

## Syllabus of discipline

<b>1. General information</b>	
<b>Name of the faculty</b>	<b>medical</b>
<b>Educational program (industry, specialty, level of higher education, form of education)</b>	<b>Area of knowledge 22 "Health"</b> <b>Specialty 222 "Medicine"</b>
<b>Academic year</b>	<b>second</b>
<b>Name of discipline, code (e - mail address on the site of LNMU named after Danylo Halytsky</b>	<b>Patient care is an internship in a surgical hospital</b> <b>Kaf_gensurgery@meduniv.lviv.ua</b>
<b>Department (name, address, phone, e-mail)</b>	<b>Department of General Surgery</b> <b>Lviv, street Mykolaychuk, 9</b> <b>tel .: 258-74-86, fax: 291-72-31</b> <b>Kaf_gensurgery@meduniv.lviv.ua</b>
<b>Head of the department (contact e-mail)</b>	<b>Professor Andriushchenko Victor Petrovich</b> <b>avp.victor@gmail.com</b>
<b>Year of study (year in which the study of the discipline)</b>	<b>2nd year, medical faculty</b>
<b>Semester (semester in which the study of the discipline is</b>	<b>IV semester</b>

implemented)	
Type of course / module (compulsory / optional)	Selective component of the WB 2.2
Teachers (names, surnames, scientific degrees and titles of teachers who teach the discipline, contact e-mail)	<p>Lysyuk Yuriy Serhiyovych, Candidate of Medical Sciences, Associate Professor, Lysiuk@gmail.com, Bidyuk Dariy Martynovych, Candidate of Medical Sciences, Associate Professor, dariy.bidyuk @ gmail.com, Kunovsky Volodymyr Volodymyrovych, Candidate of Medical Sciences, Associate Professor, wkw@ukr.net, Kushta Yuriy Fedorovych, Candidate of Medical Sciences, Associate Professor, urijkushta @ gmail.com, Melnikov Volodymyr Arkadiyovych, Candidate of Medical Sciences, Associate Professor, v.melnikov2013@gmail.com, Barvinska Anna Stepanovna, Candidate of Medical Sciences, Associate Professor, anna.barvinska@gmail. com, Maglyovany Vitaliy Anatoliyovych, Candidate of Medical Sciences, Associate Professor, mahlovitaliy@gmail.com, Candidate of Medical Sciences, Associate Professor, Koveshnikov Oleksandr Volodymyrovych, Candidate of Medical Sciences, Associate Professor, kov_av@hotmail.com, Kohut Lubomyr Mykolayovych, Candidate of Medical Sciences, Associate Professor mariannakohut @ gmail.com, Matviychuk Oleg Bogdanovich, Doctor of Medical Sciences, Associate Professoroleh.matviychuk@yahoo.com</p>
Erasmus yes / no (availability of	-

<b>the discipline for students within the Erasmus + program</b>	
<b>Person responsible for the syllabus (person to be commented on the syllabus, contact e-mail)</b>	<b>Andryushchenko Viktor Petrovich, Doctor of Medical Sciences, Professor, avp.victor@gmail.com</b>
<b>Number of ECTS credits</b>	<b>1.5 credits</b>
<b>Number of hours (lectures / practical classes / independent work of students)</b>	<b>Practical classes -30, independent work - 15</b>
<b>Language of instruction</b>	<b>Ukrainian, English</b>
<b>Information about consultations</b>	<b>According to the established schedule</b>
<b>Address, telephone and rules of operation of the clinical base, office) (if necessary)</b>	<b>Department of General Surgery, Lviv National Medical University, Lviv, Municipal City Clinical Hospital of Ambulance, Mykolaychuk street, 9 Kaf_gensurgery@meduniv.lviv.ua</b>
<b>2. Short annotation to the course</b>	
<p>General characteristics, brief description of the course, features, benefits</p> <p>The discipline 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, to promote the patient's recovery as soon as possible, to prevent complications.</p> <p>In addition, the general practitioner must have a certain set of knowledge and skills to detect</p>	

pathology in emergencies, provide emergency care in such cases, the amount of which will ensure the preservation and maintenance of life until specialized care, master the full knowledge and skills of first aid for ensuring a favorable course of further specialized treatment, bearing in mind the great responsibility of the doctor for the life of the patient

### **3. The purpose and objectives of the course**

**1. The purpose** of teaching the discipline "Care of patients (industrial practice in a surgical hospital)" is to master the student's basic techniques of professional activity of a junior nurse based on deep knowledge and understanding of the functioning of the surgical patient with the principles of medical ethics and deontology.

**2. The main tasks** of studying the discipline "Patient Care" are the acquisition of basic theoretical knowledge necessary for the organization of comfortable conditions of the patient in a surgical hospital and providing the necessary care at all stages of treatment, acquiring basic practical skills in caring for patients in a surgical hospital and ability to determine and assess the general condition of the patient, the basic parameters of his life and the rules of ensuring the vital needs of the body, the formation of students' moral, ethical and deontological qualities in professional communication with the patient.

**3 Competences and learning** outcomes, the formation of which is facilitated by discipline (relationship with the normative content of training of higher education, formulated in terms of learning outcomes in the Standard of Higher Education).

- general: ability to abstract thinking, analysis and synthesis, learn and master modern knowledge, apply knowledge in practical situations, to adapt and act in a new situation, make informed decisions, work in a team, communicate in the state language both orally and in writing, to act socially responsibly and consciously, to act on the basis of ethical considerations (motives); knowledge and understanding of the subject area and understanding of professional activity; interpersonal skills, use of information and communication technologies; determination and

persistence in terms of tasks and responsibilities; the desire to preserve the environment. –special (professional, subject):

1. Patient survey and examination skills
2. Ability to carry out sanitary and hygienic and preventive measures
3. Skills to perform medical manipulations
4. Ability to provide the necessary mode of stay of the patient in a surgical hospital in the treatment of diseases.
5. Ability to ensure the appropriate nature of nutrition in the treatment of surgical diseases.
6. Skills in providing emergency medical care
7. Ability to keep medical records

#### **4. Prerequisites of the course**

The practice of care for surgical patients is provided in the IV semester, when the student has acquired relevant knowledge in basic basic disciplines: medical biology, medical and biological physics, human anatomy and physiology, bioorganic and biological chemistry, as well as the study of microbiology, virology and immunology. with which the program of industrial practice is integrated. In turn, the practice of patient care forms the basis for further study by students of clinical disciplines - propaedeutics of internal medicine, surgery, pediatrics, medical psychology, internal medicine, infectious diseases, oncology, anesthesiology and intensive care, which provides integration with these disciplines "vertically »And the formation of skills to apply knowledge of patient care in the process of further education and professional activities.

## 5. Program learning outcomes

### List of learning outcomes

Learning outcome code	The content of the learning outcome	Reference to the competency matrix code
<p>The code is created when filling the syllabus (category: Zn-knowledge, Mind-ability, K-competence, AB - autonomy and responsibility)</p>	<p>Learning outcomes determine that the student must know, understand and be able to perform, after completing the discipline. Learning outcomes follow from the set learning goals.</p> <p>To enroll in the discipline, it is necessary to confirm the achievement of each learning outcome.</p>	<p>Symbol of the Program Learning Outcome Code in the Higher Education Standard</p>
ZN -1	Patient survey and examination skills	PR-1
U-1	Have specialized knowledge about the person, his organs and systems, know the standard patient survey schemes.	PR-2
K-1	Effectively form a communication strategy when communicating with the patient.  Include health information in relevant medical records	PR-3
AV-1	Be responsible for the quality collection of information obtained through interviews,	PR-4

	surveys and timely assessment of health	
ZN -2	Know the system of sanitary and hygienic and preventive measures in a surgical hospital. Know the principles of nutrition, principles and methods of promoting a healthy lifestyle	PR-5
U-2	Have the skills to organize sanitary and hygienic and medical and protective regimes of the main units of the hospital	PR-6
K-2	Know the principles of providing information on the sanitary and hygienic condition of the premises and compliance with general hospital and medical care regimes to the management of structural units of the medical institution	PR-7
AV-2	To be responsible for the timely and high-quality implementation of measures to ensure the sanitary-hygienic and medical protection regimes of the hospital, promotion of a healthy lifestyle	PR-8
U-3	Skills to perform medical manipulations	PR-9
ZN-3	Be able to perform medical manipulations provided by the program.	PR-10
K-3	It is reasonable to form and bring to the	PR-11

	patient, specialists conclusions about the need for medical manipulations	
AV-3	To be responsible for the quality of medical manipulations.	PR-12
U-4	Ability to provide the necessary mode of hospital stay in the treatment of surgical diseases	PR-13
ZN-4	To be able to provide the necessary mode of work and rest determined by the doctor at treatment of surgical diseases	PR-14
K-4	To inform the patient and specialists about the necessary mode of stay in the hospital, modes of work and rest in the treatment of the disease	PR-15
AV-4	To be responsible for ensuring the conditions of observance of the prescribed by the doctor mode of work and rest in the treatment of the disease	PR-16
U-5	Emergency care skills	PR-17
ZN-5	Be able to provide emergency medical care in an emergency - to perform indirect heart massage and artificial respiration	PR-18
K-5	Explain the need and procedure for emergency	PR-19



	medical care .			
AV-5	Be responsible for the timeliness and quality of emergency medical care.	PR-20		
<b>6. Format and scope of the course</b>				
<b>Course format (specify full-time or part-time)</b>	<b>full-time</b>			
Kind of occupations	Number of hours	Number of groups		
lectures	-			
practical	<b>30</b>	<b>60</b>		
seminars	-	-		
independent	<b>15</b>	<b>60</b>		
<b>7. Topics and content of the course</b>				
Code type to borrow	Topic	Learning content	Learning outcome code	Teacher
<b>P-1</b>	<b>Features of the organization of care of patients in the conditions of a surgical hospital</b>	Written survey, tests, situational tasks,	ZN-1,UM-1-K-1,AV-1	Kushta Yuriy, Matviychuk Oleg, Herych Gnat, Paroniyak Mukola, Mahlovanyy Vitalii

		practical skills training		
<b>SIW-1</b>	<b>Features of care for patients with concomitant pathology</b>	Practical skills training	ZN-1,UM-1-K-1,AV-1	
<b>P-2</b>	<b>Asepsis and antiseptics. Coronavirus COVID infection. Etiology. Pathogenesis. Diagnosis. Algorithm of actions at registration of cases of a disease.</b>	Written survey, tests, situational tasks, practical skills training	ZN-2,UM-2-K-2,AV-2	Kushta Yuriy, Matviychuk Oleg, Herych Gnat, Paroniyak Mukola, Mahlovanyy Vitalii
<b>SIW-2</b>	<b>Prevention of nosocomial infection.</b>	Practical skills training	ZN-2,UM-2-K-2,AV-2	
<b>P-3</b>	<b>Surgical manipulations, surgery, care of operated patients</b>	Written survey, tests, situational tasks, practical skills training	ZN-3,UM-3-K-3,AV-3	Kushta Yuriy, Matviychuk Oleg, Herych Gnat, Paroniyak Mukola, Mahlovanyy Vitalii
<b>SIW-3</b>	<b>Prevention of transmission infections</b>	Practical skills training	ZN-3,UM-3-K-3,AV-3	
<b>P-4</b>	<b>Cardiopulmonary resuscitation</b>	Written survey, tests, situational	ZN-4,UM-4-K-4,AV-4	Kushta Yuriy, Matviychuk Oleg, Herych Gnat, Paroniyak

		tasks, practical skills training		Mukola, Mahlovanyy Vitalii
<b>SIW-4</b>	<b>Emergencies and first aid</b>	Practical skills training	ZN-4,UM- 4-K-4,AV- 4	
<b>P-5</b>	<b>Desmurgia</b>	Written survey, tests, situational tasks, practical skills training	ZN-5,UM- 5-K-5,AV- 5	Kushta Yuriy, Matviychuk Oleg, Herych Gnat, Paroniyak Mukola, Mahlovanyy Vitalii
<b>SIW-5</b>	<b>Transport immobilization</b>	Practical skills training	ZN-5,UM- 5-K-5,AV- 5	

When studying the discipline "Patient care (industrial practice in a surgical hospital)" uses a variety of teaching methods recommended for high school, namely:

- by sources of knowledge: verbal (explanation, lecture, conversation, discussion); visual (demonstration); practical (practical work, mastering practical skills), on which special emphasis is placed on the study of the discipline
- by the logic of the educational process: analytical (determining the general condition of the patient and the main signs of the disease), synthetic (clarifying the relationship of the main signs of disease, determining the best measures to ensure effective patient care), their combination - analytical-synthetic, and inductive method, deductive, their combination - translational method;
- by the level of independent mental activity: problem, partial-search, research.

Combining and generalizing the above teaching methods, when studying the discipline it is advisable to implement such methods of organizing classes as: the method of clinical cases,

problem-research method, the method of individual research and practical tasks, the method of competitive groups, the method of training technologies, the method of scientific conferences using interactive, interdisciplinary and information and computer technologies.

## 8. Verification of learning outcomes

### Current control

is carried out during the training sessions and aims to check the assimilation of students' educational material (it is necessary to describe the forms of current control during the training sessions). Forms of assessment of current educational activities should be standardized and include control of theoretical and practical training. The final grade for the current educational activity is set on a 4-point (national) scale

Learning outcome code	Code type to borrow	Method of verifying learning outcomes	Enrollment criteria
ZN-1-ZN-5 UM-1-UM-5 K1-K-5 AV-1-AV-5	P-1 - P-5, SIW-1-SIW-5	The practical lesson includes oral and written interviews, solving test tasks (to control the initial and final level of knowledge), solving typical and atypical situational problems, under the control of the teacher is training	The student independently performed this or that practical skill, clearly chose the necessary way to provide assistance in a particular clinical situation - "5"; The student independently performed this or that

		<p>relevant practical skills and professional skills</p> <p>The teacher uses interactive teaching methods such as "Microphone", "Incomplete sentence", "Discussion", "Competitive group method", "Brainstorming", "Case", etc.</p>	<p>practical skill, but at the same time made two or three insignificant mistakes - "4";</p> <p>The student can not independently choose an adequate way to help in a particular clinical situation, makes gross mistakes in performing practical skills - "3";</p> <p>The student does not show knowledge of ways to provide assistance in a particular clinical situation, can not give any correct answer to the question- "2"</p>
<b>Final control</b>			
General evaluation system	Participation in the work is evaluated on a 200-point scale		
Rating scales	traditional 4-point scale, multi-point (200-point) scale, ECTS rating scale		

Conditions of admission to the final control	The student attended all practical classes	
<b>Examination criteria / differentiated test</b>		
<b>Differentiated credit</b>	<p>The final control in the form of a differentiated test is carried out upon completion of the study of all topics in the last control lesson. Students who have completed all types of work provided by the curriculum and scored at least the minimum number are allowed to take the final control.</p> <p>Final control includes standardized control of theoretical readiness (testing, oral examination, assessment of individual tasks) and practical training (structured according to the procedure control of practical skills on simulators and models).</p>	<p><b>The maximum</b> number of points that a student can score when compiling a differential is 80.</p> <p><b>The minimum</b> number of points when compiling a difzalik - not less than 50.</p>
<p><b>The maximum</b> number of points that a student can score for the current academic activity for admission to the differentiated test is 120 points.</p> <p><b>The minimum</b> number of points that a student must score for the current academic activity for admission to the exam (differentiated test) is 72 points.</p> <p><b>The calculation</b> of the number of points is based on the student's score on a 4-point (national) scale during the study of the discipline, by calculating the arithmetic mean (CA), rounded to two decimal places.</p> <p>Students' independent work is assessed during the current control of the topic in the relevant lesson. Assimilation of topics that are submitted only for independent work is controlled during the final control.</p>		

## 9. Course policy

During the internship, students get acquainted with the clinic for the first time. The study of each of the modules is conducted in the form of a practical course, which involves: 1) mastering the theoretical material on the features of the hospital, basic medical manipulations and their practice under the supervision of a teacher (in the form of practical classes and consultations); 2) independent work of the student in the departments of the hospital and consolidation of the acquired knowledge and skills (independent work of students in extracurricular time according to the schedules developed by the departments).

## 10. Literature

### BASE:

1. Netyazhenko VZ, Schulipenko IM, Didkivska LA Patient care (general and special with the basics of nursing techniques): a textbook for students of higher medical educational institutions of the IV level of accreditation. - K.: Health, 2013. - 591 p.
2. Kovaleva OM, Forest VM, Shevchenko SI, Frolova TI Patient care (practice): a textbook for students of higher medical educational institutions of the IV level of accreditation - Type 3, ed. - K.: "Medicine" 2015. - 488 p.
3. Kasevich NM General patient care and medical manipulation techniques: a textbook for students of higher medical educational institutions of the IV level of accreditation / ed. VI Litvinenko. - 7th ed., Corrected. - K.: "Medicine", 2017. - 424 p.
4. First aid: a textbook / ed. VP Андрющенко. Yu.F. Kushta, D.V. Andryushchenko - L: LNMU, 2017. - 351 p.
5. Fundamentals of care for surgical patients: a textbook for students of VMNZ IV level of accreditation / Shumeiko IA, Ligonenko OV, Chorna IO, Zubakha AB, Digtyar II, Storozhenko O.B. - Poltava, 2015. - 160 p.
6. First pre-medical care: A textbook for students of higher educational institutions / BA Samura, VF Chernykh, IV Kireev, BB Samurai. - Kharkiv: Nfa Publishing House; Golden Pages, 2004. - 340 p.
7. Independent work of students on first aid. Textbook for students of pharmaceutical universities and faculties / BA Samura, BB Samura, G.P. Fomina et al. - Kharkiv: NfaU Publishing House, 2005.

- 120 p.

8. Care for patients and medical manipulation techniques: textbook /L.S. Savka, L.I. Razinkova, OI Kotzar; for order. L.M. Ковальчука, O.B. Кононова. - 3rd ed., Revised. and add. - K .: BCB "Medicine", 2017. - 600 p.

**Adding:**

1. Methods of examination of a surgical patient / ed. M. O. Lyapis. - Ternopil, 2000
2. Fomina NR Handbook of nursing care: Textbook. - M .: "Medicine", 2000. - 304 с.
3. Cline D.M., Ma O.J. Just the facts of emergency medicine. - Boston: McGraw Hill, 2001. - 596 p

**11. Information resources**

1. Yavorsky OG DVD-film "Care for the sick. Fundamentals of nursing "(in 2 parts) / Yavorsky OG, audio and video materials, 2013.
2. Yavorsky OG DVD-film "Examination of the patient. Fundamentals of nursing "(in 2 parts) / Yavorsky OG, audio and video materials, 2013.
3. In-depth analysis of different methods of measuring body temperature in children [electronic resource] - Access mode: <http://www.gradusnik.ru/rus/doctor/ped/w10md-termometr/>
4. Order of the Ministry of Health of Ukraine № 798 of 21.09.2010 On approval of methodical recommendations "Surgical and hygienic treatment of hands of medical staff" [electronic resource]. - Access mode: <http://medsoft.ucoz.ua>
5. Order of the Ministry of Health of Ukraine № 110 of 14.02.2012 On approval of forms of primary accounting documentation and instructions for their completion, used in health care facilities, regardless of ownership and subordination [electronic resource]. - Access mode: <http://medsoft.ucoz.ua>
6. Order of the Ministry of Health of Ukraine № 223 of 22.10.1993 On the collection, disinfection and delivery of used disposable medical devices from plastics [electronic resource]. - Access mode: <http://medsoft.ucoz.ua>

*Internet resources:*

1. With the topic "General examination of the patient"  
- <http://www.meddean.luc.edu/lumen/meded/medicine/pulmonar/pd/contents.htm>  
- <http://meded.ucsd.edu/clinicalmed/>
2. On ethical and deontological aspects of the work of a medical worker:  
- [http://archive.nbuv.gov.ua/portal/soc\\_gum/vzhdu/2011\\_57/vip\\_57\\_13.pdf](http://archive.nbuv.gov.ua/portal/soc_gum/vzhdu/2011_57/vip_57_13.pdf)  
- [http://archive.nbuv.gov.ua/portal/chem\\_biol/Mosv/2012\\_4/data/article22.pdf](http://archive.nbuv.gov.ua/portal/chem_biol/Mosv/2012_4/data/article22.pdf)



- [http://archive.nbu.gov.ua/portal/Soc\\_Gum/Npd/2012\\_1/2neranov.pdf](http://archive.nbu.gov.ua/portal/Soc_Gum/Npd/2012_1/2neranov.pdf).

3. Ministry of Health <http://www.moz.gov.ua/en/portal/>

4. Information and search legal system "Regulations of Ukraine (NAU)". <http://www.nau.ua>

### **1. Equipment, logistics and software discipline / course**

Turnstile "SAT" - 1

Hemostatic bandage – 1

Training auto-injector (Auvi-Q) - 2

Set to identify groups blood and rhesus factor - 1

Model-simulator for injections - 1

### **12. Additional information**

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Compiler of syllabus

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Doctor of medical sciences, professor -  
Andriushchenko Viktor Petrovych

