

Odessa National Medical University
Faculty of Dentistry
Department of Pediatric Dentistry
Syllabus
" Industrial medical practice "

Amount	number of ECTS credits - 2 .
Semester, year of study	9 - 10 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., Tsevuh 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.
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Working space	Department of Pediatric Dentistry st. Mechnikov 32 m. 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 lecture halls. In the case of distance learning, communication can take place online on the Microsoft Teams platform according to timetable.

COURSE ANNOTATION

The subject of the discipline "Industrial Medical Practice" is to deepen students' knowledge and skills regarding the features of clinical manifestations and patterns of pathological processes in the maxillofacial area in children, as well as methods of treatment and prevention of major dental diseases at different ages.

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

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

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

The purpose of the course - "Industrial Medical Practice" is to achieve the ultimate goals of the discipline "Pediatric Therapeutic Dentistry", which are set on the basis of OPP training of a doctor in the specialty "Dentistry" is the basis for building the content of this course

Tasks of the discipline : formation of students' knowledge, certain skills and abilities to ensure complete and timely treatment of dental diseases in children

Expected results As a result of studying the discipline "Prevention of dental diseases": the student must:

From :

- modern ideas about the etiology and pathogenesis of dental caries in children;
- to analyze the prevalence and intensity of dental caries in children in terms of age and the factors influencing these indicators;
- regularities of the clinical course of caries of temporary teeth depending on the age of the child;
- errors and complications in the treatment of caries of temporary and permanent teeth in children, be able to prevent and eliminate them;
- modern ideas about the etiology and pathogenesis of pulpitis in temporary and permanent teeth in children;
- classification of pulpitis ;
- on the regularity of the clinical course of pulpitis in temporary and permanent teeth in children of different ages;
- methods of treatment of pulpitis;
- errors and complications in the treatment of pulpitis in children, their prevention and elimination;
- modern ideas about the etiology and pathogenesis of periodontitis in temporary and permanent teeth in children;
- for classification of periodontitis ;
- on the regularity of the clinical course of periodontitis in temporary and permanent teeth in children of different ages;
- errors and complications in the treatment of periodontitis in children, their prevention and elimination;
- etiology, clinical manifestations, diagnosis and principles of treatment of traumatic lesions of temporary and permanent teeth in children.

Be able to :

- to diagnose and differentially diagnose different forms of caries of temporary teeth in children of different ages;
- to treat caries of temporary teeth in children by different methods (remineralizing therapy, ART-technique, preparation and filling with different filling materials, impregnation method);
- to diagnose and differentially diagnose various forms of caries of permanent teeth in children of different ages;
- to diagnose and differentially diagnose various forms of non-cariou lesions of the teeth in children of different ages;
- to determine treatment tactics and treat various forms of non-cariou lesions of the teeth in children of different ages .;
- to treat caries of temporary teeth in children by different methods (remineralizing therapy, preventive filling, preparation and filling with different filling materials);
- prescribe general treatment of dental caries to children with decompensated caries;
- to diagnose and carry out differential diagnosis of different forms of pulpitis in temporary and permanent teeth in children;

- to treat pulpitis in temporary and permanent teeth in children using various methods;
- to diagnose and carry out differential diagnosis of different forms of periodontitis in temporary and permanent teeth in children;
- to treat periodontitis in temporary and permanent teeth in children using various methods;
- to treat various types of traumatic lesions of temporary and permanent teeth in children;
- to distribute children with caries and its complications into dispensary groups and to conduct dispensary observation for certain terms.

COURSE DESCRIPTION

Forms and methods of teaching

The course will be presented in the form of practical classes (30 hours), organization of independent work of students (30 hours).

During the teaching of the discipline methods are used: lecturer's story, Power Point demonstration and explanation, conversation, analysis of new 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 Books:

1. Terapevtycheskaya stomatolohyya childish age . Volume 2. / [Khomenko LA, Maidannik VG, Golubeva VG and others .] under ed. prof. L.A. Khomenko. - K .: Книга-плюс, 2017- 808с.
2. Pharmacotherapy of diseases of the oral mucosa and periodontal tissues. Edited by Prof. Borisenko AV - K.: Медицина, 2018. - 504 p.
3. Dental diseases: therapeutic dentistry, ed. Prof. Borisenko AV - K.: Медицина , 2017. - 664 с
4. Kaskova LF, Khmil OV, Sirkovich I.O. Herpes infection in pediatric dentistry. - Training manual. -Poltava, 2011. - 120p.
5. Features of disinfection and sterilization in dentists under. ed .. prof .. Bazikyuan EA .. - GEOTAR - Media . - 2016. - 112 p.
6. Prevention of dental diseases: textbook . for students . higher honey. teach . bookmark . / LF Kaskova , L, I Amosova, OO Karpenko [etc.] .; for order. prof. For order. Prof. L.F. Kaskova . - Kharkiv. - "Fact", 2011. - 392 p.

Topics of practical classes:

Topic №1. Practical mastering of methods of caries treatment, non-carious lesions of temporary and permanent teeth in children: features of preparation of carious cavities, choice of filling materials, filling technique. Non-operative methods of treatment of caries of temporary and permanent teeth in children: indications, methods.

Topic №2. Practical mastering of methods of treatment of pulpitis of temporary and permanent teeth in children. Vital amputation and pulp extirpation. Devital methods. Indications, methods of their carrying

out. Endodontic treatment of root canals, materials for obturation of root canals at different stages of their formation .

Topic №3. Practical mastering of methods of treatment of periodontitis of temporary and permanent teeth in children. Choice of treatment method, technique, choice of materials for root filling in temporary and permanent teeth in children . Forecast.

Topic №4. Modern, innovative methods of diagnosis and treatment of periodontal diseases in children. Modern remedies for periodontal disease in children.

Topic №5. Modern means and methods of treatment of diseases of the oral mucosa in children.

ASSESSMENT.

The current control of students at the dental departments is carried out by the heads of practice from the base.

Final control (grading test, exam) is carried out at the end of the course. Students who do not have missed classes (have completed all classes), have completed the practice program, have properly made reporting documents (Diary and Final Report) are admitted to the final control.

Form of final control

Differential credit of practice (medical) practice of 3rd year students involves the demonstration of skills and practical skills and solving situational problems.

During the differential test, the student must complete one practical skill and solve two situational problems.

Differential credit assessment: grades are set on a 4-point traditional scale.

The grade "excellent" is given in the case when the student knows the program in full, illustrates the answers with various examples; gives comprehensively accurate and clear answers without any leading questions; spreads the material without errors and inaccuracies; freely solves situational problems and performs practical skills of various degrees of complexity;

The grade "good" is given when the student knows the whole program and understands it well, answers the questions correctly, consistently and systematically, but they are not exhaustive, although the student answers additional questions without errors; solves situational problems with minor errors and performs practical skills, experiencing difficulties only in the most difficult cases;

The grade "satisfactory" is given to the student on the basis of his knowledge of the entire scope of the program on the subject and a satisfactory level of understanding. The student is able to solve simplified problems with the help of leading questions;

solves a situational problem with some significant errors and performs practical skills, experiencing difficulties in simple cases; is not able to systematically state the answer on his own, but answers the directly asked questions correctly.

The grade "unsatisfactory" is given in cases when the student's knowledge and skills do not meet the requirements of "satisfactory" mark.

Independent work (SR) of students

Students' work consists of self-study of a certain list of topics or topics that require in-depth study. It is controlled in the form of tests. Questions related to self-study are included in the control measures. The entire volume of the SR 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.