

**Odessa National Medical University**  
**Faculty of Dentistry**  
**Department of Pediatric Dentistry**

**Syllabus**

**"Features of professional oral hygiene in children "**  
**(optional component)**

<b>Scope</b>	Number of ECTS credits - 3 .
<b>Semester, year of study</b>	5th semester
<b>Days, time, place</b>	according to timetable
<b>Teacher (s)</b>	Head of the department - Prof. Denga O.V., associate professors: Koval Yu.M., Konovalov M.F., Novikova Zh.O., Tsevh L.B. assistants: Tarasenko I.Yo. Shumilina K.S., Gorokhovskii V.V., Plotnikova V.G., Skorkina O.V., Yudina O.O., Gorokhivska Yu.V., Osadcha A.O..
<b>Contact phone</b>	Denga Oksana Vasylivna - Prof. Head of the Department of Pediatric Dentistry
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<b>Working space</b>	Department of Pediatric Dentistry st. Mechnikov 32 Odessa
<b>Consultations</b>	Every Tuesday : <i>from</i> 14.30 to 16.00 and on Saturdays: from 8.30 to 13.00. within the academic semester. During the winter holidays daily from 8.30 to 13.00.

**Communication**

Communication with students is carried out according to the schedule in the classrooms and lecture halls. In the case of distance learning, communication can take place online on the Microsoft Teams platform according to timetable.

**Brief description of the course**

**The subject of the discipline "Features of professional oral hygiene in children "** includes improving mastery of basic dental manipulations and methods of professional oral hygiene ;

**Prerequisites of the course:** - "Propaedeutics of pediatric therapeutic dentistry", "Bioorganic and biological chemistry", "Physiology", etc.

**Co - requisites** - "Therapeutic dentistry", "Pharmacology " and others.

**Postrequisites** - "Pediatric Therapeutic Dentistry", "Therapeutic Dentistry" and others.

**The purpose of the course**"Features of professional oral hygiene in children" to provide training of highly qualified specialists in the field of health care, able to solve complex problems and conduct original independent scientific research in dentistry, dedicated to professional oral hygiene. which are established on the basis of the EPP of doctor's training in the specialty "Dentistry" and the basis for building the content of this elective course.

**Tasks of the course** : formation of students' readiness for independent and individual work, making responsible decisions within the framework of professional competence, ability to scientifically analyze medical and social problems

**Expected results** As a result of studying the discipline " **Features of professional oral hygiene in children** ": the student must:

know:

- The composition and properties of hygiene products recommended for oral care. ;

- Practical application of various methods of brushing teeth ( standard method, the method of Leonard, Bass , Fones , Reith, Smith-Bell , Charter, Stillman , brush rotation ).

- Selection and appointment of methods and means of oral hygiene in the complex prevention of patients with orthodontic and surgical pathologies .

- Administration of methods and means of oral hygiene in the comprehensive prevention of patients with periodontal disease and oral mucosa.

be able:

- communicate with patients, including dental profile;

- choose the means of hygiene of the oral cavity based on dental and physical status, age of the child.

- Demonstrate mastery of different methods of brushing teeth : standard . Leonard, Bass , Phones , Reith, Smith-Bell , Charter, W. Ilman , the method of rotation of the brush .

-Apply and perform methods of controlled brushing during preventive examination of the patient.

- Technique of consistent professional oral hygiene. A set of tools for chemical and mechanical (manual and hardware) methods of removing dental plaque is required
- Hygienic training and education in different age groups of children population
- Prepare and conduct a hygiene class in a preschool institution.

## **Course description**

### Forms and methods of teaching

The course will be presented in the form of seminars (20 hours), lectures (10 hours) for the organization of independent work of students (60 hours). During the teaching of the discipline the following methods are used: lecturers, Power Point demonstration and explanation, conversation, analytical information. During practical classes, students use theoretical knowledge to perform practical tasks. It is planned to hold group consultations (1 hour per week according to the consultation schedule)

### Recommended literature :

1. Therapeutic dentistry for children Volume 1:  
textbook./ L.O. Khomenko , YB Tchaikovsky, NI Smolyar [etc.]; for order. prof. L.O. Khomenko . - K .: Kniga plus, 2014.- 432 c.
2. Therapeutic dentistry for children Volume 2:  
textbook./ L.O. Khomenko , YB Tchaikovsky, OV Savychuk [etc.]; for order. prof. L.O. Khomenko . - K .: Kniga plus, 2016.- 328 c.
3. Prevention of dental diseases : textbook . for students of higher educational institutions / L.F. Kaskova , LI AMOCOVA, O.O. Karpenko [ etc. ]; prof. L.F. Kaskova . –H .: Fakt, 2011. –392p.

### **Lecture topics:**

**Topic 1.** Professional oral hygiene in children.

**Topic 2.** Methods of professional oral hygiene in children.

**Topic 3.** Means used for professional oral hygiene in children.

**Topic 4.** Carrying out oral hygiene at home.

**Topic 5.** Individual programs for the use of oral hygiene products in children.

### **Seminar topics :**

**Topic 1** Oral hygiene products, their composition and properties, indications for use depending on the dental status

**Topic 2.** Oral hygiene products, their composition and properties, indications for use depending on the dental status.

**Topic 3.** Methods of hygienic care of the oral cavity. Individual hygiene. Assimilation of brushing teeth. Controlled brushing.

**Topic 4.** Professional oral hygiene: methods and equipment. .

### **Evaluation.**

The results of the test are evaluated on a two-point scale: "passed" and "not passed ":

The results of the test are evaluated on a two-point scale: "credited" and "not credited":

"PASSED" gets a student who has attended all practical classes, shows theoretical knowledge in the curriculum of the elective course, mastered practical skills, mastered the basics and read additional literature, correctly answered test questions (more than 71%). The total amount of points for the current educational activity must be not less than 120 points.

"NOT PASSED" is awarded to a student who has not found theoretical knowledge in the scope of the elective curriculum, does not have basic practical skills. During the semester, he missed practical classes in an elective course without a good reason. Did not solve 70% of test questions. The total amount of points for the current educational activity is less than 120 points

### Independent work (IV) of students

Students' work consists of self-study of a certain list of topics or topics that require in-depth study. ID is controlled by tests and control papers. Questions related to self-study are included in the means of control. The entire scope of the IW contains tasks that require the student to work systematically independently..

### **COURSE POLICY**

The student must acquire knowledge, perform all types of educational tasks, pass all types of educational control, attend all types and forms of classes provided for in the curriculum, avoiding omissions and delays.

#### *Deadline and recompilation policy .*

The student works off a missed lecture in the form of writing an abstract on the topic of the lecture. The student works off the missed practical class by answering questions of the teacher on duty (twice a week on Tuesdays and Saturdays).

#### *Academic Integrity Policy*

Observance of academic integrity by students of education presupposes independent performance of educational tasks, tasks of current and final control of learning outcomes.

Unacceptable in the educational activities of participants in the educational process is the use of family or business ties to obtain a positive and higher assessment in the implementation of any form of control of learning outcomes, the use of prohibited aids or technical means (cheat sheets, headphones ,

telephones, smartphones , etc.); passing of procedures of control of results of training by fictitious persons.

For violation of academic integrity, the applicant may be held subject to the following academic liability:

- reduction of assessment (exam, test, etc.);
- re-passing the assessment (exam, test, etc.);
- appointment of additional control measures (additional individual tasks, tests, etc.);
- re-passing the relevant educational component of the educational program;
- deductions from the university.

*Attendance and lateness policy.*

Absence of a student at lectures or practical classes is noted in the register of attendance in the form of a mark "ab". The student must work off the practical classes during 2 weeks.

*Mobile devices*

The use of a smartphone, tablet or other device is allowed with the permission of the teacher.

*Behavior in the audience.* Work in a team (student group, staff of the department, employees of the clinical base of the department) is provided. The communication environment is friendly, creative, open to constructive criticism.