

Odessa National Medical University

Faculty of Dentistry

Therapeutic Dentistry Department

Syllabus course

"Occupational diseases of dentists" (optional component)

Institution of higher education, faculty, department	ODESSA NATIONAL MEDICAL UNIVERSITY Faculty of dentistry, international Therapeutic dentistry department
The name of the academic discipline	Course " Occupational diseases of dentists " (optional component)
Scope of the academic discipline	Total number of hours per discipline: 90 hours/ 3.0 credits. Semester V, 3rd year of study
Days, time, place of educational discipline	According to the schedule of classes, Therapeutic Dentistry Department, str. Torgova, 15; St. Pishonivska, 1.
Teacher(s)	Chief department, prof. V.Y. Skyba, docents : N.A. Ivchenko, A.O. Sedletska, O.I. Aksinorska, L.V. Honcharuk, O.M. Zherebko, 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, mobile: 0505523250 terstomonmedu@gmail.com Therapeutic Dentistry Department , str. Torgova, 15; St. Pishonivska, 1. <i>Every Wednesday:</i> from 14.30 to 16.00 and <i>on Saturdays:</i> from 8.30 to 13.00, within the academic semester. During the winter holidays: daily from 8.30 to 13.00.

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).

COURSE ANNOTATION

The subject of study of the discipline – this is the definition of harmful factors that exist in the professional activity of dentists; study of the etiology and pathogenesis of occupational diseases in dentists, preventive measures to prevent the occurrence of occupational diseases in dentists.

Course prerequisites: The study of the program is based on the knowledge previously acquired by students in human anatomy, histology, embryology and cytology, medical physics, medical chemistry, Latin language, philosophy, foreign language, physiology, pharmacology, clinical immunology, surgical dentistry, orthopedic dentistry, pediatric dentistry age, orthodontics.

Post-requisites of the course: The knowledge gained by students will contribute to the assimilation of issues of ergonomics in therapeutic dentistry, preventive measures to overcome intra-hospital infections, prevention of trauma, allergy, air pollution, vibration disease, etc. The use of modern equipment and professional language in the work allows participation in scientific and practical conferences, internships, including abroad.

The purpose of studying the discipline "Occupational diseases of dentists" is the formation of students' theoretical knowledge, practical skills and abilities regarding the diagnosis, treatment, and prevention of occupational diseases of dentists.

Tasks of the discipline: To form students' professional knowledge and skills in the treatment of diseases of hard dental tissues, complications of dental caries, diseases of periodontal tissues and mucous membrane of the oral cavity.

Expected results: As a result of studying the academic discipline "Therapeutic Dentistry", the student **has to know:**

- Organization of dental office work. Functions and duties medical staff.
- Ergonomics and safety issues.
- Sanitary and hygienic requirements for work in dental offices departments/offices, including junior medical staff.
- Classification of occupational diseases among dentists.
- The main harmful factors that cause occupational diseases.
- Pathogenesis of professional diseases of dentists.
- Diagnosis, differential diagnosis of occupational diseases.
- Methods of treatment of occupational diseases.
- Methods of prevention of occupational diseases among dentists.
- Working hours standards, qualitative and quantitative indicators of the doctor's work-Dentist

The student **should be able to:**

- Evaluate diagnostic information using a standard procedure, based on laboratory and instrumental results of research
- Identify the leading clinical symptom or syndrome.
- Establish the most likely or syndromic diagnosis disease.
- Organize the work of medical personnel; form rational medical routes of patients; organize interaction with colleagues.
- Conduct primary and secondary prevention of professional diseases
- Form goals and determine the structure of personal activity.
- Demonstrate mastery of moral and deontological principles of a medical specialist and the principles of professional subordination to therapeutic reception.
- Follow a healthy lifestyle, use techniques self-regulation and self-control.
- To be aware of and be guided in one's activities by civil rights, freedoms and duties, to raise the general educational cultural level.
- To organize the necessary level of individual safety (own and the persons he cares about) in case of typical dangerous situations in the individual field of activity.

DESCRIPTION OF THE EDUCATIONAL DISCIPLINE

The course includes seminar classes (30 hours), organization of students' independent work (60 hours).

Teaching takes place in the form of a lecture, Power Point demonstration and explanation,

conversation, analysis of new information. During the seminar classes, a theoretical survey, solution of situational tasks, compilation of diagnostic and therapeutic search algorithms are conducted. Consultations are planned according to the schedule.

Content of the academic discipline:

Chapter 1. "Occupational diseases of dentists. Etiology, pathogenesis, clinic, diagnosis, prevention, doctor's tactics.":

Topic 1. Hygienic classification of work according to indicators of harmfulness and dangerous factors of the production process, difficulty and labor tension

Topic 2. Equipment of a dentist's workplace: universal dental units and chairs. Safety equipment.

Topic 3. Classification of working conditions. Hygienic standards. Asepsis.

Topic 4. Peculiarities of the work of doctors - dentists.

Topic 5. Classification of occupational diseases.

Topic 6. Professional hazards in the work of a dentist.

Topic 7. Sanitary passport. Appointment.

Topic 8. Means of individual protection and personal safety.

Topic 9. Diagnosis and main clinical manifestations of professional diseases of dentists.

Topic 10. Doctor's tactics and prevention of occupational diseases.

List of recommended literature:

Basic (basic)

1. Occupational diseases: [textbook] / V.A. Kapustnyk, I.F. Kostyuk, O.M. Ignatiev and others. ; under the editorship Prof. V.A. Kapustnyka, prof.. I.F. Kostiuk – 5th ed., revised. and supplement. - K.,: Medical University "Medicine", 2017.-536 p. + 4 colors. incl.

2. Occupational diseases: teaching method. a guide for yourself. do study / O.M. Ignatiev, K.A. Yarmula, O.I. Panyuta, L.I. Backyard - O., 2015. - 56 p.

3. Khukhlina O. S. Internal medicine and occupational diseases: diagnosis and treatment: Study guide / O. S. Khukhlina. – Chernivtsi: BSMU, 2013. – 367 p.

Additional:

1. Occupational diseases / V.S. Weaver - K.: SE "Information and Analytical Agency", 2011. - 895 p.

2. Order of the Ministry of Health of Ukraine No. 248 of 04/08/2014 "On the approval of State sanitary norms and rules "Hygienic classification of labor according to indicators of harmfulness and danger of factors of the production environment, difficulty and tension of the labor process"

3. V.F. Moskalenko, O.P. Yavorivskyi. Hygiene and labor protection of medical workers. - Kyiv: "Medicine". – 2009. – P. 88 – 103.

4. Information and educational environment info.onmedu.edu.ua

13. Electronic information resources

1. <http://moz.gov.ua> – Міністерство охорони здоров'я України

2. www.ama-assn.org – Американська медична асоціація / American Medical Association

3. www.dec.gov.ua/mtd/home/ - Державний експертний центр МОЗ України

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

Score	The structure of assessment of the current educational activity of one seminar session
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Perfectly "5"	The student has a fluent command of the material, takes an active part in the role play, confidently demonstrates practical skills during the examination of a healthy and sick child and the interpretation of clinical, laboratory and instrumental research data, expresses his opinion on the subject of the lesson, demonstrates clinical thinking.
Good «4»	The winner has a good command of the material, takes part in a role-playing game, demonstrates practical skills during the examination of a healthy and 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.
Satisfactorily "3"	The applicant does not have sufficient knowledge of the material, takes part in the role play without confidence, demonstrates practical skills during the examination of a healthy and sick child and the interpretation of clinical, laboratory and instrumental research data with significant errors.
Unsatisfactorily "2"	The applicant does not possess the material, does not take part in the role play, does not demonstrate practical skills during the examination of a healthy and 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 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 at seminar classes and during the assessment

. POLICY OF EDUCATIONAL DISCIPLINE

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