

Odessa National Medical University
Faculty of Dentistry
Department of Therapeutic Dentistry

Curriculum course

" Practical training (Nursing)."

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| Amount | 30 hours / 1 credit |
| Semester, year of study | IV semester, 2nd year of study |
| Days, time, place | Department of Therapeutic Dentistry, according to the schedule |
| Teacher (s) | Head departments, prof. Skiba V.Ya., associate professors: Ivchenko N.A, Sedletska A.O, Aksinorska O.I, Goncharuk L.V, Zherebko O.M, Koval S.M, Davidenko O.M, Bass O.A, Goncharenko O.V, Gerasimova I.V, assistants: Strochenko E.A, Chumachenko V.A, Dizik S.V, Tsymbalyuk O.G, Bila N.F, Zolotukhina O.L, Dyadyuro O.V |
| Contact phone | Head of the department, prof. Skiba Vasil Yakovlevich, mobile: 050-552-32-50 |
| E-mail | terstomonmedu@gmail.com |
| Workplace | Department of Therapeutic Dentistry, str.Torgova 15 |
| Consultations | <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 students is carried out according to the schedule in the classrooms and the auditoriums. In the case of distance learning, communications can take place online on the Microsoft Teams platform according to the class schedule.

COURSE ANNOTATION

Subject of study:

Practical training "Nursing" is a training course that allows students to master the necessary theoretical knowledge and learn the skills of a nurse in the therapeutic dental department (dental office). The acquired theoretical knowledge and practical skills will significantly help students in their studies at the next courses and further professional activities.

Course prerequisites: The course is based on previously acquired knowledge by students in human anatomy, histology, embryology and cytology, medical physics, medical chemistry, Latin, philosophy, propaedeutics of internal medicine.

Postrequisites of the course: The study of previous disciplines is integrated with the study of physiology, pharmacology, clinical immunology, internal medicine, general surgery, infectious diseases, medical psychology, therapeutic dentistry, surgical dentistry, orthopedic dentistry, pediatric dentistry, orthodontics.

The aim of the course:The aim of the course practice. "Nursing" is the formation of students' theoretical knowledge and practical skills of a nurse in the therapeutic dental department (dental office).

Tasks of the discipline: To form students' ability to apply knowledge and skills in patient care in the process of further study and in future professional activities.

Expected results: As a result of studying the training course **Practical training** "Nursing" the student **has to know:**

- Organization of the therapeutic department / dental office.
- Functions and responsibilities of medical staff.
- Principles of dental equipment. Ergonomics and safety issues.
- Dental tools for examination and treatment of teeth, their purpose.
- Rules of asepsis and antiseptics.
- Requirements for sterilization of instruments and quality control ;.
- Rules for determining the main indicators of the human body (body temperature, heart rate, blood pressure, etc.).
- Algorithm for providing emergency care to dental patients in the clinic of therapeutic dentistry.
- Rules for filling out medical records.

The student **must be able to:**

- To demonstrate the basic principles of medical ethics.
- To determine the content of patient care and its role in the structure of general therapeutic measures.
- Demonstrate mastery of the skills of medical care and ensuring the sanitary and hygienic regime of the department of therapeutic dentistry / dental office.
- Explain the mechanisms of action of drug treatments on the patient.
- Demonstrate skills of medical manipulations in the clinic of therapeutic dentistry.
- -Sterilize dental instruments.
- Perform quality control of sterilization of dental instruments.
- To prepare for work the workplace of the dentist - the therapist.
- Fill in medical records.
- Demonstrate knowledge of compliance with safety rules in the workplace.
- Demonstrate knowledge of the rules of professional oral hygiene.
- Be able to prepare dental equipment for sanitation.

COURSE DESCRIPTION

Forms and methods of teaching

The course provides for practical classes -30 hours (6 hours of classroom work), organization of extracurricular work of students (24 hours).

Teaching takes place in the form of a Power Point demonstration and explanation, conversation, analysis of new information. During practical classes the theoretical interrogation, the decision of test tasks, situational tasks, working off of practical skills is carried out. It is planned to hold consultations according to the schedule.

Course content practical training "Nursing".

List of topics for students' classroom work:

Topic 1. Introduction to the course Industrial Practice. "Nursing". The purpose and objectives of the training course. Functions and responsibilities of the medical staff of the therapeutic department / dental office.

Topic 2. The concept of medical, sanitary and hospital regimens of the therapeutic department / dental office.

Topic 3. Basic principles of general and special care for dental patients of the therapeutic department / dental office.

List of topics for extracurricular work of students:

Topic 4. Principles of dental equipment. Ergonomics and safety issues. Ways of transmission of infectious diseases at the reception of a dentist-therapist. Preventive measures.

Topic 5. Dental tools for examination and treatment of teeth, their purpose. Modes of sterilization of instruments. Preparation of instruments for sterilization, special solutions, concentrations, algorithm of sterilization of small dental instruments and dental mirrors, storage conditions of sterile instruments.

Topic 6. Medical manipulations at the dental office in the therapeutic department / dental office. Execution algorithms.

Topic 7. The main groups of drugs and filling materials in the therapeutic department / dental office. Indications for use, storage conditions. Rules of registration of medical documentation.

Topic 8. The procedure and rules of work of the medical staff of the therapeutic department with other structural units of the dental institution.

Topic 9. General characteristics of emergencies in the clinic of therapeutic dentistry. Medicines. Algorithm for providing emergency care. Tactics of medical staff.

List of recommended reading:

Basic

1. V. Borysenko, M. Y. Antonenko, A. F. Nesyn // Oral mucosa diseases.- Odessa, 2015.- 328 p.
2. A. V. Borysenko, M. Y. Antonenko, S. A. Shnayder // Dental caries. Pulpitis. Apical periodontitis. Oral sepsis.- Odessa, 2015. – 314 p.
3. H.Devlin. Operative Dentistry.-2006.- 129 p.
4. Daniel W. A new approach to the treatment of fissure caries / W. Daniel // Clinical dentistry. - 2010. - № 1. - C. 34-38.
5. Information-educational site info.onmedu.edu.ua

Additional

1. Bergenholtz G., Horsted-Bingslev P., Reit C. Textbook of Endodontology, ed.2, Chichester: Blackwell Publishing, 2010.
2. Carrotte P. Endodontics. Part 6. Rubber dam and access cavities / P. Carrotte // BDJ. - 2004. - № 197. - P. 527–534.

3. Carrotte P. Helpful hints with rubber dam / P. Carrotte // CPD Dentistry. - 2001. - Vol. 2(3). - P. 82–85.
4. Cohen S., Burns R.C. (eds). Pathway of the pulp, ed.10, St. Louis: CV Mosby, 2010.
5. Devlin H. Operative Dentistry. A Practical Guide to Recent Innovations – 2006. – 129 p.
6. Haapasalo M. Visual Endodontics & Traumatology / M. Haapasalo, S. Fridman //CD.- 2002.
7. Hervás-García A., Martínez-Lozano M.A., Cabanes-Vila J., Barjau-Escribano A., Fos-Galve P. Composite resins. A review of the materials and clinical indications. Med Oral Patol Oral Cir Bucal 2006; 11: E215-20.
8. Hyson J.M. Amalgam: Its history and perils. Jr J Calif Dent Assoc. 2006 Mar; 34(3):215-29.
9. Marshall K. Dental workspace contamination and the role of rubber dam / K. Marshall // CPD Dentistry. - 2001. - Vol. 2. - P. 48–50.
10. Minimal intervention dentistry: a review. FDI Commission Project 1-97 / M. J. Tyas, K. J. Anusavice, J. E. Frencken [et. al.] // International Journal of Dentistry. – 2000. – Vol. 50, № 1. – P. 1-12.
11. Operative Dentistry. Endodontics: in 2 vol.: textbook. Vol 1/ M.Yu. Antonenko, L.F.Sidelnicova, O.F.Nesyn et al.; ed. by Borysenko. – Kyiv: AUS Medicine Publishing, 2016. – 384 p.
12. Rainey J.T. Air abrasion: an emerging standard of care in conservative operative dentistry / J. T. Rainey // Dental Clinics of North America. – 2002. – Vol. 46, № 2. – P. 185-209.
13. Sturdevant's art and science of operative dentistry/ Theodore M. Roberson, Harald O. Heymann, Edward J. Swift, Jr. – ed.4, New York: McGraw-Hill, 2002. – 947 p.

EVALUATION

The Department of Therapeutic Dentistry uses various forms of control of classes in a particular discipline (oral, written, combined, testing, practical skills). The results of students' academic performance are presented in the form of assessment on a national scale, 200-point and ECTS scale and have standardized generalized criteria for assessing knowledge: national scale:

- the grade "excellent" is given to the student who systematically worked during a semester, showed various and deep knowledge of a program material, is able to successfully carry out the tasks provided by the program, has mastered the maintenance of the basic and additional literature, has understood interrelation of separate sections of discipline, their value for the future. profession, showed creative abilities in understanding and using educational material, showed the ability to independently update and replenish knowledge; level of competence - high (creative);
- grade "good" is given to a student who has shown full knowledge of the curriculum, successfully completes the tasks provided by the program, mastered the basic literature recommended by the program, showed a sufficient level of knowledge of

the discipline and is able to independently update and renew during further study and professional activities; level of competence - sufficient (constructive-variable);
– the grade "satisfactory" is given to the student who has shown knowledge of the basic educational program material in the volume necessary for the further training and the subsequent work on a profession, copes with performance of the tasks provided by the program, has made separate mistakes in answers at performance of tasks. overcoming mistakes under the guidance of a research and teaching staff; level of competence - average (reproductive);

– the grade "unsatisfactory" is given to the student who did not show sufficient knowledge of the basic educational program material, made fundamental mistakes in performance of the tasks provided by the program, cannot use the knowledge at the further training without the teacher's help, failed to master skills of independent work; level of competence - low (receptive-productive).

The multi-point scale characterizes the actual success of each student in mastering the discipline. Conversion of the traditional grade from the discipline to 200-point is performed by the information and computer center of the university program "Contingent" by the formula: average grade point average (current / from the discipline) x 40 national grade point average "5" 185-200 "4" 151-184 "3" 120-150

The ECTS rating scale evaluates the achievements of students in the discipline who study in one course of one specialty, according to their scores, by ranking, namely: ECTS score Statistical indicator "A" best 10% of students "B" next 25% of students "C" »Next 30% of students« D »next 25% of students« E »last 10% of students.

The ECTS scale establishes the student's belonging to the group of the best or worst among the reference group of classmates (faculty, specialty), ie his rating. When converting from a multi-point scale, as a rule, the limits of grades "A", "B", "C", "D", "E" do not coincide with the limits of grades "5", "4", "3" on the traditional scale. Grade "A" on the ECTS scale cannot be equal to grade "excellent", and grade "B" - grade "good" and so on. Students who receive grades "Fx" and "F" ("2") are not included in the list of ranked students.

Such students automatically receive a score of "E" after re-assembly. The grade "Fx" is given to students who have scored the minimum number of points for the current educational activity, but who have not been credited with the final control.

Grade "F" is given to students who have attended all classes in the discipline, but did not score an average score (3.00) for current academic activities and are not admitted to the final control.

Current success. Evaluation of the success of studying the topics of the discipline is performed on a traditional 4-point scale. At the practical lesson, students will be interviewed at least once in 2-3 practical classes (no more than 75% of students). At the end of the course, the current performance is calculated - the average current score (the arithmetic mean of all current grades on a traditional scale, rounded to two decimal places).

In the last practical lesson, the teacher provides information to students on the results of their current academic performance and academic debt (if any), as well as in the implementation of the curriculum in the discipline fills in the student's record book.

To increase the average score in the discipline, the current grades "3" or "4" are not rearranged.

Semester test. Assessment of students' performance in the discipline, the study of which is provided for two or more semesters, is based on the results of their current performance. Semester credit is given to students who have attended all types of classes in the discipline in the current semester (there are no absences of lectures and practical classes). The average score is not calculated during the semester test. For such students, the teacher is obliged to put "enrolled" in the student's record book in the last lesson of the discipline in the semester.

Final credit. Students who have fully completed the curriculum in the discipline do not have academic debt, their average score of current performance is 3.00 or more, in the last class receive a credit, which is set as "passed" / "not credited". Conversion of a traditional national score to a multi-point score (maximum 200 points) is required. If a student receives a minimum grade point average of 3.00 for current performance, even if there are unsatisfactory grades, he receives a credit for the discipline. At the end of the discipline, which ends with the exam, only those students who have completed all types of work provided for in the curriculum (do not have passes) are admitted to the final certification, their average score for the current academic activity is 3.00 and more.

Independent work of students. Students' independent work is regulated by the curriculum and is performed by students independently according to calendar-topic plans. Quality control of students' independent work is carried out in practical classes and during a differentiated test.

COURSE POLICY

The student must master the theoretical knowledge of the course, attend all types and forms of classes provided by the curriculum, perform all types of educational tasks, master practical skills, make all kinds of control of the level of knowledge, fill in the "Diary of practical training" and the final report.

Deadline policy:

Missed practical classes are completed by students according to the schedule of missed classes for the next teacher (every Wednesday and Saturday within the academic semester).

Academic Integrity Policy:

It is unacceptable in educational activities to use prohibited aids or technical means (cheat sheets, headphones, telephones, smartphones, etc.) when compiling a differentiated test; passing of procedures of control of results of training by fictitious persons.

Attendance and lateness policy:

Students are required to attend all classes. Missed practical classes and lectures the student must work off for 2 weeks.

Mobile devices:

It is allowed to use a smartphone or other devices with the permission of the teacher.

Audience behavior:

Communication is friendly, creative, open to constructive criticism. There is an active business atmosphere in the audience.