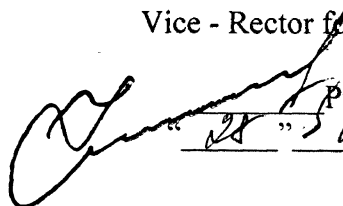


National Pirogov Memorial Medical University, Vinnytsya

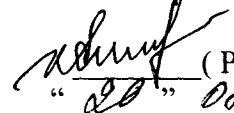
“APPROVE”

Vice - Rector for Academic Affairs


Prof. Y.I. Guminskiy
“ 28 ” “ 08 ” 2020 year

“ AGREED ”

Head of the Department _____


“ 20 ” “ 08 ” 2020 year
(Prof. Khimich S.D.)

**SYLLABUS
of academic discipline
«NURSING PRACTICE»**

Specialty	222 Medicine
Educational level	the second (master's) level
Educational programme	EPP «Medicine», 2020
Academic year	2020-2021
Department	General Surgery
Contact information	<surgery@vnmue.edu.ua> Khmeln'nytske str., 96 (Surgical Department, City Hospital #1)
Syllabus compiler	Chepliaka O.M., Associate Professor, PhD

1. Status and structure of the discipline

Discipline status	Compulsory
Discipline code in EPP/ discipline place in EPP	CC 58 «Healthcare», component of the cycle of disciplines of professional training
Course / semester	3rd year (V semester)
The amount of discipline (the total number of hours / number of credits ECTS)	90 hours /3 credits ECTS, from them: Module 1 Principles of activity and organization of work of the nurse of a therapeutic hospital – 30 hours /1 credit ECTS Module 2 Principles of activity and organization of work of the nurse of a surgical hospital – 30 hours /1 credit ECTS Module 3 Principles of activity and organization of work of the nurse of a pediatric hospital – 30 hours /1 credit ECTS
Number of content modules	Principles of activity and organization of work of a nurse of a surgical hospital - 30 hours / 1 credit ECTS Practical classes - 20 hours Independent work - 10 hours In general: auditorium classes – 67%, independent extracurricular work – 33%
The structure of the discipline	1
Language of study	Ukrainian
Form of study	Full - time (in case of quarantine measures – remote full - time)

2. Description of the discipline

Short annotation of the course, relevance. Nursing 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 behavior. The discipline "nursing practice" involves the study of hygienic, preventive and curative measures, which are within the competence of junior and mid-level medical 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 pediatric departments of hospitals.

Prerequisites. To successfully master the discipline the student needs knowledge gained in the study of the following disciplines of general training: medical biology and biological physics, human anatomy, physiology, bioorganic and biological chemistry, microbiology, virology and immunology, with which the program of industrial practice is integrated.

The purpose of the course and its significance for professional activities. Acquisition of basic theoretical knowledge, practical skills of providing care to patients in the hospital and providing the necessary care for him at all stages of treatment. Acquisition of basic practical skills of nursing in the hospital and the ability to determine and evaluate the professionalism of their implementation, the basic parameters of life and the rules of ensuring the 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 disciplines, namely: propaedeutics of internal medicine, medical psychology,

internal medicine, infectious diseases, oncology, anesthesiology and intensive care, which involves integration with these disciplines "vertically" and formation ability to apply knowledge of patient care in the process of further education and professional activities.

3. Learning outcomes.

After successfully studying the discipline, the applicant will:

Know:

- Methodology of application of standards of medical technologies in practical activity of the nurse.
- Organization of treatment and care of patients with various surgical diseases.
- Maintaining medical records of the surgical hospital of a medical institution.
- Communication with colleagues, patients and their relatives, taking into account their psychological characteristics, to promote a healthy psychological climate in the medical environment.

Be able to:

- Care for surgical patients
- Keep records of drugs in the manipulation room of the surgical hospital
- Carry out the main methods of general clinical examination of the patient (examination, percussion, palpation, auscultation, laboratory tests) and analyze the data to establish a preliminary diagnosis in the patient
- Perform general medical manipulations (dressings, stop bleeding, injections, blood transfusion, gastric and intestinal lavage, local infiltration anesthesia, transport immobilization for dislocations and bone fractures) and decide on referral to a specialist.
- Provide the necessary assistance in case of short-term loss of consciousness, collapse, shock, coma, allergic reactions, acute abdomen, trauma, burns, frostbite, fractures, bleeding, snake bites in the patient.
- Carry out resuscitation measures in case of clinical death
- Conduct heart rate studies and blood pressure measurement in patients
- Carry out blood sampling for biochemical examination of the patient
- To control the quality of pre-sterilization preparation of surgical instruments
- Preparation of appropriate tools and demonstration of phantom cleansing and therapeutic enemas
- Measure body temperature
- Prepare appropriate tools and feed the seriously ill patient on mannequin
- Ensure proper organization of medical nutrition in the hospital

4. Content and logistic of the discipline

Module 2. Principles of activity and organization of work of a nurse of a surgical hospital	5th semester 30 hours / 1 credit	Practical classes №№ 11-20 Topics for self-study №№ 1-4
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The discipline includes 10 topics

Module 2 Principles of activity and organization of work of a nurse of a surgical hospital.

Topic 11. Bleeding and blood loss.

Topic 12. Blood transfusion and blood substitutes (first lesson).

Topic 13. Blood transfusion and blood substitutes (second lesson).

Topic 14. Resuscitation in surgical patients (first lesson).

Topic 15. Resuscitation measures in surgical patients (second lesson).

Topic 16. Clean and purulent wounds.

Topic 17. Closed injuries of soft tissues, skull, chest.

Topic 18. Bone fractures, dislocations.

Topic 19. Burns. Frostbites.

Topic 20. Acute purulent diseases of soft tissues and hands.

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

- Take care of surgical patients
- Be able to keep records of drugs in the manipulation room
- Carry out the main methods of general clinical examination of the patient (examination, percussion, auscultation, laboratory tests) and analyze the data to establish a preliminary diagnosis.
- Perform general medical manipulations (dressings, stop bleeding, injections, blood transfusion, gastric and intestinal lavage, local infiltration anesthesia, transport immobilization for dislocations and bone fractures) and decide on referral to a specialist.
- Provide the necessary assistance to the patient with short-term loss of consciousness, collapse, shock, coma, allergic reactions, acute abdomen, trauma, burns, frostbite, fractures, bleeding, snake bites.
- Carry out resuscitation measures in case of clinical death.
- Be able to conduct heart rate research and blood pressure measurement.
- Carry out blood sampling for biochemical research.
- To control the quality of pre-sterilization processing of instruments
- Preparation of appropriate tools and demonstration of cleansing and therapeutic enemas on a mannequin
- Measure body temperature
- To prepare appropriate means and to carry out feeding of seriously ill patient on a mannequin.

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: General Surgery Department / Student / Full-time study / Medicine / 3rd year / Teaching materials / or by link: <https://www.vnmu.edu.ua/> кафедра загальної хірургії#. Access to materials is provided from the student's corporate account: s000XXX@vnmu.edu.ua.

5. Forms and methods of monitoring academic performance

Current control in practical studies	Methods: 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)
Final control of the discipline - grading test	Methods: pre-examination testing, oral questioning (according to the Regulation of the Academic process in National Pirogov Memorial Medical University, Vinnytsya (link https://www.vnmu.edu.ua/General information))
Learning success diagnostic tools	Theoretical questions, tests, clinically-oriented situational tasks, practical tasks, practical skills demonstration

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/Generalinformation>)

Continuous assessment	On a four point system of traditional assessments: 5 «excellent», 4 «good», 3 «satisfactory», 2 «unsatisfactory»
Midpoint separation assessment	On a four-point system of traditional assessments
Final control of the discipline	The sum of points is formed based on the results of the oral answer, solving situational problems and practicing practical skills in therapeutic, surgical and pediatric profile. 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 answer 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 survey. 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.

A grade of "**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 basic concepts and definitions, does not know the principles of basic nursing manipulations, does not know answers to additional clarifying questions of the examiner.

The calculation of individual points is carried out on the basis of the Regulations on the organization of the educational process in National Pirogov Memorial Medical University, Vinnytsya (Vinnytsya, 2020).

(link <https://www.vnmu.edu.ua/Generalinformation/Basicdocuments>)

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 (taking 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.vnmdu.edu.ua/Generalinformation>).

Observance of the rules of the VNMU regulations, safety measures at practical classes. Safety instruction is given at the first practical lesson by the teacher. The briefing is registered in the assistant journal.

Requirements for preparation for practical classes. You should come to class on time, without delay. A student who is more than 10 minutes late for the first pair is not allowed to attend the class and must complete it in the prescribed manner. In practical classes, the student must be dressed in a work uniform (medical gown, hat, change of shoes, have a mask, boot covers, rubber gloves). 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. The student must strictly adhere to the rules of the internal regulations of the educational institution, clinic, provided by the regulations governing the educational process of National Pirogov Memorial Medical University, Vinnytsya. 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.

Use of mobile phones and other electronic devices. The use of mobile phones and other electronic devices in class is not allowed.

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.vnmdu.edu.ua/Generalinformation/CodeofAcademicIntegrity>). In case of violation of the norms of academic integrity during the current and final controls student receives a grade of "2" and must rework it with 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.vnmdu.edu.ua/Generalinformation>) at the time of rework schedule (published on the website of the department <https://www.vnmdu.edu.ua/GeneralSurgeryDepartment>) to the duty teacher. 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.vnmdu.edu.ua/Generalinformation>). 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.vnmdu.edu.ua/Generalinformation>).

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.vnmdu.edu.ua/Generalinformation>)

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.vnmdu.edu.ua/Generalinformation>). 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.vnmdu.edu.ua/GeneralSurgeryDepartment/toStudents> or <https://www.vnmdu.edu.ua/GeneralSurgeryDepartment/News>).

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

- 8. Educational resources** Educational and methodological support of the discipline is published on the website of the department. Route of receiving materials:
<https://www.vnmu.edu.ua/GeneralSurgeryDepartment/Student>

Methodical support:

Textbooks, manuals, lectures
Methodical instructions for practical training
Methodical developments for practical training
Models
Phantoms
Tables
Videos
Slides
Surgical instruments

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

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

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/>

9. **The schedule and distribution of groups among teachers** is published on the web page of the department (<https://www.vnmu.edu.ua/GeneralSurgeryDepartment/toStudents>).

10. **Questions to the intermediate and final controls of the discipline** are published on the website of the department:

<https://www.vnmu.edu.ua/GeneralSurgeryDepartment/toStudents>

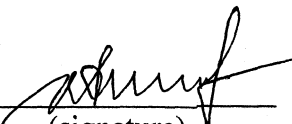
The syllabus of the discipline "Nursing Practice" was discussed and approved at the meeting of the General Surgery Department (record № 1, dated "30" August 2020)

Responsible for the academic discipline


(signature)

(Associate Prof. Oshovskyy I.N.)

Head of the department


(signature)

(Prof. Khimich S.D.)