

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

Syllabus

" Propaedeutics of pediatric therapeutic dentistry "

Amount	number of ECTS credits - 4 .
Semester, year of study	3 - 4 semester
Days, time, place	according to timetable
Teacher (s)	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.
Contact phone	Denga Oksana Vasylyivna - Prof. Head of the Department of Pediatric Dentistry
E-mail	oksana.denga@onmedu.edu.ua
Working space	Department of Pediatric Dentistry st. Mechnikov 32 Odessa
Consultations	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 auditorium. In the case of distance learning, communications can take place online on the Microsoft Teams platform according to the class schedule . .

COURSE ANNOTATION

The object of study **dystyp Lina " Propidevtyka Pediatric Therapeutic Dentistry "**, is to prepare students to work in clinical dental office .

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 . is mastering on phantoms the technique of performing dental manipulations used in the treatment of caries and its complications in temporary and permanent teeth at different stages of their development in children,

Tasks of the discipline : formation of students' knowledge, certain skills and abilities to master the moral and deontological principles of a medical specialist and the principles of performing dental manipulations

Expected results As a result of the study dysysp Lina "P ropedevtyka pediatric preventive dentistry ," a student shall know:

- dental instruments for therapeutic use , their purpose ;
- purpose, types , means of disinfection and sterilization of dental instruments and equipment ;
- anatomical structure of temporary and permanent teeth in ;
- classification of carious cavities according to Black ;
- principles , stages and features of preparation of carious cavities , their characteristics, advantages and disadvantages ;
- classification of dental filling material ;
- group , the basic requirements to Material for medical and insulating gaskets, appliances imposition ;
- characteristic group , the positive features and shortcomings filling material , equipment preparation and filling
- technique of instrumental treatment of root canals and tools , which are used at each stage ;
- technique of root canal obturation in temporary and permanent teeth at different stages of their development ;

Be able:

- to identify temporary and permanent teeth by anatomical features ;
- dissect carious cavities of temporary and permanent teeth on the phantom ;
- seal carious cavity in temporary and permanent teeth as the sealing materials in phantom ;
- have the technique of opening the tooth cavity in temporary teeth on a phantom ;
- have the technique of opening the tooth cavity in permanent teeth on a phantom ;
- own technique of instrumental and pharmacological treatment of root canals in temporary and permanent teeth at different stages of root tooth phantom ;
- have the technique of filling root canals in pastes in temporary and permanent teeth on the phantom ;

Course description

Forms and methods of teaching

The course is laid in the form of lectures (18 hrs.) and practical classes (42 hrs.), The organization of independent work of students (60 hrs.). The main teaching methods used: the story of lecturer demonstration of Power Point and explanation, conversation, analysis of the new information. During a performance of practical classes, students use the theoretical knowledge to perform practical tasks. It is assumed of group consultations (1 hr. per week by scheduling consultations)

Recommended literature :

1. Propaedeutics of children's therapeutic dentistry / Khomenko LO and singing. - K.: Книга-плюс, 2011. - 320с.
2. Propaedeutics of pediatric therapeutic dentistry / Khomenko LA and co-author. - K.: Книга-плюс, 2014. - 320с.
3. Khomenko LO, Tchaikovsky YB, Smolyar NI, Savychuk OV, Ostapko OI, Bidenko NV etc. Therapeutic dentistry children ages Vol 1 - cue in : Book a plus, 2014. - 432.
4. Khomenko LA, Kiselnikova LP, Smolyar NI, Tchaikovsky YB, Savichuk AV, Ostapko EI, Bidenko NV, Shmatko VI, Golubeva I.N., Kononovich EF et al .. Terapevtycheskaya stomatolohyya childish vozrasta.- Kyiv book plus, 2013. - 864s.
5. Borisenko AV, Sidelnikova LF, Antonenko M.Yu., Kolenko Yu.G., Shekera OO Workshop on therapeutic dentistry (phantom course). Manual. - Kyiv: Book-plus. - 2011. - 512 p.
6. Nikolaev AI, Tsepov LM Phantom course of therapeutic dentistry, M.: Medpress, 2015. - 432p.

List of topics (common blocks)

Lecture topics:

Topic № 1. Historical stages of development of pediatric dentistry. The place of pediatric dentistry among dental disciplines and general pediatrics. The main problems, sections of pediatric dentistry. The role of domestic scientists in the development of the discipline.

Topic № 2. Dental office, dental department. Sanitary and technical requirements to them. Principles of ergonomics. Standards for providing junior and middle medical staff.

Topic № 3. Anatomical-morphological, histological and radiological features of the dental system in children at different ages.

Topic № 4. Features of preparation of carious cavities of different classes in temporary and permanent teeth in children.

Topic № 5. Sealing materials . Classification . Basic requirements for filling materials . Isolation and treatment claim idkladky . Indications for use , cooking techniques

Topic № 6 Modern filling materials used in pediatric therapeutic dentistry: composite materials of chemical and light curing. Types, properties, application technique.

Topic № 7 Sealing materials for temporary and permanent root canal obturation

Topic № 8 Endodontic treatment of temporary teeth and permanent teeth with unformed root. Endodontic instruments and techniques.

Topic № 9 Root canal filling in temporary and permanent teeth with unformed and formed root in children. Modern technologies of sealing the root canal in .

Topics of practical classes:

Topic № 1. Organization of work and equipment of the dental office. Universal dental unit, dental tips. Basic dental tools for therapeutic reception : types , purpose . Making a phantom in .

Topic № 2. Topographic anatomy of temporary teeth on p iznyh stages of development . Modeling teeth with plastic and solid materialiv . .

Theme № 3. Topographic anatomy of permanent teeth at p iznyh stages of development . Modeling teeth with plastic and solid materialiv ..

Topic № 4. Preparation of carious cavities of I and Y class in temporary and permanent teeth with unformed root . The face , the tools .

Topic № 5. Preparation of class II carious cavities in temporary and permanent teeth with unformed root . The face , the tools .

Theme № 6. Dissection of carious cavities III and IV grade in at temporary and permanent teeth with immature roots . The face , the tools .

Topic № 7. Dental cements and amalgams . Filling of carious cavities I and V in temporary and permanent teeth.

Topic № 8. Technique of filling carious cavities of class II with dental cements and amalgam in temporary and permanent teeth. Restore contact point.

Topic № 9 Composite filling materials and compomers . Technique of filling carious cavities of I and V classes in temporary and permanent teeth.

Topic № 10. Technique filling of carious cavities II class of temporary and permanent teeth in children with the use of p iznyh sealing material .

Topic № 11. Technique of filling carious cavities of III and IV classes in temporary and permanent teeth in children with the use of different filling materials. .

Topic № 12. Modern endodontic instruments: types, purpose, choice. Technology preparation cavity tooth instrumental and pharmacological treatment of root canal as in interim and post iyneh teeth with unformed roots .

Topic № 13. Sealing materials for temporary and permanent obturation of root canals. Root canal filling technique in temporary teeth

Topic № 14. Root filling. Technique of root canal filling in permanent teeth with unformed roots .

Evaluation.

Current control is carried out at each practical lesson. The assessment of current success is given on a 4-point traditional scale based on the results of an interview with a teacher on theoretical issues and the result of practical skills on phantoms and simulators.

Final control The form of control of the level of knowledge is a differentiated test, which is conducted at the last lesson. Students who have completed the curriculum of the discipline in full, have an average score for current academic activity of at least 3.00 and passed the final test control in the previous lesson by at least 90% are admitted to the differentiated test. Grades in the discipline on a differentiated test are set on a 4-point scale, taking into account the average score for current performance.

Independent work of students . Independent work of students is regulated by the curriculum and is performed by students independently according to calendar-thematic plans, is carried out in the form of classroom and extracurricular work. Quality control of students' independent work is carried out in practical classes and during differentiated tests.

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, without omissions and delays.

Deadline and recompilation policy .

The student completes the missed lecture in the form of writing an abstract on the topic of the lecture. Missed a workshop student in idroblyaye by polling during regular working sessions off Adachi (twice a week on Tuesday and Saturday).

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- assessment (exam, test, etc.);
- appointment of additional control measures (additional individual tasks, tests, etc.);
- repeated passing of 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 journal of visits in the form of a mark "nb". The student must work off the practical classes for 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. Peredbachaye ARE robot as a team (student group, department staff, the staff of the clinical base of the department). C eredovysch is communicating is friendly, creative, open to constructive criticism.