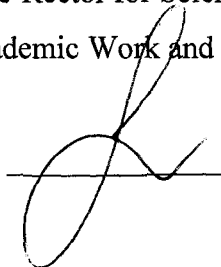


National Pirogov Memorial Medical University, Vinnytsya

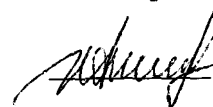
APPROVE

Higher Educational Institution
Vice-Rector for Scientific and
Academic Work and International Links


Inna ANDRUSHKO

“ AGREED ”

Head of the Department of General Surgery

 prof. Sergei KHIMICH
“ 30 ” 08 2024 year

**SYLLABUS
of academic discipline
“PATIENT’S CARE (practice)”**

Specialty	222 Medicine
Educational level	the second (master's) level
Educational programme	Medicine, 2023
Academic year	2024-2025
Department	General Surgery
Contact information	surgery@vnmu.edu.ua, 96, Khmel'nitskoe str.
Syllabus compiler	Prof. V.G. Paliy

1. Status and structure of the discipline

Discipline status	Compulsory
Discipline code in EPP/ discipline place in EPP	CC 53 //discipline component of the cycle of general training disciplines
Course / semester	2nd year (III semester)
The amount of discipline (the total number of hours / number of credits ECTS)	150 hours / 5 credits ECTS Module 1. The content of the main tasks of examination of patients in the general system of treatment of patients of therapeutic profile. -50 hours / 1.67 ECTS credits Module 2. The content of the main tasks of examination of patients in the general system of treatment of patients with a surgical profile. - 50 hours / 1.67 ECTS credits Module 3. Content of the main tasks of examination of patients in the general system of treatment of patients of pediatric profile. - 50 hours / 1.67 ECTS credits
Number of content modules	1 module
The structure of the discipline	Module 2. Contents of the main tasks of patient care in the general system of treatment of patients with a surgical profile. - 50 hours / 1.67 ECTS credits Practical classes - 20 hours Independent work -30 hours In general: classroom classes 40-%, independent extracurricular activities 60-%
Language of study	Ukrainian
Form of study	Full - time , <i>(at introduction of quarantine measures – remote full time)</i>

2. Description of the discipline

Short annotation of the course, relevance. "Patient's care (practice)" is the first clinical discipline, during the study of which the student gets acquainted with the work of inpatient medical institutions, the first contact with patients, the formation of moral and ethical foundations for further professional behaviour. The discipline "Patient's care (practice)" involves the study of hygienic, preventive and curative measures, which are within the competence of junior and partially paramedical staff and are used to create comfortable conditions for the patient in the hospital, promote the patient's recovery, prevent complications and master the simplest manipulations of first aid in emergencies.

Assimilation of the material is based on consistent acquaintance with the peculiarities of the implementation of the specified scope of actions in the work of therapeutic, surgical and paediatric departments of hospitals.

Prerequisites . For successful mastering of discipline, the student needs the knowledge received in the course of studying of the following disciplines of general preparation:

Latin language and medical terminology; medical biology; medical and biological physics; biological and bioorganic chemistry; human anatomy; histology, cytology and embryology; normal physiology and bandaging.

The purpose of the course and its significance for professional activities. The purpose of teaching the discipline "Patient's Care (Practice)" for students is to master the basic techniques of professional activity of a junior nurse on the basis of deep knowledge and understanding of

the functioning of the sick person in compliance with the principles of medical ethics and deontology.

The main tasks of studying the discipline "Patient's Care (Practice)" are:

- assimilation of the basic theoretical knowledge necessary for the organization of comfortable conditions of stay of the patient in a hospital and maintenance of necessary care of it at all stages of treatment;
- acquisition of basic practical skills in caring for patients in the hospital and the ability to determine and assess the general condition of the patient, the basic parameters of his life and the rules of vital needs of the body;
- formation of students' moral, ethical and deontological qualities in professional communication with the patient.

Postrequisites. In the process of studying the discipline, knowledge is acquired necessary for successful mastering of training disciplines, namely: general surgery, traumatology and orthopaedics, resuscitation and intensive care, obstetrics and gynaecology, urology, medical rehabilitation, paediatrics, internal medicine, which involves the integration of teaching disciplines and application of acquired knowledge, skills and abilities in the process of further education and professional activity.

3. **Learning outcomes.** After successful study of the discipline the applicant will be able to:
- to demonstrate mastery of moral and deontological principles of a medical specialist and the principles of professional subordination in the clinic of internal medicine, in general surgery, in the clinic of paediatrics;
 - to demonstrate the skills of organization and care of patients with various surgical diseases, to perform the necessary medical manipulations;
 - to demonstrate mastery of skills of observance of medical and protective and maintenance of a sanitary and hygienic mode of the main divisions of a surgical hospital;
 - to conduct interrogation and examination of the patient;
 - to demonstrate the method of conducting anthropometric studies of the patient and to draw conclusions about the constitutional type of the subject;
 - to make a preliminary assessment of the state of temperature homeostasis of the patient by the results of thermometry and registration of temperature curves;
 - to demonstrate mastery of skills in caring for patients with fever;
 - to demonstrate the simplest medical manipulations on carrying out medical and physiotherapeutic procedures for patients;
 - to demonstrate mastery of personal hygiene and care for the seriously ill;
 - to demonstrate first aid skills to patients with disorders of the cardiovascular and respiratory systems.

4. Content and logistic of the discipline

Module 2. Contents of the main tasks of patient's care in the general system of treatment of patients with surgical diseases	3rd semester 50 hours / 1.67 credits	
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The course includes 10 topics, which are divided into 1 thematic module.

Module 1. Contents of the main tasks of patient care in the general system of treatment of patients with a surgical profile.

Topic 11. Features of care for surgical patients in the admission department.
 Topic 12. Organization of work in a surgical hospital.
 Topic 13. Sanitary and epidemiological regime in a surgical hospital. Antiseptic methods.
 Topic 14. Care of patients in the preoperative period.
 Topic 15. Features of care for patients who underwent surgical treatment, as well as among the victims of hostilities
 Topic 16. Organization of work in the operating room.
 Topic 17. Care of patients in the intensive care unit for critically ill, incurable and agonizing patients.
 Topic 18. Patient care in the operating room.
 Topic 19. Caring for patients in a clean dressing room.
 Topic 20. Care of patients in a purulent dressing room.

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

- to control the quality of pre-sterilization preparation of instruments;
- preparation of appropriate tools and demonstration of cleansing and therapeutic enemas on the dummy;
- to measure body temperature;
- to prepare appropriate tools and carry out feeding on the model seriously ill;
- to perform general medical manipulations (dressings, injections, gastric and intestinal lavage, catheterization of the bladder and peripheral vein);
- to recover resuscitation in case of clinical death;
- to be able to conduct heart rate calculation and blood pressure measurement.

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

Individual work includes the study of scientific literature, preparation of reviews on the topics provided for presentation at the meetings of the student scientific circle, the implementation of scientific and practical researches, participation in specialized competitions, scientific and practical conferences and organization of students' research works.

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 website of the department.

The route for obtaining materials: Department General Surgery/ for students / Full-time education / (specialty) / Second course / Educational materials / or through the link <https://www.vnmua.edu.ua/> department general surgery #. Access to the materials is carried out through the student's corporate account s000XXX@vnmua.edu.ua.

5. Forms and methods of monitoring academic performance

Current control in practical studies	Methods: <i>oral or written survey, testing, electronic survey, solving situational problems, conducting laboratory studies, interpreting them and evaluating their results (drawing up a protocol in a workbook)</i>
Final control of the discipline - differential test	According to the Regulation of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link https://www.vnmua.edu.ua/General information)

Learning success diagnostic tools	Theoretical questions, tests, clinically-oriented situational tasks, practical tasks, practical skills demonstration
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6. Assessment criteria

Knowledge assessment is carried out in accordance with the Regulations of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link [https://www.vnmu.edu.ua/General information](https://www.vnmu.edu.ua/General%20information))

Continuous assessment	On a four point system of traditional assessments: 5 «excellent», 4 «good», 3 «satisfactory», 2 «unsatisfactory»
Control of practical skills	According to the four-point system of traditional assessments
Final control of the discipline	<i>Sum of points for pre-examination testing (12-20 points) and oral questioning (38-60 points) (for disciplines included in Step 1,2)</i> Exam grade: 71-80 points - "excellent" 61-70 points - "good" 50-60 points - "satisfactory" Less than 50 points - "unsatisfactory" / did not pass
Discipline assessments:	Current academic assessment - from 72 to 120 points (conversion of the average traditional assessment of practical class 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 1 to 12 points From 122 to 200 points in total.

Discipline Score Scale: National and ECTS

The sum of grades for all types of educational activities	Score ECTS	Score on a national scale	
		For exam, course project (work), practice	for credit test
180-200	A	excellent	credited
170-179,9	B	good	
160-169,9	C		
141-159,9	D	satisfactory	
122-140,99	E	satisfactory	-
120-140,99	E	-	credited

119-61	FX	unsatisfactory with the possibility of reassembly	is not credited with the possibility of reassembling
1-60	F	unsatisfactory with a mandatory reexamination of discipline	is not credited with mandatory reexamination of discipline

Criteria for assessing student knowledge

Assessment of oral / written response during the current control

A student who knows the programmed material of nursing practice, has mastered it deeply, teaches it comprehensively, consistently, competently and logically, in response to which the theory is closely connected with practice, receives an grade of "Excellent".

A grade of "Good" is given to a student who knows the programmed material of nursing practice, teaches it competently and meaningfully, who does not allow significant inaccuracies in answering questions, correctly uses theoretical positions in solving practical questions and problems, has the necessary skills and techniques.

A student who knows the basic material of nursing practice, but has not mastered its details, admits inaccuracies, insufficiently correct formations, violates the sequence in the teaching of programmed material and has difficulty using practical skills receives a grade of "Satisfactory".

The grade "Unsatisfactory" is given to a student who does not know a significant part of the programmed material of nursing practice, makes significant mistakes in its teaching, is insecure, with great difficulty performs practical skills.

Assessment of practical skills during the current control

Grade "excellent" is given to the student, who knows the course and sequence of independent practical work to perform the task, demonstrates the correct implementation of the necessary practical skills, correctly and clearly formulates a conclusion, answer.

A grade of "good" is given to a student who admits inaccuracies in the performance of a practical task, but is able to identify errors and can demonstrate the performance of practical skills in general.

A grade of "satisfactory" is given to a student who knows the basics of a practical task, but has difficulty in performing it, making specific mistakes, can not demonstrate the full correct sequence of practical skills, can not complete them in full.

A grade of "unsatisfactory" is given to a student who cannot demonstrate the performance of a practical skill, experiences significant difficulties in performing elementary manipulations, and violates the procedure for performing practical work.

Evaluation of test tasks during the current control

The grade "excellent" is given to the student who at carrying out test control is allowed no more than 10% of incorrect answers (volume of correct answers 90-100%). Provides correct answers to all test questions when solving clinically-oriented test tasks.

A grade of "good" is given to a student who makes no more than 20% of mistakes during the test. (volume of correct answers 80-89%). Provides correct answers to most test questions when solving clinical-oriented test tasks.

A grade of "satisfactory" is given to a student who makes mistakes in no more than 40% of test tasks (the amount of correct answers is 60.5-79%). When solving clinically-oriented test tasks, it provides the correct answers to only some questions to the test.

A grade of "unsatisfactory" is given to a student who correctly solves less than 60% of the test tasks in a test. When solving clinical-oriented test tasks, he cannot provide the correct answers to the test questions.

Evaluation of the oral answer during the final control (differential test)

The grade "excellent" is given to the student who competently and in a logical sequence provides answers to the questions of the examination ticket. During the answer demonstrates the ability to analyze theoretical material, makes thorough conclusions about the importance of theoretical material for practical medicine, provides clear correct answers to additional non-standard questions, can explain how this or that manipulation is carried out prevention of complications, knows the principles of its treatment.

The grade "good" is given to a student who has a good command of theoretical material and in a logical sequence provides answers to the questions of the examination ticket, but admits minor inaccuracies, which are quickly corrected when answering clarifying questions of the examiner. When answering questions from nursing practice can explain how this or that procedure is carried out in general.

A grade of "satisfactory" is given to a student who demonstrates knowledge of basic concepts and definitions when answering the question of the examination ticket, admits significant inaccuracies or has difficulties in answering questions from nursing practice, can not sufficiently disclose the principles of sequence of basic manipulations, as a result - achieve the desired result, allows inaccuracies in answering the specific questions of the examiner.

The grade "unsatisfactory" is given to a student who does not know the answer to one of the questions of the examination ticket, makes gross mistakes when answering questions from nursing practice, can not explain the basic concepts and definitions, does not know the principles of basic nursing.

The calculation of individual points is carried out on the basis of the Regulations on the organization of the educational process at National Pirogov Memorial Medical University, Vinnytsya (Vinnytsia, 2020). (link [https://www.vnmu.edu.ua/General information/Basic documents](https://www.vnmu.edu.ua/General%20information/Basic%20documents))

12 points - are added to the assessment of the discipline of a student who won a prize at the interuniversity Olympiads in the discipline or a prize at the All-Ukrainian competition of student research papers or a prize at the interuniversity / international scientific conference with the availability of printed work.

11 points - are added to the assessment of the discipline of a student who won the first place in the intra-university Olympiad in the discipline or the first place at the student scientific conference with the presence of printed work, or participated in the All- Ukrainian competition of student research papers

10 points - are added to the assessment of the discipline of the student who won a prize (II-III) at the intra-university Olympiad in the discipline or at a student scientific conference with the availability of printed work; or for participation (without a prize place) in interuniversity competitions in the discipline or a prize place in an interuniversity / international scientific conference with the availability of printed work.

9 points - are added to the assessment of the discipline of a student who took part (without a prize) in the intra-university Olympiad in the discipline or student scientific conference with the presence of printed work.

8 points - are added to the assessment of the discipline of a student who actively participated in the student scientific circle, published a paper on the results of scientific and practical research, but did not personally participate in the student scientific conference, prepared a poster report .

6-7 points - are added to the assessment of the discipline of the student who made at least 3 tables, or an educational video to supplement the visual support of teaching the discipline (taking into account the volume and importance of the work performed).

3-5 points are added to the assessment of the discipline of a student who has made at least 2 tables, or created a thematic illustrated presentation of a certain nursing manipulation (at least 2) to supplement the visual support of teaching the discipline into account the volume and importance of work).

7. Policy of discipline / course

The student has the right to receive high-quality educational services, access to contemporary scientific and educational information, qualified advisory assistance during the study of discipline and mastering practical skills. The policy of the department during the providing of educational services is a student-centered, based on normative documents of the Ministry of Education and the Ministry of Health of Ukraine, the Statute of the University and the Procedure for the Providing of Educational Services regulated by the main principles of the organization of the educational process in National Pirogov Memorial Medical University, Vinnytsya and the principles of academic integrity (link [https://www.vnmu.edu.ua/General information](https://www.vnmu.edu.ua/General%20information)).

Adherence to the rules of National Pirogov Memorial Medical University, Vinnytsya, safety techniques in practical classes.

Requirements for preparation for practical classes. The student should be prepared for a practical lesson, test tasks for the current topic should be solved in a workbook, diagrams and tables are filled. You should come to class on time, without delay. A student who is more than 10 minutes late for class is not allowed to the last and must work it in the prescribed manner.

In practical classes, the student must be dressed in a work uniform (medical gown, hat). Students who do not have a work uniform are not allowed to study.

The student must follow the rules of safety in practical classes and during the stay in the department.

When discussing theoretical issues, students should demonstrate tolerance, courtesy and respect for their colleagues and the teacher; when performing practical tasks, the workplace should be kept in order and cleaned after the practical work.

Usage of mobile phones and other electronic devices. The use of mobile phones and other electronic devices in the classroom is allowed only during electronic testing or surveys.

Academic integrity. When studying the discipline, the student must be guided by the Code of Academic Integrity and Corporate Ethics of National Pirogov Memorial Medical University, Vinnytsya (link : [https://www.vnmu.edu.ua/General information](https://www.vnmu.edu.ua/General%20information))/ Code of Academic Integrity). In case of violation of the norms of academic integrity during the current and final controls 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 assessment).

Missed classes. Missed classes are working out in the manner prescribed by Regulations of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link [https://www.vnmu.edu.ua/General information](https://www.vnmu.edu.ua/General%20information)) at the time of work out schedule (published on the website of the department [https://www.vnmu.edu.ua/ department general surgery#](https://www.vnmu.edu.ua/departament%20general%20surgery#)) to the teacher on duty. To complete the missed lesson, the student must take a test and answer questions in writing or orally to the topic of the lesson. The practice of missed lectures is carried out after providing a synopsis of lecture material, or writing an abstract, or preparing your own presentation on the topic of missed lectures.

The procedure for admission to the discipline final control is given in the Regulations of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link [https://www.vnmu.edu.ua/General information](https://www.vnmu.edu.ua/General%20information)). To the final control allowed students who do not have missed practical classes and lectures and received an average traditional grade of at least "3".

Additional points. Individual points in the discipline (from 1 to 12) that student can receive for individual work, the amount of which is published on the website of the department in the educational methodical materials of the discipline, the number of points is determined by the results of IRS according to Regulation of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link [https://www.vnmu.edu.ua/General information](https://www.vnmu.edu.ua/General%20information)).

Conflict resolution. In case of misunderstandings and complaints to the teacher because of the quality of educational services, knowledge assessment and other conflict situations, student should submit his / her claims to the teacher. If the issue is not resolved, the student has the right to apply to the head of the department according to Complaints Consideration Procedure in National Pirogov Memorial Medical University, Vinnytsya (link [https://www.vnmu.edu.ua/General information](https://www.vnmu.edu.ua/General%20information))

Politics in terms of remote learning. Distance learning regulated by the Regulations of the elements of remote learning in National Pirogov Memorial Medical University, Vinnytsya ([https://www.vnmu.edu.ua/ General information](https://www.vnmu.edu.ua/General%20information)). The main training platforms for studying are Microsoft Team and Google Meets. 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 general surgery/](https://www.vnmu.edu.ua/Department%20of%20general%20surgery) to Students or [https://www.vnmu.edu.ua/Department of Microbiology / News](https://www.vnmu.edu.ua/Department%20of%20Microbiology%20News)).

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

At the signal "Air alarm", students and employees of the department stop work, classes in educational institutions are stopped and everyone goes to the shelter. During the evacuation to the shelter, the participants of the educational process must be accompanied by a responsible person from among the employees of the University (teacher, department head).

8. Educational resources.

Educational and methodological support of the discipline is published on the website of the department ([https://www.vnmu.edu.ua/ department of general surgery /](https://www.vnmu.edu.ua/departament%20of%20general%20surgery#) for students). Consultations are held twice a week according to the schedule.

The basic literature:

1. General surgery. Edited by professor S.D. Khimich, professor M.D. Zheliba Kyiv AUS Medicine Publishing. 2019. – 534
2. Surgery. S.I. Shevchenko. Kharkov. KHSMU. 2004. – 341

3. General surgery. Bereznytsky Ya. S., Zakharash M. P, Mishalov V. G., Shidlovsky V.O., Vinnytsia, NK,2019, c. 328

The additional literature:

1. Lectures of general surgery for foreign students of II and III years of medical faculty professor R. Kushnir. Ternopil "Ukrmedknyha". 2005. – 318
2. General surgery. A. Butyrsky/ Simferopol 2004. – 341
3. Methodological recommendations of surgical patients care. – Vinnitsa medical national university – 2019

1. **The timetable and distribution of groups** with assigned teachers are published on the web page of the department ((<https://www.vnmu.edu.ua> / department general surgery / for students).
2. Questions to the intermediate and final semester control (credit) of the discipline are published on the web page of the department (<https://www.vnmu.edu.ua> / department general surgery / for students).

Electronic resources:

E-mail address of the university website: <http://vnmu.edu.ua>

E-mail address of the university library website: <http://library.vnmu.edu.ua>

Testing center: <https://www.testcentr.org.ua/uk/>

Ministry of Health of Ukraine: <https://moz.gov.ua/>

Public Health Center of the Ministry of Health of Ukraine: <https://phc.org.ua/kontrol-zakhvoryuvan>

Scientific-practical journal "Laboratory diagnostics" <http://acclmu.org.ua/ru/journals/>

In English:

Dr. Najeeb Lectures <https://www.youtube.com/channel/UCPHpx55tgrbm8FrYYCflAHw>

Osmosis <https://www.youtube.com/c/osmosis/>

MEDCRAM- Medical Lectures explained clearly

<https://www.youtube.com/user/MEDCRAMvideos>

<https://pubmed.ncbi.nlm.nih.gov/>

Lecture presentations, Methodical recommendations for practical classes and independent work of the student, Consultations (twice a week according to the schedule of consultations)

The syllabus of the discipline "Patient's Care (practice)" was discussed and approved at the meeting of the department of General Surgery record № 12, dated 15.06.2021

Responsible for the academic discipline, assoc.

Ivan OSHOVSKY

Head of the department, prof.

Sergey KHIMICH