

MINISTRY OF HEALTH PROTECTION OF UKRAINE
ODESSA NATIONAL MEDICAL UNIVERSITY

Faculty of dentistry, international

Department of therapeutic dentistry

Course syllabus

"Production dental practice"

Institution of higher education, faculty, department	ODESSA NATIONAL MEDICAL UNIVERSITY Faculty of dentistry, international Department of therapeutic dentistry
The name of the academic discipline	Course "Production dental practice"
Scope of the academic discipline	Total number of hours per discipline: 90 hours/ 3.0 credits. Semester VI, 3rd year of study - 2.0 credits Semester VIII, 4th year of study - 1.0 credit
Days, time, place of educational discipline	According to the schedule of classes, the Department of Therapeutic Dentistry, str. Torgova, 15; St. Pishonivska, 1.
Teachers	Chief department, prof. V.Y. Skyba, docents : N.A. Ivchenko, A.O. Sedletska, O.I. Aksinorska, L.V. Honcharuk, O.M. Zhrebko, S.M. Koval, O.M. Davidenko, O.V. Honcharenko, I.V. Gerasymova, assistants: E.O. Strochenko, S.V. Dizik, O.G.Tsymbaliuk
Contact information	Head of the department, prof. Vasyl Yakovych Skiba, tel. 0505523250 terstomonmedu@gmail.com Department of Therapeutic Dentistry Torgova str., 15; Pishonivska str., 1. Consultations every Wednesday: from 14.30 to 16.00 and on Saturdays: from 8.30 to 13.00. within the academic semester. During the winter holidays, every day from 8:30 a.m. to 1:00 p.m.

COMMUNICATION

Communication with applicants is carried out in classrooms (face-to-face) according to the schedule in classrooms and auditoriums. In the case of distance learning, communication can take place online on the Microsoft Teams platform according to the class schedule, as well as through e-mail correspondence, Viber messengers (through groups created in Viber for each group, separately through the head of the group).

ABSTRACT OF THE EDUCATIONAL DISCIPLINE

The subject of study of the discipline "Production dental practice" is modern data on the etiology, pathogenesis, clinical manifestations of diseases of the teeth, periodontium and mucous membrane of the oral cavity, methods of their treatment, national and individual preventive measures.

Prerequisites of the course: The study of the educational course is based on the previously acquired knowledge of human anatomy, histology, embryology and cytology, medical physics, medical chemistry, Latin language, philosophy, foreign language, physiology, pharmacology, clinical immunology, surgical stomatology, orthopedic stomatology, stomatology of childhood, orthodontics.

Post-requisites of the course: The knowledge gained by the students will contribute to the qualitative mastery of practical skills, the use of modern equipment and tools in the work, professional language, allow participation in scientific and practical conferences, internships, including abroad.

The purpose of studying the discipline "Production dental practice" is the formation of students' theoretical knowledge, practical skills and abilities regarding the diagnosis, treatment, and prevention of major dental diseases in the clinic of therapeutic dentistry.

Tasks of the discipline: To provide students with modern professional knowledge and skills in the treatment of diseases of hard dental tissues, complications of dental caries, and diseases of periodontal tissues.

Expected results: As a result of studying the educational discipline "Production dental practice", the student should know:

- Organization of dental office work. Functions and duties of medical personnel.
- Issues of ethics and deontology. Issues of ergonomics and safety technology.
- Dental instruments for examination and treatment of teeth, their purpose.
- Classifications of the main dental diseases.
- Clinical methods of diagnosis of the main dental diseases.
- Additional methods of diagnosis of the main dental diseases.
- Etiology and pathogenesis of the main dental diseases.
- Innervation and blood supply of jaws and individual groups of teeth.
- Methods of treatment of the main dental diseases.
- Methods of prevention of major dental diseases.
- Norms of working hours, qualitative and quantitative indicators of the work of a dentist.
- Rules for filling out medical documentation.

The student should be able to:

- Analyze the results of clinical examinations of patients with major dental diseases.
- Analyze the results of additional examinations of patients with major dental diseases.
- Identify leading syndromes and symptoms in the therapeutic clinic
stomatology
- Carry out dental caries treatment.
- Treat complications of dental caries.
- Treat non-carious lesions of the hard tissues of the teeth.
- Treat periodontal tissue diseases.

- Treat diseases of the mucous membrane of the oral cavity.
- Carry out differential diagnosis of diseases in the clinic of therapeutic stomatology.
- Formulate a preliminary clinical diagnosis in the clinic of therapeutic stomatology.
- To substantiate the final diagnosis in the clinic of therapeutic stomatology.
 - Identify somatic diseases that require special patient management tactics at a therapeutic appointment.
- Prescribe physiotherapeutic methods of treatment of basic dental diseases.
- Diagnose emergency conditions and provide emergency care in the clinic of therapeutic dentistry.
- Conduct primary and secondary prevention of major dental diseases.
- Demonstrate the skills of filling out a package of medical documentation at a therapeutic appointment.
- Demonstrate mastery of the moral and deontological principles of a medical specialist and the principles of professional subordination at a therapeutic appointment.

DESCRIPTION OF THE EDUCATIONAL DISCIPLINE

Forms and methods of education

The course involves practical classes - 90 hours (30 hours of classroom work), organization of students' extracurricular work (60 hours).

Teaching takes place in the form of Power Point demonstration and explanation, conversation, analysis of new information. During practical classes, a theoretical survey is conducted, test tasks are solved, situational tasks are performed, and practical skills are practiced on phantoms.

Consultations are planned according to the schedule.

Content of the course "Production dental practice".

The training course "Production dental practice" is taught in the 3rd and 4th courses.

List of topics from classroom work of students of the 3rd year:

Topic 1. Practicing the skills of diagnosis and differential diagnosis of non-carious lesions and dental caries.

Topic 2. Practicing the skills of diagnosis and differential diagnosis of caries complications (pulpitis, periodontitis).

Topic 3. Practicing the skills of treatment and prevention of the initial stages of dental caries and non-carious lesions.

Topic 4. Practicing the skills of using modern filling materials for filling carious cavities.

Topic 5. Practicing the skills of treatment and prevention of caries complications (pulpitis, periodontitis).

List of topics from extracurricular work of students of the 3rd year:

Topic 6. Mastery of modern methods of diagnosis of non-carious lesions and tooth caries (electroodontodiagnostics, vital staining, ultraviolet stomatoscopy, "Diagnodent" apparatus (KAVO), transillumination, x-ray methods, etc.).

Topic 7. Practicing the skills of sealing fissures, using the "Icon" system, restoring hard tooth tissues in the treatment of dental caries and non-carious lesions.

Topic 8. Working out the technique of preparing carious cavities, applying insulating and medical pads, temporary and permanent fillings in the treatment of dental caries and non-carious lesions.

Topic 9. Development of techniques for measuring the working length of a tooth and expanding root canals with endodontic tools for machine and manual preparation.

Topic 10. Development of methods of obturation of root canals on endoblocks with modern filling materials.

List of topics from classroom work of students of the 4th year:

Topic 1. Interpretation of data from clinical methods of examination of patients with periodontal tissue diseases (with the help of video materials, typical and situational tasks, test tasks, etc.).

Drawing up a diagnostic plan.

Topic 2. Practicing the skills of index assessment of periodontal condition, radiological and additional research methods. Formulation of the preliminary and justification of the final diagnosis.

Topic 3. Determination of the general treatment and prevention plan for patients with gingivitis, periodontitis, and periodontitis.

Topic 4. Determination of the local treatment plan for patients with gingivitis, periodontitis, periodontitis. Removal of dental deposits.

Topic 5. Practice of physical methods of treatment of diseases of periodontal tissues.

List of topics from extracurricular work of students of the 4th year:

Topic 6. Practice on the phantom of the dentist's actions in the treatment of patients with catarrhal, hypertrophic gingivitis and localized periodontitis.

Topic 7. Practice on the phantom of the dentist's actions in the treatment of patients with ulcerative-necrotic gingivitis.

Topic 8. Practicing on the phantom of the dentist's actions in the treatment of patients with generalized periodontitis.

Topic 9. Practicing on the phantom of a dentist's actions in the treatment of patients with periodontal disease.

Topic 10. Practicing on the phantom of the dentist's actions in the treatment of patients with idiopathic periodontal tissue diseases.

Main (basic):

1. Therapeutic stomatology: Textbook for students of the stomatological faculty of higher educational institutions of the IV level of accreditation / Edited by Anatoliy Nikolishin - ed. 2nd, corrected and supplemented. – Vinnytsia: Nova kniga, 2012. – 680 p.

2. Therapeutic dentistry: In 4 vols. — Vol. 2. Caries. Pulpitis. Periodontitis. Oral sepsis: Textbook for students. stomatal f-tiv honey. ZVO — 3rd edition. Recommended by the Ministry of Health / Ed. A.V. Borysenko — K., 2020. — 592 p.

3. Dental diseases: therapeutic dentistry, edited by prof. Borysenko A.V. - K.: Medicine, 2017. - 664 p.

4. Pharmacotherapy of diseases of the mucous membrane of the oral cavity and periodontal tissues. edited by Prof. Borysenko A.V. - K.: Medicine, 2018. - 504 p.

5. Bidenko N.V., Borysenko A.V., Vasylychuk O.V. etc.. Algorithms for performing dental and medical manipulations for preparation for the State certification of students of the 5th year in the specialty "Dentistry". - Kyiv: Kniga-plus, 2017. - 455 p.

Additional:

1. Pavlenko O.V., Belychenko Yu.M., Volosovets T.M., Al-Alavny S.V. – Handbook of endodontics: a textbook for medical universities/ Ed. Prof. O.V. Pavlenko. Simferopol: N. Orianda, 2010. – 326p.

2. Therapeutic stomatology: equipment and tools: training manual / V.I. Gerelyuk, N.V. Neiko, V.V. Materynskyi, O.P. Kobrin. – Ivano-Frankivsk, 2012. – 95 p.

3. Modern filling materials and methods of their use in therapeutic dentistry: [teaching manual] / G.F. Biloklytska, O.V. Asharenkova, O.V. Kopchak - K.: Publishing House "Askania", 2013. - 143 p.

4. Clinical pharmacology and pharmacotherapy in dentistry: Education. manual for honey universities, institutes, acad. — 2nd edition. Recommended by the Academic Council of the NMAPO named after P.L. Shupyka / Mazur I.P., Haytovych M.V., Golopyho L.I. — K., 2019. — 376 p.

5. Petrushanko T.O., Ostrovska L.Y., Ilenko N.M. Clinical practice in therapeutic stomatology: Study guide / T.O. Petrushanko, L.Y. Ostrovska, N.M. Ilenko. - Kyiv: "Center for Educational Literature", 2019. - 259 p.

6. Borysenko A.V., Antonenko M.Yu., Sidelnikova L.F., Melnychuk T.A. Essays on practical periodontology. - K.: LLC "Library "Health of Ukraine" - Kyiv: "Library "Health of Ukraine", 2017. — 348 p.

7. Industrial practice in therapeutic dentistry for students of the IV year: Study guide / T.O. Petrushanko, A.K. Nikolishin, N.M. Ilenko, E.V. Nikolishina, I.O. Ivanytskyi - Kyiv: Center for Educational Literature, 2018. – 288 p.;

20. Dermatostomatitis / G.S. Chuchmai, L.O. Tsvih, S.S. Riznyk, B.S. Hrynyk - Lviv, 1998. - 136

p.

8. Ivanytskyi I.O. Hypersensitivity of teeth: a study guide for students of stomatological faculties of higher medical educational institutions of the IV level of accreditation / I.O. Ivanytskyi, O.S. Ivanytska, T.O. Petrushanko. – Poltava: Dyvosvit, 2019. – 108 p.

9. Kalyuzhna L.D., Biloklytska G.F. Diseases of the skin of the face, the mucous membrane of the oral cavity and the red border of the lips. Tutorial. - K.: Gramota, 2007. - 280 p.

10. Clinical pharmacology and pharmacotherapy in dentistry: Education. manual for honey universities, institutes, acad. — 2nd edition. Recommended by the Academic Council of the NMAPO named after P.L. Shupyka / Mazur I.P., Haytovych M.V., Golopyho L.I. — K., 2019. — 376 p.

EVALUATION

Forms and methods of current control: the department of therapeutic dentistry uses various forms of control of classes in a certain educational discipline (oral, written, combined, testing, survey), practical (working with a patient, working on a phantom), assessment of communication skills and activity in class and during the role play, evaluating the interpretation of the results of clinical, laboratory and instrumental research.

Current evaluation criteria in practical training

Mark	Current evaluation
«5»	The applicant is fluent in the material, takes an active part in discussing and solving a situational clinical problem, confidently demonstrates practical skills during the examination of a sick child and the interpretation of clinical, laboratory and instrumental research data, expresses his opinion on the subject of the lesson, demonstrates clinical thinking.
«4»	The applicant has a good command of the material, participates in the discussion and solution of a situational clinical problem, demonstrates practical skills during the examination of a sick child and the interpretation of clinical, laboratory and instrumental research data with some errors, expresses his opinion on the subject of the lesson, demonstrates clinical thinking.
«3»	The acquirer does not have sufficient knowledge of the material, is unsure of participating in the discussion and solution of a situational clinical problem, demonstrates practical skills during the examination of a sick child and the interpretation of clinical, laboratory and instrumental research data with significant errors.
«2»	The acquirer does not possess the material, does not participate in the discussion and solution of the situational clinical problem, does not demonstrate practical skills during the examination of a sick child and the interpretation of clinical, laboratory and instrumental research data.

Forms and methods of final control: credit, issued to the applicant who completed all sections of the educational program of the selected discipline, took an active part in seminars, has an average current grade of at least 3.0 and has no academic debt.

Possibility and conditions of obtaining additional (bonus) points: not provided.

INDEPENDENT WORK OF HIGHER EDUCATION ACQUIRES

The independent self work of students is regulated by the curriculum and is carried out by the applicants independently according to calendar and thematic plans, it is carried out in the form of classroom and out-of-classroom work. The quality control of the independent work of the applicants is carried out during the differentiated assessment.

EDUCATIONAL DISCIPLINE POLICY

Deadlines and Rescheduling Policy:

- Absences of classes for non-respectable reasons are worked out according to the schedule of the teacher on duty.
- Absences due to valid reasons are processed according to an individual schedule with the permission of the dean's office.

Academic Integrity Policy:

Applicants must observe academic integrity, namely:

- independent performance of all types of work, tasks, forms of control provided for by the work program of this educational discipline;
- references to sources of information in the case of using ideas, developments, statements, information;
- compliance with the legislation on copyright and related rights;
- provision of reliable information about the results of one's own educational (scientific) activity, used research methods and sources of information.

Unacceptable in educational activities for participants of the educational process are:

- using family or official ties to obtain a positive or higher grade during any form of control of learning outcomes or academic performance;
- use of prohibited auxiliary materials or technical means (cheat sheets, notes, micro-earphones, telephones, smartphones, tablets, etc.) during control measures;
- passing procedures for control of training results by fake persons.

For violation of academic integrity, students may be held to the following academic responsibility:

- a decrease in the results of assessment of control work, assessment in class, credit, etc.;
- retaking the assessment (control work, credit, etc.);

- appointment of additional control measures (additional individual tasks, control works, tests, etc.);
- conducting an additional inspection of other works authored by the violator.

Attendance and Tardiness Policy:

Uniform: a medical gown that completely covers the outer clothing, or medical pajamas, a cap, a mask, and a change of shoes.

Equipment: notebook, pen.

State of health: applicants suffering from acute infectious diseases, including respiratory diseases, are not allowed to attend classes.

A student who is late for class can attend it, but if the teacher has put "nb" in the journal, he must complete it in the general order.

Use of mobile devices:

Mobile devices may be used by students with the permission of the instructor if they are needed for the assignment.

Behavior in the audience:

The behavior of applicants and teachers in the classrooms must be working and calm, strictly comply with the rules established by the Regulations on academic integrity and ethics of academic relations at Odessa National Medical University, in accordance with the Code of Academic Ethics and University Community Relations of Odessa National Medical University, Regulations on Prevention and detection of academic plagiarism in research and educational work of students of higher education, scientists and teachers of Odessa National Medical University.