.

**Викладачі:** Nazaryan R.S., Kuzina V.V., Yaroslavskaya Yu. Yu., Fomenko Yu.V., Mikulinska-Rudich Yu.M., Tishchenko O.V., Sukhostavets O.V., Lepilina K.M.

Teacher information:

Nazaryan R.S. - Doctor of Medical Sciences, Professor, Head Department of Pediatric Dentistry and Implantology, specialization: Pediatric Dentistry, Surgical Dentistry, Therapeutic Dentistry, Orthodontics.

Kuzina V.V. - Associate professor of Pediatric Dentistry and Implantology, specializing in pediatric dentistry.

Yaroslavskaya Yu. Yu. - Associate professor of Pediatric Dentistry and Implantology, specializing in Surgical Dentistry.

Fomenko Yu.V. - Associate professor of Pediatric Dentistry and Implantology, specializing in pediatric dentistry.

Mikulinska-Rudich Yu.M. - Assistant Professor of Pediatric Dentistry and Implantology, specializing in pediatric dentistry.

Tishchenko O.V. - Assistant Professor of Pediatric Dentistry and Implantology, specializing in pediatric dentistry.

Sukhostavets O.V. - Assistant Professor of Pediatric Dentistry and Implantology, specializing in pediatric dentistry.

Lepilina K.M. - Assistant Professor of Pediatric Dentistry and Implantology, specializing in Orthodontics..

**Contact E-mail of the department:** [kaf.st.dytiachoist@knu.edu.ua](mailto:kaf.st.dytiachoist@knu.edu.ua)

**Eye consultations:** schedule and venue according to the schedule of the department.

**Online consultations:** schedule and venue by prior arrangement with the teacher.

**Location:** classes are held in the UDC KhNMU

## Discipline information

### 1. Description of the discipline

"Nursing practice in pediatric dentistry" for students, 2nd year of the Faculty of Dentistry - ECTS credits - 0.25; number of hours: total - 23, of which: practical classes - 4 hours, independent work of students - 19 hours.

| Name of indicators   | Field of knowledge, direction of training, educational and qualification level | Characteristics of the discipline |                       |
|--|--|-----------------------------------|-----------------------|
|  |  | full-time education               | evening form of study |
| Number of credits – 0,25   | Training direction<br>22 "HEALTHCARE"<br>(code and name)                       | Normative                         |                       |
| The total number of hours is 23  | Specialty:<br>221 "Dentistry" - masters<br>(code and name)                     | Year of preparation:              |                       |
|  |  | 2nd                               | -                     |
|  |  | Semestr                           |                       |
|  |  | 4th                               | -                     |
| Hours for day (or evening) form of study:<br>classroom - 4<br>independent work of the student - 19 | Education level:<br>second   | Lectures                          |                       |
|  |  | 0 hour                            | -                     |
|  |  | Practical, seminar                |                       |
|  |  | 4 hours                           | -                     |
|  |  | Laboratory                        |                       |
|  |  | -                                 | -                     |
|  |  | Independent work                  |                       |
|  |  | 19 hours                          | -                     |
| Individual tasks: -  |  |                                   |                       |
| Type of control: diff. test  |  |                                   |                       |

Educational program of higher education of Ukraine, second (master's) level, educational qualification assigned - master's degree, field of knowledge - 22 Healthcare, specialty 221 "Dentistry" is based on the Law of Ukraine "On Higher Education" and the resolution of the Cabinet of Ministers of Ukraine 01.02.2017 № 53 "On amendments to the resolution of the Cabinet of Ministers of Ukraine dated 29.04.2015 № 266", in accordance with the order of the Ministry of Education and Science of Ukraine dated 01.06.2016 № 600 "On approval and implementation of Methodological recommendations for the development standards of higher education".

The course program determines the prerequisites for access to education, orientation and main focus of the program, the amount of ECTS credits required for a master's degree, a list of general and special (professional) competencies, normative and variable content of training, formulated in terms of learning outcomes and control requirements quality of higher education.

The department accepts qualified students of any race, national or ethnic origin, sex, age, people with special needs, any religion, sexual orientation, gender, veteran status or marital status for all rights, privileges, programs and activities, provided to university students.

Moodle discipline page:

<http://31.128.79.157:8083/course/view.php?id=2605>

## 2. The purpose and objectives of the discipline.

It consists in achieving the main ultimate goals defined in the educational and professional training program for the specialty 221 "Dentistry" - masters and is the basis for building the content of industrial practice. On the basis of the ultimate goals to the section the concrete purposes to divisions in the form of certain abilities (actions), the target tasks providing achievement of the final purpose of passing of industrial practice are formulated.

**3. Discipline status:** the main format of the discipline is mixed - a discipline that is accompanied by Moodle, teaching the discipline, combining traditional forms of classroom learning with elements of distance learning, which uses available interactive information technology (ZOOM, Moodle), face-to-face and distance counseling.

**4. Teaching methods.** Phantom, electronic-information (presentations, video-materials, methodical recommendations, lectures), scientific (participation in scientific developments on discipline), control (tests, situational tasks, estimation of practical skills, protection of a clinical case) are used for carrying out industrial practice.

## 5. Recommended literature.

1. Khomenko L.O. and sang. Therapeutic dentistry for children, Kyiv, Book Plus, 2001. - 524p.
2. Khomenko L.A., Bidenko N.V. Practical endodontics tools, materials and methods. - Kiev, Book Plus, 2002. - 216p.
3. Bidenko N.V. Glass ionomer materials and their application in dentistry, Kiev, Book Plus, 2003. - 144p
4. Danilevsky M.F., Grokholsky A.P., Politun A.M. Workshop on therapeutic dentistry (phantom course), Lviv "World", 1993. - 184p.
5. Magid E.A., Mukhin N.A. Phantom course of therapeutic dentistry. Atlas. - M.: Medicine, 1978. - 304p.
6. Borisenko A.V. Composite filling materials, Kiev, Kniga plus, 1998. - 74p.
7. Borovskiy V.V., Zhokhova N.S. Endodontic treatment (manual for doctors) Moscow, Dentistry, 1997. - 64p.
8. Lukinykh L.M. Dental caries (etiology, clinic, treatment, prevention). - Nizhny Novgorod, NGMA, 1999. -186p.

## 6. Prerequisites and co-requisites of the discipline

The discipline "Nursing practice in dentistry" is connected with the disciplines of anatomy and morphology, pathological anatomy, therapeutic dentistry.

## 7. Results of studying

As a result of studying the discipline "Nursing practice in dentistry" the student must be able to:

demonstrate mastery of moral and deontological principles of a medical specialist and the principles of professional subordination in dentistry;

apply basic principles, asepsis, antiseptics, anesthesia;

distinguish the features of the application of the principles of asepsis and antiseptics in the pediatric dentistry clinic;

acquisition and improvement of professional skills of a nurse of a dental clinic

## Зміст дисципліни

| №№  | The topic of practical classes   | Number hours |
|---|--|--------------|
| <b>Section 1. Nursing practice in dentistry</b> |  |              |
| 1.  | Organization of children's dental departments of different profiles. Sanitary and anti-epidemic regime in dentistry. The concept of asepsis and antiseptics. Disinfection. Pre-sterilization cleaning and sterilization. | 2            |

|    |  |   |
|----|--|---|
|    | Processing of dental instruments and equipment in the dental office.<br>Cleaning of the premises in the children's dental department.                          |   |
| 2. | Organization of physiotherapy room. Organization of physiotherapy room. Requirements for personal hygiene of medical staff of the pediatric dental department. | 2 |
|    | Total  | 4 |

**PLAN OF INDEPENDENT WORK OF STUDENTS IN STUDYING THE SECTION  
"NURSING PRACTICE IN DENTISTRY"**

| <b>N<sup>o</sup>/N<sup>o</sup>/</b>                          | <b>Content</b>  | <b>Number hours</b>     | <b>Type of control</b>       |
|--|---|-------------------------|------------------------------|
| <b>Subsection 1. Nursing practice in pediatric dentistry</b> |   | <b>19<br/>of which:</b> |                              |
| <b>1.</b>  | Preparation for practical classes   | <b>5</b>                | <b>Current control</b>       |
| <b>2.</b>  | Acquisition of practical skills given in terms of practical training of the student                 | <b>5</b>                | <b>Current control</b>       |
| <b>3.</b>  | Filling in the main reporting documentation - the Diary of industrial practice and the Final report | <b>5</b>                | <b>Current control</b>       |
| <b>4.</b>  | Preparation for the final control of knowledge and practical training of students                   | <b>4</b>                | <b>Differentiated credit</b> |
| <b>Total</b>   |   | <b>19</b>               |                              |

**Discipline policy and values.**

In order to successfully complete the relevant course, it is necessary to regularly attend practical classes; to have theoretical preparation for practical classes according to the subject; not to be late and not to miss classes; perform all necessary tasks and work in each lesson; be able to work with a partner or in a group; contact the curators of the course on various issues on the subject of classes and receive it when you need it.

Students can discuss different tasks, but their performance is strictly individual. You are not allowed to write off, use any kind of software, tips, use a mobile phone, tablet or other electronic gadgets during classes for purposes other than the learning process. Students are not allowed to be late for practical classes.

Visiting patients during the curation in the hospital is possible provided that the students have the appropriate form of clothing, a health book with a note about the timely medical examination.

Students with special needs can meet with the teacher or warn him before the start of classes, at the request of the student it can be done by the head of the group. If you have any questions, please contact the teacher.

Students' participation in research and conferences on this topic is encouraged.

All students of KhNMU are protected by the Regulations on Prevention, Prevention and Settlement of Cases Related to Sexual Harassment and Discrimination at Kharkiv National Medical University, which is designed to determine an effective mechanism for resolving conflict situations related to discrimination and sexual harassment. This Regulation is developed on the basis of the following normative legal acts of Ukraine: the Constitution of Ukraine; Law of Ukraine "On Education"; Law of Ukraine "On Higher Education"; Law of Ukraine "On Principles of Prevention and Counteraction of Discrimination in Ukraine"; Law of Ukraine "On Ensuring Equal Rights and Opportunities for Women and Men"; Convention for the Protection of Human Rights and Fundamental Freedoms; Convention for the Suppression of Discrimination in Education; Convention on the Elimination of All Forms of Discrimination against Women; General Recommendation № 25 to paragraph 1 of Article 4 of the Convention on the Elimination of All Forms of Discrimination against Women; Cultural Rights; UN Committee on Economic, Social and Cultural Rights); Recommendations on Education for International Understanding, Cooperation and Peace and Education for Human Rights and Fundamental Freedoms (UNESCO); Concept of the State Social Program for Equal Rights and Opportunities for Women and men for the period up to 2021. Kharkiv National Medical University provides education and work that is free from discrimination, sexual harassment, intimidation or exploitation. The University recognizes the importance of confidentiality. All persons responsible for the implementation of this policy (staff of deans, faculties, institutes and the Center for Gender Education, members of the student government and ethics committee, vice-rector for research and teaching) are confidential about those who report or accuse of discrimination. or sexual harassment (except where the law requires disclosure and / or when disclosure by the University is necessary to protect the safety of others).

KhNMU creates a space of equal opportunities free from discrimination of any national, racial or ethnic origin, sex, age, disability, religion, sexual orientation, gender, or marital status. All rights, privileges, programs and activities granted to students or staff of the University apply to all without exception, provided they are properly qualified. The anti-discrimination policy and the policy of counteracting sexual harassment of KhNMU are confirmed by the Code of Corporate Ethics and the Charter of KhNMU.

#### **Behavior in the audience**

It is important for students to follow the rules of good behavior at the university. These rules are common to all, they also apply to all faculty and staff, and are not fundamentally different from the generally accepted norms. During classes it is allowed:

- leave the audience for a short time if necessary and with the permission of the teacher;
- drink soft drinks;
- take photos of presentation slides;
- take an active part in the class.

Forbidden:

- eat (except for persons whose special medical condition requires another - in this case, medical confirmation is required);
- smoking, drinking alcohol and even low-alcohol beverages or drugs;
- to use obscene language or use words that offend the honor and dignity of colleagues and faculty;
- gaff;
- to damage the material and technical base of the university (damage inventory, equipment; furniture, walls, floors, litter the premises and territories);
- shouting, shouting or listening to loud music in classrooms and even in corridors during classes.

#### **Plagiarism and academic integrity**

The Department of Pediatric Dentistry and Implantology maintains zero tolerance for plagiarism. Students are expected to constantly raise their awareness of academic writing. The

first lessons will provide information on what to consider plagiarism and how to properly conduct research and scientific research.

#### Occupational Health

The first lesson of the course will explain the basic principles of labor protection by conducting appropriate training. It is expected that everyone should know where the nearest evacuation exit to the audience, where the fire extinguisher is, how to use it, etc..

**Procedure for informing about changes in the syllabus:** the necessary changes in the syllabus are approved by the methodical commission of KhNMU on the problems of professional training of the dental profile and are published on the site of KhNMU, the site of the Department of Pediatric Dentistry and Implantology of KhNMU.

#### Evaluation policy

##### Assessment of current learning activities (CLA)

When assessing the mastery of each subject of the discipline and the final lesson (FL), the student is graded according to the traditional 4-point system: "excellent", "good", "satisfactory" or "unsatisfactory".

The final score for the current learning activity (CLA) and the final classes (FL) is defined as the arithmetic mean of the traditional grades for each class and FL, rounded to 2 decimal places and listed in a multi-point scale according to the standard table.

##### Assessment of the final lesson

The final lesson (FL) is conducted in accordance with the curriculum of the discipline (hereinafter - CLA) on schedule, during classes.

To prepare for the software on the information stand of the department the following materials are presented:

- basic and anchor test tasks;
- list of theoretical questions (including questions on independent work);
- list of practical skills;
- a list of drugs, prescriptions of which must be prescribed by the student;
- list of medical records;
- criteria for assessing the knowledge and skills of students;
- schedule of students working during the semester.

##### Differential credit

Differential credit in the discipline "Nursing practice in dentistry" is a process during which the following are checked:

- level of theoretical knowledge;
- development of creative thinking;
- skills of independent work;
- competencies - the ability to synthesize the acquired knowledge and apply them in solving practical problems.

To prepare for the test on the information stand of the department the following materials are presented:

- basic and anchor test tasks;
- list of theoretical questions (including questions on independent work);
- list of practical skills;
- a list of drugs, prescriptions of which must be prescribed by the student;
- list of medical records;
- criteria for assessing the knowledge and skills of students;
- schedule of students' classes during the semester;
- schedule of consultations on the discipline during the semester.

##### Assessment of individual student tasks

At the meeting of the department should be approved a list of individual tasks (participation in reports at student conferences, profile competitions, preparation of analytical reviews with presentations) with the definition of the number of points for their implementation, which can be added as incentives (not more than 10).

Points for individual tasks are awarded to the student only by the commission (commission - head of the department, head teacher, group teacher), once, only under the conditions of their successful implementation and defense. The total amount of points for CLA may not exceed 120 points.

#### **Assessment of students' independent work**

Assimilation of topics that are submitted only for independent work is checked during the final lesson and differential credit.