

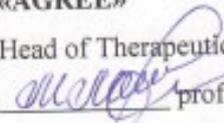
NATIONAL PIROGOV MEMORIAL MEDICAL UNIVERSITY, VINNYTSYA

«APPROVE»

Vice-Rector of HEI of Scientific, Academic and
Therapeutic Affairs


Vasyi POGORILYI
«19» 01 2024 y.

«AGREE»

Head of Therapeutic Dentistry Department

professor of HEI

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«18» 01 2024 y.

SYLLABUS
OF EDUCATIONAL DISCIPLINE
INDUSTRIAL DENTAL PRACTICE

Specialty	221 Dentistry
Educational level	Master's degree
Educational program	EPP "Dentistry", 2023
Academic year	2023-2024
Department	Therapeutic Dentistry
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Syllabus developer	Olha Pylypiuk, Candidate of Medical Sciences, Associate Professor of HEI Nataliia GADZHULA, Candidate of Medical Sciences, Associate Professor of HEI

1. Status and structure of the discipline

Discipline status	Obligatory
Discipline code in EPP / discipline place in EPP	OK 51 // discipline of professional training
Course, semester	4 course (VIII semester)
Scope of the discipline (total number of hours / number of ECTS credits)	60 hours / 2.0 credits ECTS
Number of content modules	1 module
The structure of the discipline	Practical classes – 60 hours
Teaching language	English
Form of study	Full-time (or on-line by order)

2. Description of the discipline

Short annotation of the course, relevance

Industrial dental practice is an educational discipline consisting of therapeutic, orthopedic and surgical dentistry and is a mandatory component of successful mastery of practical professional training for future dentists.

The mastering of the “Industrial Dental Practice” module in therapeutic dentistry is aimed at mastering theoretical issues and practical skills regarding periodontal diseases, namely the study of methods of preserving the health of teeth, organs and tissues of the oral cavity, restoring physiological function and preventing of periodontal diseases.

The program is aimed at gaining knowledge about the etiology, pathogenesis, clinical manifestations of periodontal diseases (gingivitis, periodontitis, periodontosis), methods of their treatment, as well as national and individual preventive measures, formation of skills in the examination of a dental patient with periodontal pathology, identification of leading syndromes and symptoms, justification and formulation of the previous diagnosis; the ability to analyze the results of the examination of a dental patient and carry out differential diagnosis, make a final diagnosis of the main periodontal diseases, carry out treatment of gingivitis, periodontitis, periodontosis, identify various clinical options and complications of these diseases, carry out their primary and secondary prevention.

Carry out diagnostics and prevention of emergency situations, be able to fill in basic accounting and reporting documentation.

Prerequisite

- Human anatomy (clinical features of the structure of the teeth, periodontium, oral mucosa and oral organs)
- Histology, cytology and embryology (histological features of the structure of teeth, periodontium, oral mucosa, embryogenesis of oral organs)
- Bioorganic and biological chemistry (biochemical and biophysical processes in hard and soft tissues of the oral cavity)
- Pathological anatomy (pathomorphological signs of diseases of the oral cavity)
- Physiology (physiological processes occurring in the hard and soft tissues of the oral cavity, the transmission of pain impulse through the hard tooth tissues)
- Pathophysiology (pathological processes occurring in the hard and soft tissues of the oral cavity)
- Microbiology, virology and immunology (methods of microbiological research, microflora of the oral cavity in normal and pathological conditions)

The purpose of the course and its importance for professional activity

The purpose of industrial dental practice is to verify and consolidate the knowledge and practical skills of the preventive work of a dentist and a dental therapist, obtained by students in accordance with the educational professional program of the second (Master’s) level of higher education in the field of knowledge 22 – “Health care”, specialty 221 – “Dentistry”.

Competences and learning outcomes, the formation of which is facilitated by the discipline. According to the requirements of the educational-professional program of the second (Master's) level of knowledge 22 "Health", specialty 221 "Dentistry", educational program "Dentistry" discipline "Industrial dental practice" provides students with the following competencies:

- Integral (IC): Ability to solve complex problems and problems in the field of health care in the specialty "Dentistry" in a professional activity or in the learning process, which involves research and / or innovation and is characterized by uncertainty of conditions and requirements.

- General competencies (GC):

GC 1. Ability to abstract thinking, analysis and synthesis.

GC 2. Knowledge and understanding of the subject area and understanding of professional activity.

GC 3. Ability to apply knowledge in practice.

GC 5. Ability to communicate in English.

GC 6. Skills in the use of information and communication technologies.

GC 7. Ability to search, process and analyse information from various sources.

GC 8. Ability to adapt and act in a new situation.

GC 9. Ability to identify, pose and solve problems.

GC 10. Ability to be critical and self-critical.

GC 11. Ability to work in a team.

GC 12. Striving to preserve the environment.

GC 13. Ability to act socially responsible and consciously.

GC 14. The ability to realize one's rights and responsibilities as a member of society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, the rights and freedoms of a person and a citizen in Ukraine.

GC 15. The ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies, to use various types and forms of motor activity for active recreation and leading a healthy lifestyle.

- Special (professional):

SC 1. Ability to collect medical information about the patient and analyze clinical data.

SC 2. Ability to interpret the results of laboratory and instrumental methods of research.

SC 3. Ability to diagnose: determine the preliminary, clinical, final, concomitant diagnosis, emergencies.

SC 4. Ability to plan and carry out measures for the prevention of diseases of the organs and tissues of the oral cavity and maxillofacial area.

SC 5. Ability to design the process of providing medical care: define approaches, plan, types and principles of treatment of diseases of organs and tissues of the oral cavity and maxillofacial area.

SC 6. The ability to determine a rational regimen of work, rest, and diet in patients in the treatment of diseases of the organs and tissues of the oral cavity and maxillofacial region.

SC 7. The ability to determine the management tactics of patients with diseases of organs and tissues of the oral cavity and maxillofacial region with accompanying somatic diseases.

SC 8. Ability to perform medical and dental manipulations.

SC 9. The ability to treat the main diseases of the organs and tissues of the oral cavity and maxillofacial area.

SC 10. Ability to organize and carry out medical evacuation measures.

SC 11. Ability to determine tactics, methods and provision of emergency medical aid.

SC 12. Ability to organize and conduct a screening examination in dentistry.

SC 13. The ability to assess the impact of the environment on health population (individual, family, population)

SC 14. Ability to maintain regulatory medical documentation.

SC 15. Processing of state, social and medical information.

SC 16. Ability to organize and carry out rehabilitation measures and care for patients with diseases of the oral cavity and facial-jaw system.

SC 17. The ability to legally secure one's own professional activity.

SC 18. The ability to provide medical care according to the protocols of tactical medicine.

Postrequisites:

Industrial dental practice consists in practicing dental manipulations covering the entire range of preventive work of a dentist, medical and dental manipulations of a dental therapist's assistant, which are based on issues of etiology, pathogenesis, clinical manifestations of periodontal diseases and methods of their treatment, as well as national and individual preventive measures to prevent the most common diseases.

2. Learning outcomes

Passing of "Industrial dental practice" lays the foundation for the further formation of integrative final program learning results according to the educational and professional program of the second (Master's) level of the field of knowledge 22 "Health care", specialty 221 "Dentistry", the educational program "Dentistry", namely:

PRT 1. To highlight and identify the leading clinical symptoms and syndromes (according to the list 1 - 3. 6. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 22. 23. 24. 25. 26 27. 28. 29. 30. 33. 34. 35. 36. 39. 40. 41. 42. 43. 44. 46. 47. 48. 49. 51. 52); according to standard methods, using preliminary data of the patient's history, data of the patient's examination, knowledge about the person, his organs and system, establish a probable nosological or syndromic preliminary clinical diagnosis of dental disease (according to list 2 – section 1).

PRT 2. To collect information about the general condition of the patient, evaluate psychomotor and the physical development of the patient, the condition of the maxillofacial organs, based on the results of laboratory and instrumental studies to evaluate information about the diagnosis (for list 5 – 2. 3. 6. 7. 8. 9. 11. 12. 13. 14).

PRT 3. To assign and analyze additional (mandatory and optional) methods examination (laboratory, X-ray, functional and/or instrumental) for list 5 - 2. 3. 6. 7. 8. 9. 11. 12. 13. 14, patients with diseases of organs and tissues oral cavity and maxillofacial area for differential diagnosis diseases (according to list 2, section 1).

PRT 4. To determine the final clinical diagnosis in accordance with the relevant ethical and legal norms, by making a reasoned decision and logical analysis received subjective and objective data of clinical, additional examination, carrying out differential diagnostics under the control of the supervising physician in the conditions medical institution (according to list 2.1. namely subsection A and B).

PRT 5. To establish a diagnosis of emergency conditions under any circumstances (at home, on street, in a medical institution), in conditions of emergency, martial law, shortage information and limited time (according to list 4 – 2. 8. 13. 18).

PRT 6. To plan and implement dental disease prevention measures among population to prevent the spread of dental diseases.

PRT 7. To analyze the epidemiological situation and carry out mass and individual measures, general and local drug and non-drug prevention dental diseases.

PRT 8. To determine the approach, plan, type and principle of treatment of dental disease (according to list 2, section 1) by making a reasoned decision according to the existing algorithms and standard schemes.

PRT 9. To determine the nature of the regime of work, rest and the necessary diet during treatment dental diseases (according to list 2, section 1) on the basis of previous or final clinical diagnosis by making a reasoned decision based on the existing algorithms and standard schemes.

PRT 10. To determine the tactics of managing a dental patient with somatic pathology (according to list 3 – the entire section) by making a reasoned decision according to the existing algorithms and standard schemes.

PRT 11. To treat the main dental diseases according to the existing algorithms and standard schemes under the control of the supervising physician in the conditions medical institution (according to list 2.1).

PRT 13. To determine the tactics of providing emergency medical care, using recommended algorithms, under any circumstances based on the diagnosis of an emergency in conditions of limited time (according to list 4, namely 2, 8, 10, 13, 18).

PRT 15. To assess the impact of the environment on the state of health of the population under the conditions of a medical institution according to standard methods.

PRT 19. To comply with the requirements of ethics, bioethics and deontology in their professional activity.

PRT 20. To organize the necessary level of individual safety (own and the persons cared for) in case of typical dangerous situations in the individual field of activity.

PRT 21. To perform medical manipulations on the basis of preliminary and/or final clinical diagnosis (according to lists 2, 2.1) for different segments of the population and in different conditions (according to list 6. namely 4. 8. 9).

PRT 22. To perform medical dental manipulations on the basis of previous and/or of the final clinical diagnosis (according to lists 2, section 1, 2.1) for different segments of the population and in different conditions (according to list 7. Namely, 2. 3. 4, 6, 10, 11, 12, 13, 14, 15, 21, 22, 23, 28, 29, 30, 32, 33, 34, 36, 37, 45).

PRT 23. To perform emergency medical aid manipulations using standard schemes, under any circumstances based on the diagnosis of an emergency condition (for list 4) in limited time (according to lists 6 – items 8, 9, 7 – namely 3, 4, 10. 11. 12, 13, 14, 15, 20, 21, 22, 23, 28. 29, 30, 32, 33, 34, 36, 37, 39, 45).

Learning outcomes for the discipline:

Learning outcomes for “Industrial dental practice”, Module 1. Industrial dental practice in the prevention of dental diseases.

Upon completion of the discipline “Industrial medical practice” after the 4rd year students should **know:**

- classification of periodontal diseases;
- basic methods of examination of dental patients;
- clinical and X-ray signs of periodontal diseases;
- basic clinical and biochemical indicators of the norm of biological fluids of the human body;
- principles of differential diagnosis of periodontal tissue diseases;
- principles and stages of treatment of patients with periodontal pathology;
- types, levels and measures of prevention of periodontal diseases;
- main signs of emergency conditions at a dental appointment and under any circumstances (at home, on the street, in a medical institution);
- tactics, algorithms for providing emergency medical care at a dental appointment and under any circumstances under limited time conditions.

be able:

- carry out an examination of a dental patient with periodontal tissue pathology;
- analyze changes in the structure of the periodontium associated with age and pathological conditions;
- substantiate and formulate a preliminary diagnosis;
- carry out differential diagnosis;
- analyze the results of the examination of a dental patient with periodontal pathology;
- determine the clinical diagnosis of the main periodontal diseases;
- determine the nature and principles of treatment the patients with pathology of periodontal tissues in the clinic of therapeutic dentistry;
- carry out primary and secondary prevention of periodontal diseases in the clinic of therapeutic dentistry.
- to determine the necessary regimen of work and diet in the treatment of patients with periodontal diseases;
- determine the diagnosis of an emergency;
- determine the tactics and provision of emergency medical assistance.

Be able to demonstrate: knowledge and practical skills in the discipline

Have the skills to: carry out an examination of a patient with periodontal diseases, determine a preliminary and final diagnosis, carry out treatment of a patient with periodontal diseases.

independently decide: the ability to apply the acquired basic knowledge when evaluating the results of laboratory and instrumental examination methods and establishing a clinical diagnosis of dental disease.

4. CONTENT LOGISTICS OF THE DISCIPLINE

Structure of	Number of hours		
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educational discipline	Total	Auditory		SWS	Year of study	Type of control
		lectures	Practical classes			
	60					
Credits ECTS	2,0	-	60	-		
Module 1. Industrial dental practice in therapeutic dentistry	60 hours/ 2.0 ECTS credits	-	60	-	IV	Differential credit

The program of discipline “Industrial dental practice” in the 4th year of study is structured into 3 modules:

Module 1. Industrial dental practice in therapeutic dentistry.

Module 2. Industrial dental practice in orthopedic dentistry.

Module 3. Industrial dental practice in surgical dentistry.

Topics of practical classes

Module 1. Industrial dental practice in therapeutic dentistry

Topic 1. Principles of organization of periodontal office (department). Safety at work in the dental office. Accounting and reporting documentation of the dentist-therapist. Rules of registration and accounting documentation. Standards of ethics and deontology when working with dental patients. Asepsis and antiseptics. Sterilization and care of dental instruments. Prevention of emergencies in the clinic of therapeutic dentistry (dizziness, loss of consciousness, hypertensive crisis, urticaria, anaphylactic shock, etc.). Identify the leading symptoms and provide emergency care. Assessment of the condition of the dental patient. Filling out the main reporting documentation.

Topic 2. Admission of patients. Examination methods. Carrying out the main clinical methods of examination of patients with periodontal diseases (questioning – clarification of complaints, medical history, life history; examination – extraoral, examination of the vestibule, proper oral cavity, dentition, gums. Areas of gingival attachment, determining the presence and pocket depth, tooth mobility, furcation, recession, etc.). Evaluation of the obtained results of the clinical examination. Filling out the patient’s outpatient card, reporting documentation: “Industrial practice diary”.

Topic 3. Admission of patients. Special clinical methods for diagnosing periodontal diseases. Index assessment of periodontal tissue condition: hygienic indices – Fedorov-Volodkina and Green-Vermillion, gingival indices and periodontal indices. Evaluation of the results of their implementation. Filling of the accounting and reporting documentation. Admission of patients. Periodontogram. X-ray diagnosis of patients with periodontal tissue pathology. Laboratory methods of examination of patients with periodontal diseases (clinical, biochemical, cytological, microbiological, immunological, morphological). Completing the main reporting documentation: “Industrial practice diary”.

Topic 4. Admission of patients. Functional assessment of the condition of the periodontium and teeth (stomatoscopy, capillaroscopy, VI Kulazhenko test, rheoparodontography). Evaluation of the results of their implementation. Writing of the accounting and reporting documentation. Inflammatory periodontal diseases – papillitis, gingivitis, localized periodontitis. Clinical manifestations, diagnosis. Identification of leading symptoms. Carrying out differential diagnostics. Diagnosis. Determination of methods of treatment of patients. Filling in the accounting and reporting documentation.

Topic 5. Admission of patients. Dystrophic-inflammatory and dystrophic periodontal diseases (generalized periodontitis, periodontosis). Clinical manifestations, diagnosis. Determination of leading symptoms, differential diagnosis. Diagnosis. Substantiation of treatment tactics of the patients. Writing of the accounting and reporting documentation.

Topic 6. Application of general principles of management of periodontal patients. Drawing up a treatment plan for a specific patient with periodontal tissue pathology.

Topic 7. Methods of professional oral hygiene. Method of removal of dental plaque in different ways. Prescribing medicines to patients with periodontal diseases. Practical preparing and use of periodontal

dressings. Filling out an outpatient card of the patient. Methods of closed and open curettage in periodontal patients. Methods of splinting of movable teeth in patients with periodontal pathology. Filling out the patient's outpatient card.

Topic 8. Admission of patients. Practical application of general therapy, taking into account the indications and contraindications for patients with periodontal profile. Determination of pharmacodynamics and pharmacokinetics of recommended drugs and their mechanism of action. Practical application of physiotherapeutic techniques in complex treatment of patients with periodontal pathology. Completing the main reporting documentation: "Industrial practice diary".

Topic 9. Follow-up of patients with periodontal diseases. Use of methods of dispensary accounting in preventive work with periodontal patients. Completing the main reporting documentation: "Industrial practice diary" and "Final report".

Topic 10. Development of practical skills in therapeutic dentistry. Differential credit.

Practical classes involve theoretical substantiation of the main issues of the topic and the acquisition of the following practical skills:

List of theoretical questions for the final control for 4th-year students in the discipline "Industrial dental practice"

1. Basic and auxiliary methods of periodontal diseases diagnosis.
2. X-ray diagnostics of patients with periodontal pathology.
3. Laboratory methods of examining patients with periodontal pathology.
4. Dental plaque. Causes and mechanism of formation. Influence of periodontal tissues.
5. Papillitis. Varieties. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prevention.
6. Catarrhal gingivitis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prevention.
7. Hypertrophic gingivitis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prevention.
8. Necrotizing-ulcerative gingivitis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prevention.
9. Localized periodontitis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prevention.
10. Generalized periodontitis. Etiology, pathogenesis, clinical manifestations, diagnosis, treatment, prevention.
11. General principles of treatment of periodontal patients.
12. General treatment of patients with generalized periodontitis. Varieties. Choice of drugs. Indication.
13. Groups of drugs for local therapy of periodontitis, methods of their use. Mechanism of action.
14. Physical methods of treatment of periodontal patients. Indications, contraindications, methods.
15. Professional oral hygiene products.
16. Splinting of teeth. Indications, methods.
17. Prevention of periodontal diseases (primary, secondary, tertiary).
18. Individual prevention of periodontal diseases.
19. Follow-up the patients with periodontal diseases. Principles. Documentation. Evaluation of effectiveness.
20. Organization and equipment of periodontal office (department).

List of practical skills for testing students at the stage of developing practical skills in "Industrial dental practice" for 4th-year students

1. Demonstrate the technique of determining the Green-Vermillion index (OHI-S), interdental index and plaque-test (Plaque-Test).
2. Demonstrate the technique of determining the indices of RMA, PI by Russell and KPI by Leus, Schiller-Pisarev test.

3. Evaluate the results of general and biochemical blood tests.
4. Demonstrate the technique of conducting a vacuum test and evaluate its results.
5. Fill in the periodontal chart.
6. Apply a desensitizer to the teeth in cervical hyperesthesia.
7. Perform deep fluoridation of permanent tooth enamel.
8. Demonstrate the technique of diathermocoagulation in periodontal diseases.
9. Carry out application anesthesia in the treatment of dental diseases.
10. Carry out infiltrative anesthesia in the treatment of dental diseases.
11. Demonstrate the technique of covering teeth with therapeutic and prophylactic varnishes, gels.
12. Demonstrate the technique of removing dental calculus by ultrasound.
13. Demonstrate the technique of removing dental calculus by hand.
14. Carry out the removal of plaque by air abrasive method.
15. Carry out the removal of dental plaque by sound.
16. Write an algorithm of individual oral hygiene for a patient with a clinically intact periodontium.
17. Write an algorithm of individual oral hygiene for a patient with catarrhal gingivitis.
18. Write an algorithm of individual oral hygiene for a patient with hypertrophic gingivitis.
19. Write an algorithm of individual oral hygiene for a patient with ulcerative necrotizing gingivitis.
20. Write an algorithm of individual oral hygiene for a patient with generalized periodontitis.
21. Write an algorithm of individual oral hygiene for a patient with periodontosis.
22. Write an algorithm for individual oral hygiene for a patient with systemic dental hyperesthesia.
23. Demonstrate the technique of therapeutic treatment of generalized periodontitis by instillation.
24. Prepare a non-hardening bandage on the gums.
25. Prepare a hardening periodontal bandage.
26. Demonstrate the technique of injecting the drug in the treatment of periodontal disease.
27. Demonstrate the technique of selective grinding of teeth to eliminate traumatic occlusion.
28. Align the occlusal curve by grinding teeth.
29. Carry out adhesive splinting of movable teeth in the treatment of periodontitis.
30. Demonstrate the technique of closed curettage of periodontal pockets.

Individual work is not included in the program

Thematic plans, calendar plans of practical classes, a list of practical skills, a list of questions for differential assessment, forms for filling out reporting documentation are published on the website of the department.

Route of obtaining materials: Department of Therapeutic Dentistry / To the student / Full-time study / Dentistry / 4rth year / Teaching and methodical materials / or via the link [https://www.vnmu.edu.ua/department of therapeutic stomatology](https://www.vnmu.edu.ua/department%20of%20therapeutic%20stomatology).

Access to materials is carried out from the student's corporate account s000XXX@vnmu.edu.ua

5. The form of control and evaluation systems

Current control in practical classes	Current control is carried out in accordance with the content and specific goals of each content module. One of the activities of the student and his supervision by the teacher is keeping the Diary of industrial practice (appendix 1), which is filled out by the student every day and signed by the head of the base after the completion of the independent part of the student’s work. At the end of each content module of industrial practice, the student fills out the Final Report on the work performed (Appendix 2)
The final control of each production practice module is a differentiated credit	Methods: oral examination (according to the regulations on the organization of the educational process in National Pirogov Memorial Medical University (link https://www.vnmu.edu.ua/Згаляйнаinformation/Basic documents

Means of diagnostics of learning success	List of practical skills, list of theoretical questions for differential assessment, practical tasks, demonstration of practical skills
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6. Estimation criteria

Assessment of knowledge is carried out in accordance with the Regulations on the Organization of the Educational Process in National Pirogov Memorial Medical University (link [https://www.vnmu.edu.ua/Загальнаінформация/Basic documents](https://www.vnmu.edu.ua/Загальнаінформация/Basic%20documents))

Industrial practice in therapeutic dentistry

Current control	According to the four-point system of traditional grades: 5 “excellent”, 4 “good”, 3 “satisfactory”, 2 “unsatisfactory”
Control of practical skills	According to the four-point system of traditional evaluations
Final control of the discipline	Score for differentiated credit: 71-80 points – “excellent” 61-70 points – “good” 50-60 points – “satisfactory” Less than 50 points – “unsatisfactory” / did not pass
Discipline assessment	Current performance - from 72 to 120 points (conversion of the average traditional grade for practical classes on a 120-point scale): 60% of the grade for the discipline Final control - from 50 to 80 points: 40% of the grade for the discipline A total from 122 to 200 points.

Rating scale: national and ECTS

The sum of points for all types of educational activities	ECTS assessment	Score on a national scale	
		for exam, course project (work), practice	for credit
180-200	A	excellent	credited
170-179,99	B	good	
160-169,99	C		
141-159,99	D	satisfactory	
122-140,99	E	satisfactory	
0-121,99	FX	unsatisfactory with the possibility of reassembly	not credited with the possibility of re-assembly
	F	unsatisfactory with compulsory re-study of the discipline	not credited with compulsory re-study of the discipline

7. Discipline policy

The student has the right to receive quality educational services, access to modern scientific and educational information, qualified counseling during the study of the discipline and the acquisition of practical skills. The policy of the department during the provision of educational services is student-centered, based on the regulations of the Ministry of Education and the Ministry of Health of Ukraine, the university charter and the procedure for providing educational services, regulated by the main provisions of the educational process in National Pirogov Memorial Medical University and the principles of academic integrity.

Compliance with the rules of the National Pirogov Memorial Medical University routine, safety techniques at practical classes

Requirements for preparation for practical classes. The student should come to the practical session on time, theoretically prepared according to the topic. Clothing: medical gown, change of footwear, mask, gloves. During the discussion of the topic of the lesson, observe ethical norms and tolerance. When practicing practical skills, observe the rules of safety and ergonomics.

Use of mobile phones and other electronic devices. The use of mobile phones during a class is prohibited (except in emergency situations to call for help). It is allowed to use the following electronic devices: equipment for multimedia presentation of material, devices for practicing practical skills.

Academic integrity. While studying the discipline, the student should be guided by the Code of Academic Integrity of the National Pirogov Memorial Medical University ([https://www.vnmu.edu.ua/ general information/ Main documents/ Code of Academic Integrity](https://www.vnmu.edu.ua/general-information/Main-documents/Code-of-Academic-Integrity)). In case of violation of the norms of academic integrity (writing off, using a mobile phone during the assessment of knowledge, etc.) during the current and final examinations, the student receives a grade of “2” and must work it out to his teacher in the prescribed manner within two weeks after receiving an unsatisfactory grade.

Missing classes. Missed classes are made up in accordance with the procedure established in the Regulations on the Organization of the Educational Process at National Pirogov Memorial Medical University (link [https://www.vnmu.edu.ua/ General information/Basic documents](https://www.vnmu.edu.ua/General-information/Basic-documents)) at the time determined by the practice schedule (published on the website of the department <https://www.vnmu.edu.ua/therapeuticdentistry> to the teacher on duty. To practice the missed lesson, the student must answer the theoretical questions and complete practical tasks on the missed topic.

The procedure for admission to the final discipline control is given in the Regulations on the Organization of the Educational Process at National Pirogov Memorial Medical University (link [https://www.vnmu.edu.ua/ General information/Main documents](https://www.vnmu.edu.ua/General-information/Main-documents)). Students who have not missed unworked practical classes and have received an average traditional grade of at least “3” are admitted to the final examination.

Resolution of conflict issues. In the event of misunderstandings and claims against the teacher due to the quality of educational services, knowledge assessment and other conflict situations, the student must first notify the teacher of his/her claims. If the conflict issue is not resolved, the student has the right to submit an appeal to the head of the department in accordance with the Regulation on consideration of appeals by applicants for higher education at National Pirogov Memorial Medical University ([https://www.vnmu.edu.ua/ General information/Main documents](https://www.vnmu.edu.ua/General-information/Main-documents)).

Policy in the conditions of distance learning. The distance learning procedure is regulated by the Regulation on the introduction of elements of distance learning at National Pirogov Memorial Medical University ([https://www.vnmu.edu.ua/ General information/Main documents](https://www.vnmu.edu.ua/General-information/Main-documents)). The main training platforms for conducting training sessions are Microsoft Team, Google Meets. The procedure for performing practical classes, exercises and consultations during distance learning is published on the website of the department

(<https://www.vnmuedu.ua/> department of therapeutic dentistry/ To the student or <https://www.vnmuedu.ua/> / Department of Therapeutic Dentistry/ News).

Feedback with the teacher is carried out through messengers (Viber, Telegram, WhatsApp) or e-mail (at the choice of the teacher) during working hours.

1. Educational resources

Educational and methodological support of the discipline is published on the website of the department (<https://www.vnmuedu.ua/кафедра-терапевтичної-стоматології/> / for Students). Consultations are held twice a week according to the consultation schedule.

2. The schedule and distribution of groups by teachers is published on the web page of the department (<https://www.vnmuedu.ua/кафедра-терапевтичної-стоматології/> for Students).

3. Questions for the intermediate and final examinations of the discipline are published on the website of the department (<https://www.vnmuedu.ua/кафедра-терапевтичної-стоматології/> for Students).

The syllabus for the discipline “Industrial dental practice” was discussed and approved at the meeting of the Department of Therapeutic Dentistry _____ (Protocol № 7 dated 18.01. 2024 year

Responsible for discipline _____  Ass. Prof. of HEI Olga PYLYPIUK

Subhead for work with foreign students
of the Department of Therapeutic Dentistry _____  Ass. Prof. of HEI Nataliia GADZHULA

Head of the Department of
Therapeutic Dentistry _____  Prof. of HEI Mariia SHINKARUK-DYKOVYTSKA