

Syllabus of discipline

Nursing practice - industrial practice in a surgical hospital

1. General information	
Name of the faculty	medical
Educational program (industry, specialty, level of higher education, form of education)	Area of knowledge 22 "Health" Specialty 222 "Medicine" the second (master's) level of higher education
Academic year	third
Name of discipline, code (e-mail address on the website of LNMU named after Danylo Halytsky)	Nursing practice is a production practice in a surgical hospital, Kaf_gensurgery@meduniv.lviv.ua
Department (name, address, phone, e-mail)	Department of General Surgery Lviv, Mykolaychuk street, 9 tel .: 258-74-86, fax: 291-72-31 Kaf_gensurgery@meduniv.lviv.ua
Head of the department (contact e-mail)	Professor Andrushchenko Victor Petrovich avp.victor@gmail.com
Year of study (year in which the study of the discipline)	3rd year, medical faculty
Semester (semester in which the study of the discipline is implemented)	VI semester
Type of course / module (compulsory / optional)	Selective component of WB 2.5
Teachers (names, surnames, scientific degrees and titles of teachers who teach the discipline, contact e-mail)	Kushta Yuriy Fedorovych, Candidate of Medical Sciences, Associate Professor, urijkushta @ gmail.com, Maglyovany Vitaliy Anatoliyovych, Candidate of Medical Sciences, Associate Professor, mahlovitaliy@gmail.com, Candidate of Medical Sciences, Associate Professor, Matviychuk Oleg Bogdanovich, Doctor of Medical Sciences, Associate Professor, oleh.matviychuk @ yahoo.com, Paranyak Mykola Romanovych, Candidate of Medical Sciences, mykolamd@gmail.com
Erasmus yes / no (availability of the discipline for students within the Erasmus + program)	-
Person responsible for the syllabus (person to be commented on the syllabus, contact e-mail)	Andryushchenko Viktor Petrovich, Doctor of Medical Sciences, Professor, avp.victor@gmail.com
Number of ECTS credits	1.5 credits
Number of hours (lectures / practical classes / independent work of students)	Practical classes -30, independent work - 15
Language of instruction	Ukrainian, English
Information about consultations	According to the established schedule
Address, telephone and regulations of the clinical base, office... (if	Department of General Surgery, LNMU, Lviv, Municipal City Clinical Ambulance Hospital медичної допомоги,

necessary)

street Mykolaychuk, 9
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2. Short annotation to the course

General characteristics, brief description of the course, features, benefits

The program of study of the discipline "Nursing practice" is made according to: The program of industrial practice in a surgical hospital "Nursing practice" is made on the basis of branch standards of higher education of Ukraine which are approved by the Order of the Ministry of Education and Science of Ukraine № 629 from 29.07.2004. in accordance with the Law of Ukraine "On Higher Education" dated 17.01.02, resolutions of the Cabinet of Ministers of Ukraine dated 20.01.98 № 65 on higher education and dated 07.08.98 № 1247 on state standards of higher education, order of the Ministry of Education and Science of Ukraine dated 331.07.98 № 285 on requirements to the state standards, the order of the Ministry of Health of Ukraine from 24.02.2000 № 35 about features of degree education of a medical and pharmaceutical direction; recommendations on the development of curricula of academic disciplines approved by the order of the Ministry of Health of Ukraine dated 24.03.2004 № 152 "On approval of recommendations on the development of curricula of academic disciplines" with changes and additions made by the order of the Ministry of Health of Ukraine dated 12.10.2004 №492 "On amendments to recommendations on the development of curricula of academic disciplines "; instructions for assessing the educational activities of students in the implementation of the European credit transfer system for the organization of the educational process, approved by the Ministry of Health of Ukraine on 15.04.2014; regulations on the organization of the educational process at the Lviv National Medical University named after Danylo Halytsky, approved by the Academic Council of the University on February 18, 2015, protocol №1-VR.

3. The purpose and objectives of the course

- 1. The purpose of teaching the discipline "Nursing practice (industrial practice in a surgical hospital)" is to master the basic techniques of professional activity of a nurse on the basis of 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 "Nursing Practice" 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, acquisition of basic practical skills of a nurse in a surgical hospital 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 seekers, formulated in terms of learning outcomes in the Standard of Higher Education).

According to the requirements of the Standard of Higher Education, the discipline provides students with the acquisition of competencies: -general: the ability to abstract thinking, analysis and synthesis, learn and master modern knowledge, apply knowledge in practical situations, to adapt and act in new situations, make informed decisions, work in a team, to 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 perform manipulations and procedures. Skills to perform medical manipulations.

2. Ability to provide the necessary mode of stay of the patient in a surgical hospital in the treatment of diseases.
3. Ability to ensure the appropriate nature of nutrition in the treatment of surgical diseases.
4. Skills in providing emergency medical care.
5. Ability to keep medical records.

4. Prerequisites of the course

Nursing practice in a surgical hospital is provided in the VI 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. which integrates the program of industrial practice. In turn, nursing practice 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 involves integration with these disciplines "vertically" and formation ability to apply knowledge of nursing practice 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
<i>The code is created when filling the syllabus (category: Zn-knowledge, Mind-ability, K-competence, AB - autonomy and responsibility)</i>	<i>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. To enroll in the discipline, it is necessary to confirm the achievement of each learning outcome.</i>	Symbol of the Program Learning Outcome Code in the Higher Education Standard
ZH -1	Ability to provide the necessary mode of hospital stay in the treatment of surgical disease	PR-1
U-1	To be able to provide the necessary mode of work and rest determined by the doctor at surgical treatment	PR-2
K-1	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-3
AB-1	To be responsible for ensuring the conditions of observance of the work regime prescribed by the doctor	PR-4
ZH -2	Emergency care skills	PR-5
U-2	Be able to provide emergency medical care in an emergency - to perform indirect heart massage and artificial respiration	PR-6
K-2	Explain the need and procedure for	PR-7

	emergency medical care.	
AB-2	Be responsible for the timeliness and quality of emergency medical care.	PR-8
U-3	Know the system of official document management in the professional work of medical staff, including modern computer information technology	PR-9
ZH-3	Be able to determine the source and location of the required information depending on its type; be able to process information and analyze it	PR-10
K-3	Obtain the necessary information from a specific source and on the basis of its analysis to form appropriate conclusions	PR-11
AB-3	To be responsible for the completeness and quality of the analysis of information and conclusions based on its analysis.	PR-12
U-4	Ability to ensure the appropriate nature of nutrition in the treatment of diseases	PR-13
ZH-4	Be able to provide the doctor's diet and eating conditions determined by the doctor	PR-14
K-4	Communicate to the patient, specialists conclusions about nutrition in the treatment of the disease	PR-15
AB-4	Be responsible for ensuring compliance with the diet and diet in the treatment of the disease	PR-16
U-5	Skills to perform medical manipulations	PR-17
ZH-5	Be able to perform medical manipulations provided by the program.	PR-18
K-5	Know the principles of manipulations and procedures in a surgical hospital.	PR-19
AB-5	To be responsible for timely and high-quality manipulations and procedures in a surgical hospital.	PR-20

6. Format and scope of the course

Course format (specify full-time or part-time)	visual	
Kind of occupations	Number of hours	Number of groups
lectures	-	
practical	30	60
seminars	-	-
independent	15	60

7. Topics and content of the course

Code type to borrow	Topic	Learning content	Learning outcome code	Teacher
P-1	Hemostasis. Blood Transfusion	Written survey, tests, situational tasks,	ZH-1,UM-1-K-1,AB-1	Assoc. Kushta Yu.F. Assoc.

		practical skills training		Maglyovany V.A. Assoc. Prof. Matviychuk OB Paranyak MR.
CPC-1	Features of the nurse's work with patients with concomitant pathology	Practical skills training	ZH-1,UM-1-K-1,AB-1	
P-2	Resuscitation measures in surgical patients	Written survey, tests, situational tasks, practical skills training	ZH-2,UM-2-K-2,AB-2	Assoc. Kushta Yu.F. Assoc. Maglyovany V.A. Assoc. Prof. Matviychuk OB Paranyak MR.
CPC-2	Prevention of nosocomial infection.	Practical skills training	ZH-2,UM-2-K-2,AB-2	
P-3	Traumatism (damages) and injuries.	Written survey, tests, situational tasks, practical skills training	ZH-3,UM-3-K-3,AB-3	Assoc. Kushta Yu.F. Assoc. Maglyovany V.A. Assoc. Prof. Matviychuk OB Paranyak MR..
CPC-3	Prevention of transmission infections	Practical skills training	ZH-3,UM-3-K-3,AB-3	
P-4	Desmurgia.	Written survey, tests, situational tasks, practical skills training	ZH-4,UM-4-K-4,AB-4	Assoc. Kushta Yu.F. Assoc. Maglyovany V.A. Assoc. Prof. Matviychuk OB Paranyak MR.
CPC-4	Emergencies and first aid	Practical skills training	ZH-4,UM-4-K-4,AB-4	
P-5	Surgical infection	Written survey, tests,	ZH-5,UM-5-K-5,AB-5	Assoc. Kushta

		situational tasks, practical skills training		Yu.F. Assoc. Maglyovany V.A. Assoc. Prof. Matviychuk OB Paranyak MR.
CPC-5	Transport immobilization	Practical skills training	ZH-5,UM-5-K-5,AB-5	

When studying the discipline "Nursing practice (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, partially exploratory, research.

8. Verification of learning outcomes

Current control

is carried out during training sessions and aims to check the assimilation of students of educational material (it is necessary to describe the forms of current control during 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
ZH-1-ZH-5 UM-1-UM-5 K1-K-5 AB-1-AB-5	P-1 - P-5, CPC-1-CPC-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 relevant practical skills and professional skills The teacher uses	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 practical skill, but at the same time made two or three insignificant mistakes - "4"; The student can not

		interactive teaching methods such as "Microphone", "Incomplete sentence", "Discussion", "Competitive group method", "Brainstorming", "Case", etc.	independently choose an adequate way to help in a particular clinical situation, makes gross mistakes in performing practical skills - "3"; 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"
Final control			
General evaluation system	<p>The minimum 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>The calculation of the number of points is based on the grades obtained by the student on a 4-point (national) scale during the study of the discipline, by calculating the arithmetic mean (CA), rounded to two decimal places. The resulting value is converted into points on a multi-point scale as <i>follows</i>:</p> $x = \frac{CA \times 120}{5}$ <p><i>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.</i></p> <p><i>The maximum number of points that a student can score when taking a differentiated test is 80.</i></p> <p><i>The minimum number of points in the differentiated test - not less than 50.</i></p>		
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		
Examination criteria / differentiated test			
Differentiated credit	<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 for in the curriculum and scored at least the minimum number of students are admitted to 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</p>		<p>The maximum number of points that a student can score when compiling a differential is 80.</p> <p>The minimum number of points when compiling a differential credit - not less than 50.</p>

	control of practical skills on simulators and models).	
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9. Course policy

During the internship, students get acquainted with the clinic. 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. Література

10. Literature

1. General surgery / ed. SP Zhuchenko, MD Zheliba, SD Khimich. Kyiv, Health, 1999.
2. General surgery. Selected lectures / ed. BI Dmitriev. Odessa, 1999.
3. First aid: a textbook / ed. VP Андрющенко. Yu.F. Kushta, D.V. Andryushchenko - L: LNMU, 2017. - 351 p.
4. Kasevich NM General patient care and medical manipulation techniques: textbook. for students. higher honey. textbook lock I-III levels of accreditation / ed. VI Litvinenko. - 7th ed., Corrected. - K.: Медицина, 2017. - 424 с.
5. Kazitsky VM, Korzh NA Desmurgia. Kyiv, 1999.
6. Shumeiko IA, Ligonenko OV, Chorna IO, Zubakha AB, Digtyar II, Storozhenko. O.B. - Poltava, 2015. - 160 p.
7. 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.
8. 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.
9. Patient care and medical manipulation techniques: textbook /L.S. Savka, L.I. Razinkova, OI Kotzar; for order. L.M. Ковальчука, О.В. Кононова. - 3rd ed., Revised. and add. - К .: BCB "Медицина", 2017. - 600 с.
10. Methods of examination of a surgical patient / ed. M. O. Lyapis. - Ternopil, 2000
11. Cline D.M., Ma O.J. Just the facts of emergency medicine. - Boston: McGraw Hill, 2001. - 596 p.
12. Datsenko BM Theory and practice of local treatment of purulent wounds. Kiev, 1995.
13. Treshchinsky AI, Saenko VF Sepsis and antibacterial therapy. Kiev, 1997
14. Cherenko MP, Wawrik JM General surgery // Kyiv, "Health", 1999.

15. Cherenko MP, Vavrik JM General surgery // Kyiv, "Health", 2004.
16. Mokshonov IY, Garelin PV, Dubovin OI et al. Surgical operations // Minsk, 2004, p.413.
17. Mokshonov I.Ya. Medical deontology // Minsk, 1998.
18. Chen G., Sonnendai K.J., Lilremo K.D. Guide to the technique of medical manipulation (2nd edition) translated from English // Moscow .: Medical Literature. - 2002. - 384 p.
19. Kasevich NM Workshop on nursing. - K .: "Health", 2005.
- 20 . Pasechko NV Basics of nursing. - Ternopil Ukrmedknyha, 1999.

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/chem_biol/Mosv/2012_4/data/article22.pdf.
 - http://archive.nbuv.gov.ua/portal/Soc_Gum/Npd/2012_1/2neranov.pdf.
3. *Ministry of Health* <http://www.moz.gov.ua/ua/portal/>
10. *Information and search legal system "Regulations of Ukraine (NAU)".* <http://www.nau.ua>

11. Equipment, logistical and software of the discipline / course

Turnstile "SAT" - 1
Hemostatic bandage - 1
Hemostatic tourniquet - 3
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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Syllable stacker

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Syllabus translator

Sprin O.Yu. senior laboratory assistant

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Head of Department

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