

MINISTRY OF HEALTH PROTECTION OF UKRAINE

ODESSA NATIONAL MEDICAL UNIVERSITY

Faculty of dentistry, international

Department of therapeutic dentistry

Course syllabus

"Production Practice (Nursing)"

<b>Institution of higher education, faculty, department</b>	ODESSA NATIONAL MEDICAL UNIVERSITY Faculty of dentistry, international Department of therapeutic dentistry
<b>The name of the academic discipline</b>	Course "Production Practice (Nursing)"
<b>Scope of the academic discipline</b>	Total number of hours per discipline: 30 hours/ 1.0 credit. Semester IV 2 year of study
<b>Days, time, place of educational discipline</b>	According to the schedule of classes, the Department of Therapeutic Stomatology, str. Torgova, 15; St. Pishonivska, 1.
<b>Teachers</b>	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
<b>Contact information</b>	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

### Subject of discipline study

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

Course prerequisites: The study of the program is based on previously acquired knowledge of human anatomy, histology, embryology and cytology, medical physics, medical chemistry, Latin language, philosophy, foreign language.

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 purpose of studying the discipline "Industrial Practice (Nursing)" is the formation of students' theoretical knowledge and practical skills of a nurse in a therapeutic dental department (dental office).

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

Expected results: As a result of studying the academic discipline "Industrial Practice (Nursing)" the student should know:

- Organization of the work of the therapeutic department/dental office.
- Functions and duties of medical personnel.
- Principles of operation of dental equipment. Issues of ergonomics and safety technology.
- Dental instruments for examination and treatment of teeth, their purpose.
- Rules of asepsis and antiseptics.
- Requirements for instrument sterilization and quality control;

- Rules for determining the main indicators of the human body (body temperature, pulse, blood pressure, etc.).
- Algorithm for providing emergency care to dental patients in the clinic of therapeutic dentistry.
- Rules for filling out medical documentation.

The student should be able to:

- Demonstrate mastery of basic principles of medical deontology.
- Determine the content of patient care and its role in the structure of general therapeutic measures.
- Demonstrate mastery of the skills of compliance with the medical and protective and sanitary and hygienic regime of the department of therapeutic dentistry/dental office.
- To explain the mechanisms of influence of medical procedures on the patient's body.
- To demonstrate the skills of conducting medical manipulations in the clinic of therapeutic stomatology.
- Carry out sterilization of dental instruments.
- Carry out quality control of sterilization of dental instruments.
- To prepare the workplace of a dentist-therapist for work.
- Fill out the medical documentation.
- Demonstrate knowledge of compliance with safety regulations at the workplace.

Demonstrate knowledge of the rules of professional oral hygiene.

Be able to prepare dental equipment for sanitary processing.

## DESCRIPTION OF THE EDUCATIONAL DISCIPLINE

### Forms and methods of education

The course involves 30 hours of practical classes (10 hours of classroom work, 20 hours of students' extracurricular work).

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, solving test tasks, situational tasks, practicing practical skills. Consultations are planned according to the schedule.

Content of the course "Production Practice (Nursing)".

List of topics from students' classroom work:

Topic 1. Familiarization with the Production practice course "Nursing". The purpose and objectives of the training course. The concept of medical and protective, sanitary and hospital regimes of the therapeutic department/dental office.

Topic 2. Functions and duties of the medical staff of the therapeutic department/dental office.

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

Topic 4. Principles of operation of dental equipment. Issues of ergonomics and safety technology. Ways of transmission of infectious diseases at the reception of a dentist-therapist. Preventive measures.

Topic 5. Medical manipulations at a dental appointment in a therapeutic department/dental office. Execution algorithms.

List of topics from extracurricular work of students:

Topic 6. Dental instruments for examination and treatment of teeth, their purpose. Instrument sterilization modes. Preparation of instruments for sterilization, special solutions, concentrations, basic methods of pre-sterilization cleaning.

Topic 7. Definition and content of asepsis and antiseptics. Antiseptic methods. Types, purpose, rules for using dental instruments. Classification of the main sections of disinfection. types and methods of disinfection. Methods of conducting air, steam, chemical sterilization methods: devices, regimes, quality control.

Topic 8. Main groups of medical preparations and filling materials in the therapeutic department/dental office. Indications for use, storage conditions. Rules for issuing medical documentation.

Topic 9. Procedure and rules of work of the medical staff of the therapeutic department with other structural subdivisions of the dental institution.

Topic 10. General characteristics of emergency conditions in the clinic of therapeutic stomatology. Medicinal products. Algorithm for providing emergency care. Tactics of medical personnel.

List of recommended literature:

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. Pulpit. 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., Vasylchuk 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.

## 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.