

Syllabus of the discipline General Surgery

1. General i	nformation
Name of the faculty	medical
Educational program (industry, specialty,	Area of knowledge 22 "Health"
level of higher education, form of education)	Specialty 222 "Medicine"
	Educational qualification "Master of
	Medicine"
	Professional qualification "Doctor"
	Form of study - full-time
Academic year	third
Name of discipline, code (e-mail address on	General surgery
the website of LNMU named after Danylo Halytsky)	OK24, professional training
Department (name, address, phone, e-mail)	Department of General Surgery
	Lviv, I. 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	V-VI semester
discipline is implemented)	
Type of course / module (compulsory / optional)	Professional training
Teachers (names, surnames, scientific degrees	Andryushchenko Viktor Petrovich, Doctor of
and titles of teachers who teach the discipline,	Medical Sciences, Professor, avp.victor @
contact e-mail)	gmail.com, Kushta Yuriy Fedorovich,
	Candidate of Medical Sciences, Associate
	Professor, urijkushta @ gmail.com,
	Maglyovany Vitaliy Anatoliyovych,
	Candidate of Medical Sciences, Associate
	Professor, mahlovitaliy@gmail.com, Gerich
	Gnat Ihorovych, Assistant,
	hnatok@gmail.com, Matviychuk Oleh
	Bogdanovych, Doctor of Medical Sciences,
	Associate Professor
	oleh.matviychuk@yahoo.com, Paranyak
	Mykola Romanovych, Candidate of Medical
	Sciences, Assistant, mykolamd@gmail.com
Erasmus yes / no (availability of the discipline	-
for students within the Erasmus + program)	
Person responsible for the syllabus (person to be	Andryushchenko Viktor Petrovich, Doctor of
commented on the syllabus, contact e-mail)	Medical Sciences, Professor,

	avp.victor@gmail.com
Number of ECTS credits	6 (180 hours)
Number of hours (lectures / practical classes /	Lectures - 30, practical classes - 70,
independent work of students)	independent work - 80
Language of instruction	Ukrainian, English
Information about consultations	According to the established schedule
Address, telephone and rules of operation of the	Department of General Surgery, Lviv
clinical base, office) (if necessary)	National Medical University, Lviv, Municipal
	City Clinical Emergency Hospital,
	Mykolaychuka street, 9
	Kaf_gensurgery@meduniv.lviv.ua

2. Short annotation to the course

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

"General surgery" is a clinical discipline, during the study of which students acquire basic theoretical knowledge on the organization of surgical care, desmurgia, organization of sanitary and epidemiological regime in a surgical clinic, bleeding and its cessation, transfusiology, anesthesiology and resuscitation, various traumatic lesions. surgical infection, transplantology, oncology, examination of a surgical patient, care of patients, etc. Assimilation of theoretical material is accompanied by the acquisition of appropriate integrated, general and professional competencies. The subject of study of the discipline "General Surgery" are: measures for the organization of sanitary and epidemiological regime in the surgical clinic; dressing material and methods of its application; bleeding and ways of its temporary and final stop; transfusion of donor blood components, complications of blood transfusion and their prevention; basics of anesthesiology and resuscitation; clinic, diagnosis, first aid, principles of treatment for traumatic injuries; general issues of surgical infection, clinic, diagnosis, treatment, prevention of certain types of surgical infection; basics of transplantology, basics of clinical oncology; methodology of examination of a surgical patient.

3. The purpose and objectives of the course

- 1. The purpose of the course The purpose of teaching the discipline "General Surgery" is:
- mastering systematic knowledge on the organization of surgical care and prevention of the spread of nosocomial infection;
- formation of practical skills in the use of dressings;
- mastering the skills of caring for surgical patients;
- acquaintance with the principles of local and general anesthesia, mastering the algorithms for diagnosing terminal conditions, clinical death and conducting activities for basic life support;
- acquaintance with the basics of transfusiology and mastering the methods of transfusion of donor blood components and ensuring the prevention of blood transfusion complications;
- mastering the ability to diagnose various traumatic injuries and provide first aid, mastering the principles of treatment of traumatic injuries in the hospital;
- mastering general knowledge about surgical infection, the ability to diagnose surgical infectious diseases; mastering the principles and features of treatment of various surgical infectious processes and methods for their prevention;
- acquaintance with the basics of transplantation;
- mastering the knowledge of the basics of clinical oncology;
 - formation of practical skills in the examination of a surgical patient and registration of its results in the medical card of an inpatient.
- 2. Learning objectives mastering the basic measures necessary for the organization of work in the surgical department and ensuring the prevention of the occurrence and spread of nosocomial infections; acquisition of practical skills in applying bandages using a variety of dressings acquisition of practical skills for first aid in conditions such as bleeding, closed soft tissue damage, bone fracture, dislocation, prolonged compression syndrome, wound, burn, frostbite acquisition of practical skills for the preparation and transfusion of blood components of the donor, the acquisition of knowledge of the basics of local and general anesthesia, to acquire the ability to choose the

method of analgesia depending on the patient's condition and existing surgical pathology.

3. Competences and learning outcomes, the formation of which provides the study of the discipline (general and special competencies):

general:

- 1. ability to abstract thinking, analysis and synthesis;
- 2. the ability to learn and master modern knowledge;
- 3. ability to apply knowledge in practical situations;
- 4. ability to plan and manage time;
- 5. knowledge and understanding of the subject area and understanding of professional activity;
- 6. skills of using information and communication technologies;
- 7. ability to adapt and act in a new situation;
- 8. ability to make informed decisions;
- 9. ability to work in a team;
- 10. interpersonal skills;
- 11. determination and persistence in terms of tasks and responsibilities;
- 12. desire to preserve the environment;
- 13. ability to act on the basis of ethical considerations

special (professional, subject):

- 1. history taking in a surgical patient;
- 2. conducting an objective examination of the surgical patient;
- 3. assessment of the severity of clinical manifestations of the disease;
- 4. drawing up a survey plan and evaluating their results;
- 5. differential diagnosis;
- 6. providing care for the seriously ill;
- 7. identify and assess acute medical conditions;
- 8. first aid.

9.

4. Prerequisites for the course

The discipline "General Surgery" is based on the knowledge acquired by students during the study of such fundamental disciplines as anatomy, histology, physiology, pathological anatomy, pathological physiology, propaedeutics of internal medicine, pharmacology, and lays the foundations for clinical surgery, traumatology and orthopedics. , neurosurgery, obstetrics, gynecology, anesthesiology, resuscitation and other disciplines involving the use of surgical treatments.

5. Program learning outcomes			
Lis	t of learning outcomes		
Learning outcome code	The content of the learning outcome	Reference to	
		the	
		competency	
		matrix code	
The code is created when filling the	Learning outcomes determine that the	Symbol of the	
syllabus	student must know, understand and be	Program	
(category: Zn-knowledge,	able to perform, after completing the	Learning	
Mind-ability, K-competence, AB -	discipline. Learning outcomes follow	Outcome	
autonomy and responsibility)	from the set learning goals.	Code in the	
	To enroll in the discipline, it is	Higher	
	necessary to confirm the achievement	Education	
	of each learning outcome.	Standard	
ZH -1 -	Know the possible complaints and the	PR-1	
	sequence of collecting information		
	about the disease in the patient		
U-1	Be able to consistently gather all the	PR -2	
	information about the disease from the		

AB-1 Ability to establish interpersonal relationships Be responsible for the implementation of ethical and deontological norms CH -2 Know the sequence of application of the method of objective examination of the patient U-2 Be able to perform all regulated methods of examination in the appropriate sequence and evaluate the results CH -2 Ability to establish contact with the patient during an objective examination AB-2 Be responsible for the correctness and interpretation of the results obtained during the objective examination AB-2 Be responsible for the correctness and interpretation of the results obtained during the objective examination AB-3 Be able to choose and apply the appropriate scale to assess the clinical course of the disease CH-3 Use information and communication technologies in professional activities AB-3 Be responsible for the interpretation of the results obtained assessing the clinical course of the disease U-4 Drawing up a survey plan and evaluating the results obtained CH-4 Be able to analyze the results of laboratory and instrumental research methods AB-4 Be responsible for the correctness and interpretation of their results of laboratory and instrumental research methods AB-4 Be responsible for the correctness and interpretation of their results of laboratory and instrumental research methods AB-4 Be responsible for the correctness and interpretation of their results C-2 Carrying out differential diagnostics AB-4 Be responsible for the correctness and interpretation of their results C-3 Carrying out differential diagnostics AB-6 Be able to make a differential diagnostic between various infectious surgical diseases and stages of their development C-3 Carrying out differential diagnostics between various infectious surgical diseases and stages of their development C-4 Carrying on their results of differential diagnosis of the res		patient's words	
AB-1 Be responsible for the implementation of rethical and deontological norms Know the sequence of application of the method of objective examination of the patient U-2 Be able to perform all regulated methods of examination in the appropriate sequence and evaluate the results K-2 Ability to establish contact with the patient during an objective examination Be responsible for the correctness and interpretation of the results obtained during the objective examination U-3 Be responsible for the correctness and interpretation of the results obtained during the objective examination U-3 Be able to choose and apply the appropriate scale to assess the clinical course of the disease K-3 Use information and communication technologies in professional activities AB-3 Be responsible for the interpretation of the results obtained in assessing the clinical course of the disease U-4 Drawing up a survey plan and evaluating the results obtained AB-4 Be able to analyze the results of laboratory and instrumental research methods K-4 Be able to analyze the results of laboratory and instrumental research methods AB-4 Be responsible for the correctness and timeliness of relevant research and interpretations of traumatic injuries, surgical infection and other urgent surgical conditions K-5 Be able to make a differential diagnostics between traumatic injuries, surgical infection and other urgent surgical conditions Be able to make a differential diagnostics between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the patient and specialists the conferential diagnosis of the results of differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development	K-1	Ability to establish interpersonal	PR-3
Know the sequence of application of the method of objective examination of the patient	AB-1	Be responsible for the implementation	PR-4
Be able to perform all regulated methods of examination in the appropriate sequence and evaluate the results	ZH -2	Know the sequence of application of the method of objective examination	PR-5
AB-2 Be responsible for the correctness and interpretation of the results obtained during the objective examination U-3 Have knowledge of the clinical course of the disease ZH-3 Be able to choose and apply the appropriate scale to assess the clinical course of the disease K-3 Use information and communication technologies in professional activities Be responsible for the interpretation of the results obtained of the results obtained of the disease U-4 Drawing up a survey plan and evaluating the results obtained ZH-4 Have specialized knowledge of methods of laboratory and instrumental research methods K-4 Be able to analyze the results of laboratory and interpretation of their results U-5 Carrying out differential diagnostics ZH-5 Have knowledge of clinical manifestations of traumatic injuries, surgical infection and other urgent surgical conditions K-5 Be able to make a differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the conclusions of the results of differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the conclusions of the results of differential diagnosis between various of the results of differential diagnosis between traumatic injuries, be able to form and bring to the conclusions of the results of differential diagnosis between various infectious surgical diseases and stages of their development	U-2	Be able to perform all regulated methods of examination in the appropriate sequence and evaluate the	PR-6
U-3 Have knowledge of the clinical course of the disease ZH-3 Be able to choose and apply the appropriate scale to assess the clinical course of the disease K-3 Use information and communication technologies in professional activities Be responsible for the interpretation of the results obtained in assessing the clinical course of the disease U-4 Drawing up a survey plan and evaluating the results obtained TH-4 Have specialized knowledge of methods of laboratory and instrumental research K-4 Be able to analyze the results of laboratory and instrumental research methods AB-4 Be responsible for the correctness and timeliness of relevant research and interpretation of their results U-5 Carrying out differential diagnostics Have knowledge of clinical manifestations of traumatic injuries, surgical infection and other urgent surgical conditions K-5 Be able to make a differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis	K-2	patient during an objective	PR-7
Be able to choose and apply the appropriate scale to assess the clinical course of the disease K-3 Use information and communication technologies in professional activities Be responsible for the interpretation of the results obtained Drawing up a survey plan and evaluating the results obtained The results of aboratory and instrumental research The results of a laboratory and instrumental research methods The results of a laboratory and instrumental research methods The results of relevant research and interpretation of their results The results of relevant research and interpretation of their results The results of relevant research and interpretation of their results The results of relevant research and interpretation of their results The results of relevant research and interpretation of their results The results of the results of the results of their results of the res	AB-2	interpretation of the results obtained	PR-8
AB-4 Be responsible for the correctness and timeliness of relevant research methods AB-4 Be responsible for the correctness and timeliness of relevant research and interpretation of the two finites and timeliness of relevant research and interpretation of the tresults obtained of the methods AB-4 Be responsible for the interpretation of the results obtained or methods of laboratory and instrumental research Be able to analyze the results of laboratory and instrumental research methods AB-4 Be responsible for the correctness and timeliness of relevant research and interpretation of their results U-5 Carrying out differential diagnostics ZH-5 Have knowledge of clinical manifestations of traumatic injuries, surgical infection and other urgent surgical conditions K-5 Be able to make a differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis	U-3		PR-9
AB-3 Be responsible for the interpretation of the results obtained in assessing the clinical course of the disease. U-4 Drawing up a survey plan and evaluating the results obtained ZH-4 Have specialized knowledge of methods of laboratory and instrumental research K-4 Be able to analyze the results of laboratory and instrumental research methods AB-4 Be responsible for the correctness and timeliness of relevant research and interpretation of their results U-5 Carrying out differential diagnostics ZH-5 Have knowledge of clinical manifestations of traumatic injuries, surgical infection and other urgent surgical conditions K-5 Be able to make a differential of PR-17 Be able to make a differential of PR-18 diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis	ZH-3	appropriate scale to assess the clinical	PR-10
AB-3 Be responsible for the interpretation of the results obtained in assessing the clinical course of the disease U-4 Drawing up a survey plan and evaluating the results obtained ZH-4 Have specialized knowledge of methods of laboratory and instrumental research K-4 Be able to analyze the results of laboratory and instrumental research methods AB-4 Be responsible for the correctness and timeliness of relevant research and interpretation of their results U-5 Carrying out differential diagnostics ZH-5 Have knowledge of clinical manifestations of traumatic injuries, surgical infection and other urgent surgical conditions K-5 Be able to make a differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis	K-3		PR-11
U-4 Drawing up a survey plan and evaluating the results obtained ZH-4 Have specialized knowledge of methods of laboratory and instrumental research K-4 Be able to analyze the results of laboratory and instrumental research Be responsible for the correctness and timeliness of relevant research and interpretation of their results U-5 Carrying out differential diagnostics ZH-5 Have knowledge of clinical manifestations of traumatic injuries, surgical infection and other urgent surgical conditions K-5 Be able to make a differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis	AB-3	Be responsible for the interpretation of the results obtained in assessing the	PR-12
Have specialized knowledge of methods of laboratory and instrumental research K-4 Be able to analyze the results of laboratory and instrumental research methods AB-4 Be responsible for the correctness and timeliness of relevant research and interpretation of their results U-5 Carrying out differential diagnostics PR-16 Have knowledge of clinical manifestations of traumatic injuries, surgical infection and other urgent surgical conditions K-5 Be able to make a differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis	U-4	Drawing up a survey plan and	PR-13
K-4 Be able to analyze the results of laboratory and instrumental research methods AB-4 Be responsible for the correctness and timeliness of relevant research and interpretation of their results U-5 Carrying out differential diagnostics PR-16 Have knowledge of clinical manifestations of traumatic injuries, surgical infection and other urgent surgical conditions K-5 Be able to make a differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis	ZH-4	Have specialized knowledge of methods of laboratory and	PR-14
AB-4 Be responsible for the correctness and timeliness of relevant research and interpretation of their results U-5 Carrying out differential diagnostics PR-16 Have knowledge of clinical manifestations of traumatic injuries, surgical infection and other urgent surgical conditions K-5 Be able to make a differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis	K-4	Be able to analyze the results of laboratory and instrumental research	PR-15
U-5 ZH-5 Have knowledge of clinical manifestations of traumatic injuries, surgical infection and other urgent surgical conditions K-5 Be able to make a differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis	AB-4	Be responsible for the correctness and timeliness of relevant research and	PR-16
manifestations of traumatic injuries, surgical infection and other urgent surgical conditions K-5 Be able to make a differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis	U-5		PR-16
K-5 Be able to make a differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages of their development AB-5 It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis	ZH-5	manifestations of traumatic injuries, surgical infection and other urgent	PR-17
AB-5 It is reasonable to form and bring to the patient and specialists the conclusions of the results of differential diagnosis	K-5	Be able to make a differential diagnosis between traumatic injuries, be able to distinguish between various infectious surgical diseases and stages	PR-18
	AB-5	It is reasonable to form and bring to the patient and specialists the conclusions of the results of	PR-19
	U-6	Providing care for the seriously ill	PR-20

		1
ZH-6	To have knowledge about the	PR-21
	organization of comfortable stay of the	
	patient in a hospital and rules of	
	maintenance of vital needs of an	
To c	organism	DD 22
К-6	Have the skills to care for the patient	PR-22
	in a hospital, be able to determine and	
	assess the general condition of the	
	patient, the basic parameters of his life	
AB-6	Effectively form a communication	PR-23
	strategy in contact with the patient,	
	enter information into the relevant	
	documentation	
11.7		DD 24
U-7	Detect and evaluate acute medical	PR-24
	conditions	
ZH-7	Have knowledge of clinical	PR-25
	manifestations and stages of	
	development of acute medical	
	conditions	
K-7	Be able to quickly detect and diagnose	PR-26
IX /	acute medical conditions, be able to	. 11 20
	organize an appropriate diagnostic	
	program	
AB-7	Be responsible for the timely detection	PR-27
	and assessment of the patient's	
	immediate medical condition	
U-8	Providing basic life support and	PR-28
	cardiopulmonary resuscitation in	
	accordance with current European	
	recommendations	
711.0		DD 20
ZH-8	Have specialized knowledge about	PR-29
	terminal conditions, their clinical	
	manifestations	
K-8	Be able to quickly diagnose terminal	PR-30
	condition, clinical death. Be able to	
	carry out basic life support activities	
AB-8	To be responsible for timely detection	PR-31
	of a terminal condition, for correctness	
	of carrying out of actions for	
	, ,	
11.0	elementary support of life	DD 22
U-9	First aid	PR-32
3H-9	Have specialized knowledge about	PR-33
	urgent human conditions; know the	
	algorithms of first aid	
K-9	Be able to consistently and correctly	PR-34
	perform first aid measures in	
	accordance with the emergency	
AD O		PR-35
AB-9	Be responsible for the correctness and	[FN-33
77.40	consistency of first aid	
U-10	Pain treatment	PR-36
ZH-10	Have specialized knowledge about the	PR-37
	pathogenesis of pain and pathological	
	conditions that occur as a result of	
	pain	
	I T	I .

K-10	Be able to choose and apply the	PR-38
	appropriate treatment or drug to	
	prevent and reduce pain and its	
	consequences	
AB-10	To be responsible for the timeliness	PR-40
	and correctness of the use of	
	appropriate measures and drugs to	
	prevent and reduce the manifestations	
	of pain	
U-11	Prescribing appropriate treatment	PR-41
ZH-11	Have specialized knowledge of	PR-42
	algorithms and treatment regimens for	
	traumatic injuries and surgical	
	infection	
K-11	Be able to choose the necessary set of	PR-43
	treatment measures depending on the	
	pathological condition	
AB-11	To be responsible for the timeliness	PR-44
<i>11</i> 1 − 11	and correctness of the choice of	111 77
	treatment program for a patient with	
U-12	traumatic injury, surgical infection	PR-45
0-12	Carrying out medical manipulations and procedures	PK-45
711 12	•	PR-46
ZH-12	Have specialized knowledge of	PN-40
	anatomy and normal physiology.	
	Knowledge of algorithms for	
	performing medical procedures and	
	manipulations: blood pressure	
	measurement, venipuncture, vein	
	catheterization, intravenous	
	transfusion, subcutaneous,	
	intramuscular injection,	
	catheterization of the bladder, lavage	
	Stomach probe, enema, shaving the	
71.12	operating field	
K-12	Be able to perform a medical	PR-47
	procedure or perform medical	
	manipulation according to the	
	algorithm	
AB-12	To be responsible for the quality of	PR-48
	execution of this or that medical	
	procedure or manipulation	
U-13	Transportation of the patient	PR-49
ZH-13	Have knowledge of the means and	PR-50
	methods of transporting the patient	
K-13	Be able to assess the possibility of	PR-51
	transporting the patient and choose the	
	appropriate method	
AB-13	To be responsible for the correctness	PR-52
	of the assessment of the possibility of	
	transporting the patient and the choice	
	of means of transportation	
U-14	Transfusion of donor blood	PR-53
	components	

ZH-14	Have specialized knowledge of blood	PR-54
	physiology. Know the algorithms for	
	compatibility tests for blood	
	transfusion of blood drugs	
K-14	Be able to perform compatibility tests	PR-55
	before blood transfusion. Be able to	
	perform the blood transfusion itself	
AB-14	To be responsible for the correctness	PR-56
	of compatibility tests before blood	
	transfusion, and the transfusion of the	
	blood product	
U-15	Apply measures to prevent the	PR-57
	occurrence and spread of nosocomial	
	infection	
ZH-15	Have specialized knowledge on	PR-58
	antiseptics, disinfection,	
	organizational anti-epidemic	
	measures, asepsis	
K-15	Be able to organize an appropriate	PR-59
	sanitary-epidemic regime in the	
	premises of the surgical department	
AB-15	Be responsible for compliance with	PR-60
	the rules of sanitary and	
	epidemiological regime	
	mat and scope of the course	
Course format	Eye	
(specify full-time or part-time)		T
Kind of occupations	Number of hours	Number of
		groups
lectures	30	60 (domestic +
		foreign)
practical	70	60
seminars	•	-
independent	80	60

7. Topics and content of the course

	7. Topics and conten	it of the course		
Code type to	Topic	Learning	Learning	Teacher
borrow		content	outcome	
			code	
L-1 (lecture-	Surgery as a science. A short essay	Information-	ZH-	Doc. Kushta
1)	on the history of surgery. Domestic	on	1,UM-1-	Yu.F. Doc.
	and foreign surgical schools.	lecture,	K-1,AB-1	Mahlovanyj
	Questions of professional ethics and	visualization -		V.A., Doc.
	deontology. Legal and legal aspects	tables,		Matviychuk
	of the surgeon's activity.	drawings,		O.B.
		videos		

P-1 (practical lesson 1)	Desmurgia. Definition. Overlay rules and types of bandages. Typical bandages on the upper limb, head, neck, chest.	Written survey, tests, situational tasks, practical skills training	ZH- 1,UM-1- K-1,AB-1	Doc. Kushta YU.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-1 (independent work 1)	Topic 1. Desmurgia. Definition. Overlay rules and types of bandages. Typical bandages on the upper limb,	Тренінг практичних навичок	ZH- 1,UM-1- K-1,AB-1	
L-2	head, neck, chest. Antisepsis. Historical background. Ways of spreading exogenous and endogenous infection. Types of antiseptics. Characteristics of antiseptics and methods of their application. Asepsis. Definition. Nosocomial infection, sanitary-epidemic regime. Aseptic mode. Prevention of the spread of HIV infection. Coronavirus COVID infection. Algorithm of actions at disease registration.	Information- on lecture, visualization - tables, drawings, videos	ZH- 2,UM-2- K-2,AB-2	
P-2	Desmurgia. Bandages on the abdomen, perineum, lower extremity. Plaster technique.	Written survey, tests, situational tasks, practical skills training	ZH- 2,UM-2- K-2,AB-2	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R
CPC-2	Topic 2. Desmurgia. Bandages on the abdomen, perineum, lower extremity. Plaster technique.	Practical skills training	ZH- 2,UM-2- K-2,AB-2	
L-3	Bleeding. Classification. Causes of bleeding. Blood loss. Changes in the body in acute blood loss. Clinical signs and diagnosis of various bleedings. Determining the amount of blood lost. Temporary and final cessation of bleeding.	Information- on lecture, visualization - tables, drawings, videos	ZH- 3,UM-3- K-3,AB-3	
P-3	Asepsis and antiseptics. Types of antiseptics. Characteristics of the main groups of antiseptics and the main methods of their application. Coronavirus COVID-infection. Algorithm of actions at disease registration.	Written survey, tests, situational tasks, practical skills training	ZH- 3,UM-3- K-3,AB-3	Doc. Kushta Yu.F. Doc. Mahlovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-3	Topic 3. Asepsis and antiseptics. Types of antiseptics. Characteristics of the main groups of antiseptics and the main methods of their	Practical skills training	ZH- 3,UM-3- K-3,AB-3	

	application.			
L-4	Fundamentals of clinical transfusiology. Blood transfusion as a living tissue transplant operation. Antigenic blood system. Blood groups. Clinical significance of group differentiation. Indications and contraindications to blood transfusion. Methods of blood transfusion. Complications of blood transfusion: classification, diagnosis, treatment, prevention. Prevention of transmission of infections (viral hepatitis, syphilis, malaria, HIV infection). Alternatives to blood transfusions and blood components. Blood substitutes, classification. Mechanism of action. Indications for use	Information- on lecture, visualization - tables, drawings, videos	ZH- 4,UM-4- K-4,AB-4	
P-4	Asepsis. Modern methods of sterilization. Nosocomial infection. Sanitary and epidemiological regime. Prevention of transmissible infections	Written survey, tests, situational tasks, practical skills training	ZH- 4,UM-4- K-4,AB-4	Doc. Kushta Yu.F. Doc. Mahlovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-4	Topic 4. Asepsis. Modern methods of sterilization. Nosocomial infection. Sanitary and epidemiological regime. Prevention of transmissible infections		ZH- 4,UM-4- K-4,AB-4	
L-5	Anesthesiology. Varieties of local anesthesia and anesthesia. Indications and contraindications to the use of various methods of local and general anesthesia. Complications of local and general anesthesia, their prevention and treatment.	Information- on lecture, visualization - tables, drawings, videos	ZH- 5,UM-5- K-5,AB-5	
P-5	Bleeding and blood loss. Methods of temporary and final cessation of bleeding. Hemorrhagic shock	Written survey, tests, situational tasks, practical skills training	ZH- 5,UM-5- K-5,AB-5	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-5	Topic 5. Bleeding and blood loss. Methods of temporary and final cessation of bleeding. Hemorrhagic shock	Practical skills training	ZH- 5,UM-5- K-5,AB-5	
L-6	Trauma and trauma. Traumatic injuries of soft tissues, bones, joints,	Information- on	ZH- 6,UM-6-	

	skull, abdomen, chest: clinical signs, diagnosis, first aid, principles of treatment. Polytrauma. Prolonged compression syndrome	lecture, visualization - tables, drawings, videos	K-6,AB-6	
P-6	Blood transfusion. Determination of blood groups by ABO and Rh-factor systems. Samples for individual compatibility by ABO and Rh-factor systems, biological test. Complications of blood transfusion and their prevention.	Written survey, tests, situational tasks, practical skills training	ZH- 6,UM-6- K-6,AB-6	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-6	Topic 6. Blood transfusion. Determination of blood groups by ABO and Rh-factor systems. Samples for individual compatibility by ABO and Rh-factor systems, biological test. Complications of blood transfusion and their prevention.	Practical skills training	ZH- 6,UM-6- K-6,AB-6	
L-7	Wounds: classification, clinical signs, diagnosis. Wound process. Types of wound healing. Prevention of wound infection. Wound healing.	Information- on lecture, visualization - tables, drawings, videos	ZH- 1,UM-1- K-1,AB-1	
P-7	Donation. Prevention of transmission of infectious diseases during transfusion of blood components. Blood components and blood substitutes: classification, mechanism of action, indications and methods of application.	Written survey, tests, situational tasks, practical skills training	ZH- 1,UM-1- K-1,AB-1	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-7	Topic 7. Donation. Prevention of transmission of infectious diseases during transfusion of blood components. Blood components and blood substitutes: classification, mechanism of action, indications and methods of application.	Practical skills training	ZH- 7,UM-7- K-7,AB-7	
L-8 P-8	Thermal injury. Burns: pathogenesis, classification, clinic, first aid, principles of treatment. Electrotrauma: the mechanism of electric shock, clinical signs, diagnosis, first aid and its features. Cold lesions: pathogenesis, classification, clinic, first aid, principles of treatment. Local anesthesia. Types. Method.	Information- on lecture, visualization - tables, drawings, videos	ZH- 8,UM-8- K-8,AB-8	Doc. Kushta

	Indications and contraindications.	survey, tests, situational tasks, practical skills training	8,UM-8- K-8,AB-8	Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-8	Topic 8. Local anesthesia. Types. Method. Indications and contraindications.	Practical skills training	ZH- 8,UM-8- K-8,AB-8	
L-9	General issues of surgical infection. Pathogens of nonspecific surgical infection and mechanisms of their aggression. Translocation of microflora. Local and general reaction of the organism. Diagnostic methods and general principles of treatment. HIV infection in surgery.	Information- on lecture, visualization - tables, drawings, videos	ZH- 9,UM-9- K-9,AB-9	
P-9	General anesthesia. Inhalation and non-inhalation anesthesia. Types, indications and contraindications, complications.	Written survey, tests, situational tasks, practical skills training	ZH- 9,UM-9- K-9,AB-9	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-9	Topic 9. General anesthesia. Inhalation and non-inhalation anesthesia. Types, indications and contraindications, complications.	Practical skills training	ZH- 9,UM-9- K-9,AB-9	
L-10	Acute purulent diseases of the skin, subcutaneous tissue, fascia, muscles, cellular spaces, lymph vessels and nodes. Etiology, pathogenesis, clinic, diagnosis, treatment. Acute purulent diseases of bones, joints, serous cavities, hands and fingers. Etiology, pathogenesis, clinic, diagnosis, treatment.	Information- on lecture, visualization - tables, drawings, videos	ZH- 10,UM- 10-K- 10,AB-10	
P-10	Resuscitation: terminal conditions; clinical death; basic cardiopulmonary resuscitation. Intensive care of surgical patients.	Written survey, tests, situational tasks, practical skills training	ZH- 10,UM- 10-K- 10,AB-10	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-10	Topic 10. Resuscitation: terminal conditions; clinical death; basic cardiopulmonary resuscitation.	Practical skills training	ZH- 10,UM- 10-K-	
	Intensive care of surgical patients.		10,AB-10	

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	Acute surgical specific infection (tetanus). Etiology, clinic, diagnosis, treatment, prevention.	lecture, visualization - tables, drawings, videos	11-K- 11,AB-1	
P-11	Closed soft tissue injuries: bruising, concussion, rupture. Clinic, diagnosis of closed soft tissue injuries, first aid, principles of treatment.	Written survey, tests, situational tasks, practical skills training	ZH- 11,UM- 11-K- 11,AB-1	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-11	Topic 11. Closed soft tissue injuries: bruising, concussion, rupture. Clinic, diagnosis of closed soft tissue injuries, first aid, principles of treatment.	Practical skills training	ZH- 11,UM- 11-K- 11,AB-1	
L-12	Surgical sepsis (Sepsis-3): definition, etiology, pathogenesis, classification, clinical manifestations, diagnosis, principles of treatment.	Information- on lecture, visualization - tables, drawings, videos	ZH- 12,UM- 12-K- 12,AB-12	
P-12	Fractures and dislocations: classification; clinical manifestations; diagnostics; first aid; principles of treatment.	Written survey, tests, situational tasks, practical skills training	ZH- 12,UM- 12-K- 12,AB-12	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-12	Topic 12. Fractures and dislocations: classification; clinical manifestations; diagnostics; first aid; principles of treatment.	Practical skills training	ZH- 12,UM- 12-K- 12,AB-12	V
L-13	Tumors. Etiology, pathogenesis. Benign and malignant tumors. Histogenetic, morphological, clinical and international (TNM) classifications. Clinical groups of cancer patients. Clinical manifestations. Diagnostic methods	Information- on lecture, visualization - tables, drawings, videos	ZH- 13,UM- 13- K- 13,AB 13	
P-13	Polytrauma. Multiple and combined injuries. Traumatic shock. Prolonged compression syndrome. First aid and principles of treatment. Polytrauma. Multiple and combined	Written survey, tests, situational tasks, practical skills training	ZH- 13,UM- 13-K- 1,AB-13	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M. R.
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	injuries. Traumatic shock. Prolonged	skills training	13,UM-	
	compression syndrome. First aid and	skins truning	13-K-	
	principles of treatment.		1,AB-13	
L-14	Tumors. Principles of treatment.	Information-	ZH-	
	Tumors, Timorpies of treatment.	on	14,UM-	
		lecture,	14-K-	
		visualization -	14,AB-14	
		tables,	,	
		drawings,		
		videos		
P-14	Cranial brain injury. Trauma to the	Written	ZH-	Doc. Kushta
	chest, abdominal organs and urinary	survey, tests,	14,UM-	Yu.F. Doc.
	system. Medical care at the pre- and	situational	14-К-	Maglyovany
	hospital stages.	tasks,	14,AB-14	V.A. Doc.
		practical		Matviychuk
		skills training		O.B. As.
				Gerych H.I. As.
				Paranyak M.R
CPC-14	14. Cranial brain injury. Trauma to	Practical	ZH-	
	the chest, abdominal organs and	skills training	14,UM-	
	urinary system. Medical care at the		14-К-	
	pre- and hospital stages.		14,AB-14	
L-15	Examination of a surgical patient.	Information-	ZH-	
	Collection of complaints, medical	on	15,UM-	
	history and life. Objective	lecture,	15-K-	
	examination of the head, neck, chest,	visualization -	15,AB-15	
	abdomen, musculoskeletal system,	tables,		
	blood vessels, lymph nodes.	drawings,		
	Principles of writing a medical	videos		
D 15	history.	Written	711	Dec Verelde
P-15	Wounds, definition, classification.		ZH- 15,UM-	Doc. Kushta
	The course of the wound process.	survey, tests, situational	15,0M- 15-K-	Yu.F. Doc. Maglyovany
	Features of modern gunshot wound	tasks,	15-K- 15,AB-15	V.A. Doc.
	and mine damage. Primary surgical treatment of wounds.	practical	13,AD-13	Matviychuk
	treatment of wounds.	skills training		O.B. As.
		skins training		Gerych H.I. As.
				Paranyak M.R
				a ununyun man
CPC-15	Topic 15. Wounds, definition,	Practical	ZH-	
	classification. The course of the	skills training	15,UM-	
	wound process. Features of modern		15-K-	
	gunshot wound and mine damage.		15,AB-15	
	Primary surgical treatment of			
	wounds.			
P-16	Uninfected and infected wounds.	Written	ZH-	Doc. Kushta
	Wound healing by primary and	survey, tests,	16,UM-	Yu.F. Doc.
	secondary tension. Principles of	situational	16-К-	Maglyovany
	treatment tactics	tasks,	16,AB-16	V.A. Doc.
		practical		Matviychuk
		skills training		O.B. As.
				Gerych H.I. As.
				Paranyak M.
				R.

CPC-16	Tonio 16 Uninfoated and infoated	Practical	ZH-	
CPC-10	Topic 16. Uninfected and infected wounds. Wound healing by primary	skills training	2n- 16,UM-	
	and secondary tension. Principles of	skins training	16,01/1- 16-K-	
	treatment tactics		16,AB-16	
P-17	Burns: thermal, radiation, chemical.	Written	ZH-	Doc. Kushta
1 17	Clinic, first aid for various types of	survey, tests,	17,UM-	Yu.F. Doc.
	burns. Burn disease. Therapeutic	situational	17-K-	Maglyovany
	tactics in the pre- and hospital	tasks,	17,AB-17	V.A. Doc.
	stages. Freezing. Classification.	practical	1,,122 1,	Matviychuk
	Clinical signs. First aid and	skills training		O.B. As.
	treatment. Electrotrauma: the			Gerych H.I. As.
	mechanism of electric shock;			Paranyak M.R.
	clinical signs; diagnostics; first aid			v
	and its features.			
CPC-17	Topic 17. Burns: thermal, radiation,	Practical	ZH-	
	chemical. Clinic, first aid for various	skills training	17,UM-	
	types of burns. Burn disease.		17-К-	
	Therapeutic tactics in the pre- and		17,AB-17	
	hospital stages. Freezing.			
	Classification. Clinical signs. First			
	aid and treatment. Electrotrauma:			
	the mechanism of electric shock;			
	clinical signs; diagnostics; first aid			
7.10	and its features.			***
P-18	General issues of surgical infection:	Written	ZH-	Doc. Kushta
	classification; pathogens of surgical	survey, tests,	18,UM-	Yu.F. Doc.
	infection. Pathogenesis of	situational	18-K-	Maglyovany
	development of local and general reaction of an organism at a surgical	tasks,	18,AB-18	V.A. Doc.
	infection. Principles of diagnosis	practical skills training		Matviychuk O.B. As.
	and treatment.	skins training		Gerych H.I. As.
	and treatment.			Paranyak M.
				R.
CPC-18	Topic 18. General issues of surgical	Practical	ZH-	
	infection: classification; pathogens	skills training	18,UM-	
	of surgical infection. Pathogenesis		18-K-	
	of development of local and general		18,AB-18	
	reaction of an organism at a surgical			
	infection. Principles of diagnosis			
	and treatment.			
P-19	Acute purulent soft tissue diseases:	Written	ZH-	Doc. Kushta
	boil, carbuncle, hydradenitis,	survey, tests,	19,UM-	Yu.F. Doc.
	abscess, phlegmon. mastitis,	situational	19-K-	Maglyovany
	erysipelas, lymphangitis,	tasks,	19,AB-19	V.A. Doc.
	lymphadenitis.	practical		Matviychuk
		skills training		O.B. As.
				Gerych H.I. As.
CPC-19	Tonic 10 Acuta numlent soft tissue	Practical	ZH-	Paranyak M.R.
CFC-19	Topic 19. Acute purulent soft tissue diseases: boils, carbuncles,	skills training	2H- 19,UM-	
	hydradenitis, abscess, phlegmon.	skins trailing	19,0M- 19-K-	
	mastitis, erysipelas, lymphangitis,		19-K- 19,AB-19	
	lymphadenitis.		17,110-17	
P-20	Felon. Phlegmons of the hand.	Written	ZH-	Doc. Kushta
1	·	1		

	Features of the anatomical structure	survey, tests,	20,UM-	Yu.F. Doc.
GDG 20	of the hand. Etiology, pathogenesis, clinic, diagnosis, treatment.	situational tasks, practical skills training	20-K- 20,AB-20	Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-20	Topic 20. Panaritium. Phlegmons of the hand. Features of the anatomical structure of the hand. Etiology, pathogenesis, clinic, diagnosis, treatment.	Practical skills training	ZH- 20,UM- 20-K- 20,AB-20	
P-21	Purulent bone diseases. Osteomyelitis. Classifications, diagnosis, principles of treatment. Arthritis as a purulent surgical infection, secondary arthritis.	Written survey, tests, situational tasks, practical skills training	ZH- 21,UM- 21-K- 21,AB-21	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-21	Topic 21. Purulent bone diseases. Osteomyelitis. Classifications, diagnosis, principles of treatment. Arthritis as a purulent surgical infection, secondary arthritis.	Practical skills training	ZH- 21,UM- 21-K- 21,AB-21	
P-22	Necrotizing fasciitis. Deep purulent soft tissue lesions. Subfascial and paraorganic phlegmons.	Written survey, tests, situational tasks, practical skills training	ZH- 22,UM- 22-K- 22,AB-22	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-22	Topic 22. Necrotizing fasciitis. Deep purulent soft tissue lesions. Subfascial and paraorganic phlegmons.	Practical skills training	ZH- 22,UM- 22-K- 22,AB-22	
P-23	Necrotizing fasciitis. Deep purulent soft tissue lesions. Subfascial and paraorganic phlegmons.	Written survey, tests, situational tasks, practical skills training	ZH- 23,UM- 23-K- 23,AB-23	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-23	Topic 23. Anaerobic surgical infection: pathogens, features of clinical symptoms and course, principles of treatment. Anaerobic gas gangrene: etiology, pathogenesis, clinic, treatment, specific and nonspecific prevention. Tetanus: etiology, pathogenesis, clinic, treatment, specific and	Practical skills training	ZH- 23,UM- 23-K- 23,AB-23	

	nonspecific prevention			
P-24	Acute and chronic specific surgical infection. Tuberculosis. Actinomycosis. Anthrax. Wound diphtheria. Etiology, pathogenesis, clinic, diagnosis, treatment, prevention.	Written survey, tests, situational tasks, practical skills training	ZH- 24,UM- 24-K- 24,AB-24	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-24	Topic 24. Acute and chronic specific surgical infection. Tuberculosis. Actinomycosis. Anthrax. Wound diphtheria. Etiology, pathogenesis, clinic, diagnosis, treatment, prevention.	Practical skills training	ZH- 24,UM- 24-K- 24,AB-24	
P-25	Surgical sepsis (Sepsis-3): definition, etiology, classification, pathogenesis, clinical manifestations, diagnosis, principles of treatment. Septic shock. Multiple organ failure syndrome.	Written survey, tests, situational tasks, practical skills training	ZH- 25,UM- 25-K- 25,AB-25	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-25	Topic 25. Surgical sepsis (Sepsis-3): definition, etiology, classification, pathogenesis, clinical manifestations, diagnosis, principles of treatment. Septic shock. Multiple organ failure syndrome.	Practical skills training	ZH- 25,UM- 25-K- 25,AB-25	
P-26	Mortification. Necrosis. Gangrene. Ulcers. Fistulas. Causes. Clinical manifestations, diagnosis, treatment.	Written survey, tests, situational tasks, practical skills training	ZH- 26,UM- 26-K- 26,AB-26	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-26	Topic 26. Death. Necrosis. Gangrene. Ulcers. Fistulas. Causes. Clinical manifestations, diagnosis, treatment.	Practical skills training	ZH- 26,UM- 26-K- 26,AB-26	
P-27	Surgery. Classification of surgical operations. Stages of surgery. Preoperative preparation of the patient and management of the postoperative period. Features of surgery in the context of incurable disease, indications. The concept of palliative surgery.	Written survey, tests, situational tasks, practical skills training	ZH- 27,UM- 27-K- 27,AB-27	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-27	Topic 27. Surgery. Classification of surgical operations. Stages of surgery. Preoperative preparation of the patient and management of the postoperative period. Features of	Practical skills training	ZH- 27,UM- 27-K- 27,AB-27	

	surgery in the context of incurable disease, indications. The concept of			
P-28	palliative surgery. Transplantology. Definition of the concept. Organ transplantation. Deontological and legal aspects of transplantation.	Written survey, tests, situational tasks, practical skills training	ZH- 28,UM- 28-K- 28,AB-28	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R
CPC-28	Topic 28. Transplantology. Definition of the concept. Organ transplantation. Deontological and legal aspects of transplantation	Practical skills training	ZH- 28,UM- 28-K- 28,AB-28	
P-29	Tumors. Etiology, pathogenesis. Benign and malignant tumors. Histogenetic, morphological, clinical and international (TNM) classifications. Clinical groups of cancer patients. Clinical manifestations. Diagnostic methods	Written survey, tests, situational tasks, practical skills training	ZH- 29,UM- 29-K- 29,AB-29	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-29	Topic 29. Tumors. Etiology, pathogenesis. Benign and malignant tumors. Histogenetic, morphological, clinical and international (TNM) classifications. Clinical groups of cancer patients. Clinical manifestations. Diagnostic methods.	Practical skills training	ZH- 29,UM- 29-K- 29,AB-29	
P-30	Tumors. Principles of treatment. Principles of treatment. Varieties of surgical operations for cancer (radical, palliative, symptomatic). Chemotherapy, hormone therapy, immunotherapy, psycho-social rehabilitation. Palliative and hospice therapy of cancer patients.	Written survey, tests, situational tasks, practical skills training	ZH- 30,UM- 30-K- 30,AB-30	Doc. Kushta Yu.F. Doc. Maglyovany V.A. Doc. Matviychuk O.B. As. Gerych H.I. As. Paranyak M.R.
CPC-30	Topic 30. Tumors. Principles of treatment. Principles of treatment. Varieties of surgical operations for cancer (radical, palliative, symptomatic). Chemotherapy, hormone therapy, immunotherapy, psycho-social rehabilitation. Palliative and hospice therapy of cancer patients.	Practical skills training	ZH- 30,UM- 30-K- 30,AB-30	
P-31	Examination of a surgical patient. Collection of complaints, medical history and life. Objective examination of the head, neck, chest. Abdomen, musculoskeletal system,	Written survey, tests, situational tasks, practical	ZH- 31,UM- 31-K- 31,AB-31	

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	blood vessels, lymph nodes.	skills training	
CPC-31	Examination of a surgical patient.	Written	ZH-
	Collection of complaints, medical	survey, tests,	31,UM-
	history and life. Objective	situational	31-K-
	examination of the head, neck, chest.	tasks,	31,AB-31
	Abdomen, musculoskeletal system,	practical	
	blood vessels, lymph nodes.	skills training	
P-32	Curation of a surgical patient	Written	ZH-
		survey, tests,	32,UM-
		situational	32-К-
		tasks,	32,AB-32
		practical	
		skills training	
CPC-32	Curation of a surgical patient		ZH-
			32,UM-
			32-К-
			32,AB-21
P-33	Protection of medical history.	Written	ZH-
		survey, tests,	33,UM-
		situational	33-K-
		tasks,	33,AB-33
		practical	
		skills training	
CPC-33	Curation of a surgical patient	Written	ZH-
		survey, tests,	33,UM-
		situational	33-К-
		tasks,	33,AB-33
		practical	
		skills training	

It is necessary to present the system of organization of classes, the use of interactive methods, educational technologies used for the transfer and acquisition of knowledge, skills and abilities.

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 of lesson	Method of verifying	Enrollment criteria
		learning outcomes	
ZPнh-1-Zh-33, U1-U33,	P1, P2,P3P33	Oral and written	The student
K1-K33, AB1-AB 33		questioning, solving	independently
		test tasks (to control the	performed this or
		initial and final level of	that practical skill,
			clearly chose the
			necessary way to
		typical and atypical	provide assistance
		situational problems,	in a particular

under the control of the teacher is training relevant practical skills and professional skills

The teacher uses interactive teaching methods such as "Microphone", "Incomplete sentence", "Discussion", "Competitive group method", "Brainstorming", "Case", etc.

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 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

Final control

Examination criteria / differentiated test

Examination

Differentiated credit

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 of points during the study of the module are admitted to the final control.

Final control includes standardized control of theoretical training (testing, oral examination, assessment of individual tasks) and practical training (structured according to the procedure control of practical skills on simulators and models).

The maximum number of points that a student can score when compiling a differential is 80.

give any correct answer to the question- "2"

The minimum number of points when compiling a difzalik - not less than 50.

The grade in the discipline is defined as the sum of points for current educational activities (not less than 72) and points

for tasks (tests, situational tasks, practical skills) on
the differential (not
less than 50).

The maximum number of points that a student can score for the current academic activity for admission to the exam (differentiated test) is 120 points.

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.

The calculation 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. The resulting value is converted into points on a multi-point scale as follows: $x = (CA \times 120) / 5$

Criteria for assessing an objective structured practical (clinical) exam / Complex of practice-oriented exam Master's thesis

1. 1. Course policy

2

The subject of study of the discipline "General Surgery" are: measures for the organization of sanitary and epidemiological regime in the surgical clinic; dressing material and methods of its application; bleeding and ways of its temporary and final stop; transfusion of donor blood components, complications of blood transfusion and their prevention; basics of anesthesiology and resuscitation; clinic, diagnosis, first aid, principles of treatment for traumatic injuries; general issues of surgical infection, clinic, diagnosis, treatment, prevention of certain types of surgical infection; basics of transplantology, basics of clinical oncology; methodology of examination of a surgical patient.

10. Literature

Basic

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

12. Additional information

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