

NATIONAL PIROGOV MEMORIAL MEDICAL UNIVERSITY, VINNYTSYA

«APPROVE»

Vice-Rector of HEI of Scientific-Academic  
Affairs and International Relations

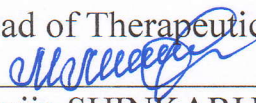
 professor of HEI

Inna ANDRUSHKO

“ 30 ” August 20 24 y.

«AGREE»

Head of Therapeutic Dentistry Department

 professor of HEI

Mariia SHINKARUK-DYKOVYTSKA

“ 26 ” August 20 24 y.

SYLLABUS  
OF EDUCATIONAL DISCIPLINE  
THERAPEUTIC DENTISTRY  
(4 course)

Specialty	221 Dentistry
Educational level	Master
Educational program	EPP «Dentistry», 2022
Academic year	2024-2025
Department	Therapeutic Dentistry
Lecturer	Nataliia Gadzhula, Candidate of Medical Sciences, Associate Professor of HEI Vitalii Vakhovskyi, PhD, Associate Professor of HEI
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Syllabus developer	Nataliia Gadzhula, Candidate of Medical Sciences, Associate Professor of HEI Lina Kovalchuk, 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 31 // discipline of professional training
Course, semester	4 course (VII and VIII semesters)
Scope of the discipline (total number of hours / number of ECTS credits)	98 hours / 3.25 credits ECTS
Number of content modules	3 modules
The structure of the discipline	Lectures – 8 hours Practical classes – 60 hours Independent work – 30 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

The subject of study of the discipline in the IV year is the question of etiology, pathogenesis, clinical manifestations of periodontal diseases, methods of their treatment, as well as national and individual preventive measures.

The program focuses on knowledge of the etiology, pathogenesis, clinical manifestations of periodontal disease, methods of treatment, as well as methods of prevention, skills of examination of dental patients with periodontal disease, identification of leading syndromes and symptoms, justification and formulation of preliminary and final diagnosis; treatment of periodontal diseases and their complications, primary and secondary prevention.

### 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 and oral organs, 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 tissues of the tooth)
- 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 in pathology)
- Clinical pharmacology (knowledge of drugs used in dentistry)
- Internal medicine (methods of examination of the patient, clinical signs of general somatic diseases which can have displays in an oral cavity, features of medical tactics concerning patients with general somatic pathology)
- Propaedeutics of therapeutic dentistry (issues of clinical features of teeth, tissues and organs of the oral cavity, organization and equipment of the dental office, principles, methods and stages of preparation of carious cavities of different localization, composition, properties and methods of dental fillings, endodontic treatment of the cavity channels, materials and methods of their filling).

### **The purpose of the course and its significance for professional activities**

**The purpose** of teaching the discipline "Therapeutic Dentistry (4th year)" in the fourth year of study is to train a dentist who can diagnose, prevent and treat periodontal diseases.

**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 "Therapeutic Dentistry IV course" provides students with the following program competencies:

- integral: IC: Specialized conceptual knowledge, which includes modern scientific achievements in the field of professional activity or field of knowledge and is the basis for original thinking and research, critical understanding of problems in the field and at the border of fields of knowledge.

- General competencies (GC):

GC1. 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 6. Skills in the use of information and communication technologies.

GC 7. Ability to search, process and analyze 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.

- Special competencies (SC):

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 research.

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

SC 4. Ability to plan and implement measures for the prevention of diseases of organs and tissues of the oral cavity and maxillofacial region.

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

SC 6. Ability to determine the rational mode of work, rest, diet in patients in the treatment of diseases of organs and tissues of the oral cavity and maxillofacial region.

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

SC 8. Ability to perform medical and dental manipulations.

SC 9. Ability to treat major diseases of organs and tissues of the oral cavity and maxillofacial region.

SC 12. Ability to organize and carry out screening examinations in dentistry.

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

SC 14. Ability to maintain regulatory medical records.

### **Postrequisite**

Therapeutic dentistry is a fundamental science that integrates with other dental disciplines, namely surgical, orthopedic, pediatric dentistry to develop the ability to apply the acquired knowledge in the process of further study of all clinical disciplines and in future professional activities.

### 3. Learning outcomes

Therapeutic dentistry as a discipline lays the foundation for the further formation of integrative final learning outcomes in accordance with the educational-professional program of the second (master's) level of knowledge \_22 "Health" \_, specialty \_221 "Dentistry" \_, educational program \_ "Dentistry" \_, namely:

**PLO1.** Identify the leading clinical symptoms and syndromes (according to list 1 - 3. 6. 8. 10. 13. 15. 17. 22. 23. 24. 27. 28. 33. 34. 40. 44. 48. 51. 52); according to standard methods, using preliminary history of the patient, examination of the patient, knowledge of the person, his organs and systems, to establish a probable nosological or syndromic preliminary clinical diagnosis of dental disease (according to list 2 - section 1 AB).

**PLO2.** Collect information about the general condition of the patient, assess the psychomotor and physical development of the patient, the condition of the maxillofacial area, based on the results of laboratory and instrumental studies to assess information about the diagnosis (list 5 - 6. 7. 11. 14).

**PLO3.** Prescribe and analyze additional (mandatory and optional) examination methods (laboratory, radiological, functional and / or instrumental) according to the list 5 - 6. 7. 11. 14 patients with diseases of organs and tissues of the oral cavity and maxillofacial region for performing differential diagnosis of diseases (according to the list 2, section 1 AB).

**PLO4.** Determine the final clinical diagnosis in accordance with the relevant ethical and legal norms, by making an informed decision and logical analysis of the obtained subjective and objective data of clinical, additional examination, differential diagnosis under the supervision of a doctor in a medical institution (according to list 2.1, and namely 1, 2, 3, 4).

**PLO5.** To diagnose emergencies under any circumstances (at home, on the street, in a medical institution), in an emergency, martial law, lack of information and limited time (according to list 4 - 2. 8. 13. 18).

**PLO6.** Plan and implement measures for the prevention of dental diseases among the population to prevent the spread of dental diseases.

**PLO7.** Analyze the epidemiological situation and carry out measures of mass and individual, general and local drug and non-drug prevention of dental diseases.

**PLO8.** Determine the approach, plan, type and principle of treatment of dental disease (according to the list 2, section 1 AB) by making an informed decision according to existing algorithms and standard schemes.

**PLO9.** To determine the nature of work, rest and the necessary diet in the treatment of dental diseases (according to the list 2, section 1 AB) on the basis of preliminary or final clinical diagnosis by making an informed decision according to existing algorithms and standard schemes.

**PLO10.** To determine the tactics of managing a dental patient with somatic pathology (according to list 3 - the entire section) by making an informed decision according to existing algorithms and standard schemes.

**PLO11.** To carry out treatment of the basic stomatologic diseases according to existing algorithms and standard schemes under the control of the doctor-head in the conditions of medical institution (according to the list 2.1, namely 1, 2, 3, 4).

**PLO13.** Determine the tactics of emergency medical care, using the recommended algorithms, under any circumstances on the basis of a diagnosis of emergency in a limited time (according to list 4, namely 2, 8, 13, 18).

**PLO15.** Assess the impact of the environment on the health of the population in a medical institution by standard methods.

**PLO19.** Adhere to the requirements of ethics, bioethics and deontology in their professional activities.

**PLO20.** Organize the necessary level of individual safety (own and persons cared for) in case of typical dangerous situations in the individual field of activity.

**PLO21.** Perform medical manipulations on the basis of preliminary and / or final clinical diagnosis (according to list 2, section 1 AB, according to list 2.1, namely 1, 2, 3, 4) for different segments of the population and in different conditions (according to list 6 namely 4. 8. 9).

**PLO22.** Perform medical dental manipulations on the basis of preliminary and / or final clinical diagnosis (according to list 2, section 1 A, B, according to list 2.1, namely 1, 2, 3, 4) for different segments of the population and in different conditions (according to list 7, namely 2, 11, 13, 24, 29, 30, 33, 34, 46).

**PLO23.** Perform manipulations of emergency medical care, using standard schemes, under any circumstances on the basis of a diagnosis of emergency (according to list 4, namely 2, 8, 13, 18) for a limited time (according to list 6. namely 4. 8. 9, after list 7, namely 2. 3. 7, 11, 12, 13, 14, 16, 24, 29, 30, 31, 33, 34, 37, 38, 46).

### **Learning outcomes of the discipline:**

Upon completion of the discipline "Therapeutic Dentistry" after the 4th year students should **know**:

- Clinical features of the anatomical and histological structure of the periodontium
- Classification of periodontal diseases
- The main methods of examination of dental patients
- Clinical signs of periodontal disease
- The main clinical and biochemical indicators of the norm of biological fluids of the human body
- Principles of differential diagnosis of periodontal diseases
- Principles and stages of treatment of periodontal patients
- Types, levels and measures for the prevention of periodontal disease
- The main signs of emergencies at the dentist's office and under any circumstances (at home, on the street. In a medical institution)
- Tactics, algorithms for providing emergency medical care at the dental office and under any circumstances for a limited time

### ***be able:***

- to examine the dental patient;
- to analyze changes in the structure of the periodontium related to age and pathological conditions;
- to substantiate and formulate a preliminary diagnosis;
- to carry out differential diagnostics;
- to analyze the results of the examination of a dental patient;
- to make a clinical diagnosis of periodontal disease;
- to detect and identify manifestations of somatic, infectious diseases in the oral cavity
- to determine the nature and principles of treatment of patients with periodontal pathology;
- to identify different clinical variants and complications of periodontal disease;
- to carry out primary and secondary prevention of these diseases;
- to determine the necessary mode of work and diet in the treatment of periodontal disease;
- to diagnose an emergency;
- to determine the tactics and provision of emergency medical care;
- to organize medical and evacuation measures.

#### 4. CONTENT AND LOGISTICS OF THE DISCIPLINE

<b>Module 3. «Periodontal diseases»</b>	VII-VIII семестр 98 hours/ 3.25 credits	Lectures № 1-4 Practical classes № 1-29 Topics for self-study № 1
Content modules are 3.	ECTS	

The discipline includes 4 lectures, 29 topics of practical classes, which are divided into 3 thematic modules.

##### **Topics of practical classes**

##### **Module 3. Periodontal diseases.**

##### ***Content module 5 “Peculiarities of examination of patients with periodontal pathology. Systematics of periodontal diseases”***

Topic 1. Concept of periodontology. Organization of periodontal care for patients. Ergonomics in the work of a dentist during periodontological appointment. Safety measures.

Topic 2. Structure and function of periodontium. Age-related changes of periodontal tissues.

Topic 3. Classification of periodontal diseases (M.F. Danylevskiy, 1994; ICD-10, 1978; International classification EFP and AAP, 2017). Positive qualities and negative aspects.

Topic 4. Clinical methods of examination the patients with periodontal diseases. Index assessment of periodontal tissues and oral hygiene.

Topic 5. X-ray diagnosis of periodontal diseases.

Topic 6. Functional and laboratory methods of examination the patients with periodontal diseases.

Topic 7. Errors and complications in the diagnostics of periodontal diseases.

##### ***Content module 6 “Clinical manifestations and diagnostics of periodontal diseases”***

Topic 8. Etiology and pathogenesis of inflammatory, dystrophic-inflammatory and dystrophic periodontal diseases. The role of local and systemic pathogenic factors. Mechanism of gingival and periodontal pocket formation.

Topic 9. Papillitis. Classification, clinical manifestations, diagnostics, treatment and prevention.

Topic 10. Catarrhal gingivitis. Classification, clinical manifestations, diagnostics, differential diagnostics.

Topic 11. Hypertrophic gingivitis. Classification, clinical manifestations, diagnostics, differential diagnostics.

Topic 12. Necrotizing-ulcerative gingivitis. Classification, clinical manifestations, diagnostics, differential diagnostics.

Topic 13. Clinical manifestations of localized periodontitis. X-ray, functional and laboratory examination of patients with localized periodontitis.

Topic 14. Clinical manifestations of generalized periodontitis. X-ray, functional and laboratory examination of patients with generalized periodontitis.

Topic 15. Clinical manifestations, diagnostics, differential diagnostics of periodontosis. X-ray, functional and laboratory examination of patients with periodontosis.

Topic 16. Clinical manifestations, diagnostics, differential diagnostics of progressive idiopathic periodontal diseases. X-ray, functional and laboratory examination of patients with idiopathic periodontal diseases.

Topic 17. Clinical manifestations, diagnosis of peri-implant diseases (mucositis, peri-implantitis). X-ray, functional and laboratory examination of patients with peri-implant diseases. Credit.

### ***Content module 7 “Treatment and prevention in periodontal patients”***

Topic 18. General principles and stages of treatment the patients with periodontal diseases. Drawing up a treatment plan.

Topic 19. Professional oral hygiene, its components, professional oral hygiene products. A manual method of dental deposits removal. List of tools, rules of work.

Topic 20. Apparatus, chemical and combined methods of removing the dental calculus. Rules of work with devices, contraindications. Advantages and disadvantages of each method.

Topic 21. Topical drug treatment of periodontal diseases, groups of medicines, methods of using, indications.

Topic 22. Surgical methods of treatment of periodontal diseases (gingival, mucogingival, osteomuco-gingival, aesthetic, regenerative operations).

Topic 23. Orthopedic and orthodontic intervention in periodontal diseases.

Topic 24. General pharmacotherapy of patients with periodontal diseases. Indications, groups of medicines, treatment regimens, writing of prescriptions of drugs.

Topic 25. Supportive therapy for the patients with generalized periodontitis and periodontosis. Physiotherapy methods of treatment the patients with periodontal diseases.

Topic 26. Treatment algorithm for patients with inflammatory, inflammatory-dystrophic and dystrophic periodontal diseases.

Topic 27. Peculiarities of treatment the patients with periodontal diseases on the background of diseases of internal organs. Errors and complications in the treatment of periodontal diseases.

Topic 28. Prevention of periodontal diseases. Etiological and pathogenic approaches to prevention, their types, forms of organization, methods of prevention.

Topic 29. Algorithm of individual oral hygiene in different conditions of periodontal tissues. Dispensary examination of persons with periodontal diseases.

### **Topics of lectures**

Topic 1. Concept of periodontology as a science. Anatomic and physiological features of periodontium. Methods of examination of periodontal patients. Classifications of periodontal diseases.

Topic 2. Etiology and pathogenesis of periodontal diseases.

Topic 3. Clinical manifestations, diagnosis of periodontal diseases.

Topic 4. Treatment of periodontal patients, local interventions in the oral cavity.

## **Thematic plan for independent work**

Topic 1. Treatment of the patients with diseases of peri-implant tissues.

Practical classes provide a theoretical justification of the main issues of the topic and the acquisition of the following practical skills:

### **List of practical skills in the discipline “Therapeutic dentistry”**

1. To work with dental equipment and tools, to be able to sterilize them.
2. Make a report and accounting records of dentist and analyze quantitative and qualitative indicators of a doctor on the therapeutic administration.
3. Carry out a clinical examination of patients with pathology of periodontal tissues, properly arrange medical history, a plan of examination and treatment of the patient.
4. Determine the index of oral hygiene and evaluate them.
5. Define indexes PMA, PI, KPI, CPITN, Schiller-Pysaryev, bleeding index and be able to analyze them.
6. To determine MA Yasynovskyi test, functional methods of examination of a periodontal patient and be able to evaluate them.
7. Be able to analyze the radiographs of teeth, periodontal tissues.
8. Be able to analyze clinical and biochemical blood tests.
10. To draw up the accounting documentation of the dentist.
11. Carry out a clinical examination of patients with pathology of periodontal tissues, properly arrange medical history, a plan of examination and treatment of the patient.
12. To determine the index of oral hygiene and evaluate them.
13. To define indexes PMA, PI, KPI, CPITN, Schiller-Pysaryev, bleeding index and be able to analyze them.
14. Make a plan for additional examination of a patient with periodontal pathology.
15. Take material for cytological and bacteriological examinations in the presence of pathological changes in periodontal tissues.
16. Be able to analyze radiographs of teeth, periodontium; results of functional examination.
17. Analyze the results of cytological, histological, bacteriological examination of the patient, clinical analysis of blood, urine, biochemical analysis of blood.
18. Make a treatment plan for a patient with periodontal disease.
19. Carry out professional oral hygiene.
20. Perform selective grinding and alignment of the occlusal surface of the teeth.
21. Carry out irrigation, instillation and application of drugs.
22. Apply non-hardening and hardening bandages in the treatment of periodontal disease.
23. Perform an autopsy of a periodontal abscess.
24. Perform curettage of periodontal pockets.
25. Perform diathermocoagulation in the treatment of periodontal disease and oral mucosa.
26. Carry out intradental electrophoresis, vacuum massage.
27. Prescribe drugs and prescribe physiotherapy.
28. To give recommendations for oral hygiene.

The student's independent work involves preparation for practical classes and intermediate tests, study of topics for independent extracurricular work, preparation of presentations, tables. Control of mastering the topics of independent extracurricular work is carried out in practical classes and final control of the discipline.

Individual work includes the study of scientific literature, preparation of reviews on the topics provided for presentation at meetings of the student scientific group, the implementation of



scientific and practical research, participation in specialized competitions, scientific and practical conferences, competitions of student research papers.

Thematic plans of lectures, calendar plans of practical classes, thematic plan of independent extracurricular work, volume and directions of individual work are published on the site of the department.

Route of receiving materials: Department of Therapeutic Dentistry / Student / Full-time study / Dentistry / 4th year / Teaching materials / or at the link [https://www.vnmu.edu.ua/deepartment of therapeutic dentistry](https://www.vnmu.edu.ua/deepartment%20of%20therapeutic%20dentistry).

Access to materials is provided from the student's corporate account [s000XXX@vnmu.edu.ua](mailto:s000XXX@vnmu.edu.ua)

## 5. Forms and methods of monitoring learning success

Current control in practical classes	Methods: oral examination; written survey; test control; solving situational problems; structured according to the procedure control of practical skills and abilities in accordance with the list of practical skills for each lesson.
Control of mastering the thematic section of the discipline at intermediate control classes	Methods: oral or written questioning, electronic testing, solving situational problems, control of practical skills
Final semester control (credit) at the end of the third semester	According to the regulations on the organization of the educational process in National Pirogov Memorial Medical University, Vinnytsya (link <a href="https://www.vnmu.edu.ua/General%20information%20Basic%20documents">https://www.vnmu.edu.ua/General information / Basic documents</a> )
Final control of the discipline – differentiated credit	Methods: oral examination (according to the regulations on the organization of the educational process in National Pirogov Memorial Medical University, Vinnytsya (link <a href="https://www.vnmu.edu.ua/General%20information%20Basic%20documents">https://www.vnmu.edu.ua/General information / Basic documents</a> )
Tools for diagnosing learning success	Theoretical questions, tests, clinically-oriented situational tasks, practical tasks, demonstration of practical skills.

## 6. Evaluation 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, Vinnytsya (link [https://www.vnmu.edu.ua/General information / Basic documents](https://www.vnmu.edu.ua/General%20information%20Basic%20documents))

Current control	According to the four-point system of traditional grades: 5 “excellent”, 4 “good”, 3 “satisfactory”, 2 “unsatisfactory”
Intermediate separation controls	According to the four-point system of traditional evaluations
Control of practical skills	According to the four-point system of traditional evaluations
Credit	On a 200-point scale (arithmetic mean for the semester is converted into points) Credited: from 122 to 200 points

	Not credited: less than 122 points (see Evaluation Scale)
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 Individual work - from 6 to 12 points 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, Vinnytsya and the principles of academic integrity.

### Observance of VNMU regulations, safety measures at practical classes

**Requirements for preparation for practical classes.** The student must arrive on time for a practical lesson, theoretically prepared according to the topic. Form of clothing: medical gown,

changeable shoes, mask, gloves. Adhere to ethical norms and tolerance when discussing the topic of the lesson. Follow the rules of safety and ergonomics when practicing practical skills.

**Use of mobile phones and other electronic devices.** The use of mobile phones during classes is prohibited (except for emergencies 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.** During the study of the discipline the student must be guided by the Code of Academic Integrity of National Pirogov Memorial Medical University, Vinnytsya (<https://www.vnmu.edu.ua/> general information / Basic documents / Code of Academic Integrity). In case of violation of academic integrity (write-off, use of mobile phone during knowledge assessment, etc.) during the current and final tests, the student receives a grade of "2" and must work it out to his teacher in the prescribed manner within two weeks after unsatisfactory grade.

**Missed classes.** Missed classes are practiced in the manner prescribed by the Regulations on the organization of the educational process in National Pirogov Memorial Medical University, Vinnytsya (link <https://www.vnmu.edu.ua/> General information / Basic documents) at the time specified in the schedule of work (published on the website of the department <https://www.vnmu.edu.ua/кафедра-терапевтичної-стоматології> to duty teacher. In order to complete the missed lesson, the student must answer theoretical questions and perform practical tasks on the missed topic. To complete the lecture, the student must make a short summary of the missed topic, navigate the topic and be ready for discussion / answer to questions on the subject of the lecture.

**The procedure for admission to the final control** of the discipline is given in the Regulations on the organization of the educational process in National Pirogov Memorial Medical University, Vinnytsya (link <https://www.vnmu.edu.ua/> General information / Basic documents). Students who have not missed unfinished practical classes and lectures and received an average traditional grade of at least “3” are admitted to the final control.

**Additional individual points.** Individual points in the discipline (from 6 to 12) the student can get for individual work, the amount of which is published on the website of the department in educational materials of the discipline, the number of points is determined by the results of IRS according to the Regulations on the organization of educational process in National Pirogov Memorial Medical University, Vinnytsya (link <https://www.vnmu.edu.ua/> General information / Basic documents).

**Conflict resolution.** In the event of misunderstandings and complaints to the teacher due to the quality of educational services, assessment of knowledge and other conflict situations, the student must first report their claims to the teacher. 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 Regulations on the consideration of appeals of applicants for higher education in National Pirogov Memorial Medical University, Vinnytsya (<https://www.vnmu.edu.ua/> General information / Basic documents).

**Politics in terms of distance learning.** The procedure for distance learning is regulated by the Regulations on the introduction of elements of distance learning in National Pirogov Memorial Medical University, Vinnytsya (<https://www.vnmu.edu.ua/> General information / Basic documents). The main training platforms for training are Microsoft Team, Google Meets. The procedure for performing practical classes and lectures, exercises and consultations during

distance learning is published on the website of the department ([https://www.vnmu.edu.ua/Department of Therapeutic Dentistry / Student](https://www.vnmu.edu.ua/Department%20of%20Therapeutic%20Dentistry%20-%20Student) or [https://www.vnmu.edu.ua / Department of Therapeutic Dentistry / News](https://www.vnmu.edu.ua/Department%20of%20Therapeutic%20Dentistry%20-%20News)).

**Feedback** from the teacher is via messengers (Viber, Telegram, WhatsApp) or e-mail (at the teacher's choice) during business hours.

### 1. Training resources

Educational and methodological support of the discipline is published on the website of the department (<https://www.vnmu.edu.ua/kafedra-terapevtychnoi-stomatologii> / Student). Consultations are held twice a week according to the consultation schedule.

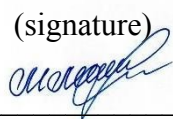
2. The schedule and distribution of groups by teachers is published on the web page of the department (<https://www.vnmu.edu.ua/kafedra-terapevtychnoi-stomatologii>/ Student).

3. Questions to the intermediate and final controls of the discipline are published on the web page of the department (<https://www.vnmu.edu.ua/kafedra-terapevtychnoi-stomatologii>/ Student)

The syllabus on the subject “Therapeutic Dentistry” (4th course) was discussed and approved at the meeting of the department of Therapeutic Dentistry (protocol № 1, from “26” August 2024 y.

Responsible for the course  Ass. Prof. of HEI Nataliia GADZHULA

(signature)

Head of the Department  Prof. of HEI Mariia SHINKARUK-DYKOVYTSKA

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