

MINISTRY OF HEALTH OF UKRAINE
KHARKIV NATIONAL MEDICAL UNIVERSITY

Department of Surgery №3

Academic year 2021-2022

SYLLABUS OF THE DISCIPLINE

«Emergency and urgent surgical care»
(name of discipline)

Compulsory discipline

Full-time form of studies

Field of study 22 «Health care»


Specialty 221 «Dentistry»

Educational program for training specialists of the second (master's)
level of higher education

5 year course


Syllabus approved at the meeting of the
Department of Surgery №3

Minutes is dated
"24" august 2021 № 1
Head of the Department


(signature) A.M. of NAMSU,
Prof. Lupaltsov V.I.
(surname and initials)

Approved by methodical commission of KNMU for
surgical problems

Minutes is dated
"30" august 2021 № 1
Head


(signature) Prof. Syplyvyy V.O.
(surname and initials)

SYLLABUS DEVELOPERS:

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INFORMATION ABOUT TEACHERS TEACHING THE EDUCATIONAL COMPONENT

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In-person consultations: schedule and venue according to the schedule of the department.

Online consultations: schedule and venue by prior arrangement with teacher on the platform GOOGLE MEET, MOODLE or ZOOM.

Desk of the department in the platform MOODLE <http://distance.knmu.edu.ua/course/view.php?id=3464>

Location: classes are held on the basis of KNP "City Clinical Hospital №31" of the Kharkiv City Council at the address: Kharkiv, Lyubov Malaya Avenue, 4.

INTRODUCTION

The syllabus of the discipline "Emergency and emergency surgical care" is compiled in accordance with the educational-professional program (hereinafter OPP) "Dentistry" and the Standard of Higher Education of Ukraine (hereinafter -Standard), the second (master's) level, fields of knowledge - 22 Healthcare, specialty 221 "Dentistry".

Description of the discipline "Emergency and emergency surgical care" (abstract).

Surgery is one of the main branches of clinical medicine, which studies diseases and injuries of the body in the treatment of which methods and means are used, which are accompanied by a violation of the integrity of the integumentary tissues of the body. The study of the basics of surgery is important for the training of physicians of all specialties. According to the curriculum, the study of the discipline "Emergency and Urgent Surgical Care" is provided in the 5th year in the 9th semester, when the student has acquired relevant knowledge of the basic disciplines with which the discipline program is integrated. It is part of the discipline "Emergency and Emergency Therapeutic and Surgical Care" and provides basic knowledge of urgent surgical pathology, which is necessary for a doctor regardless of his further specialization, based on production functions, typical tasks and skills that must graduate in this specialty. The graduate can master the knowledge of the basics of pathogenesis, clinical manifestations and methods of diagnosis of urgent surgical diseases of the abdominal cavity and chest, skills of first aid in emergencies, to provide qualified care for patients with surgical profile.

The subject of the discipline is topics related to the most common urgent surgical diseases of the abdominal cavity and chest, which require emergency and urgent care, the study of which provides an opportunity to acquire knowledge, skills and practical skills to navigate situations in the presence of patients with this pathology.

Interdisciplinary connections are based on students mastering theoretical material from the main basic disciplines (human anatomy, histology, cytology and embryology, physiology, pathophysiology, pathomorphology, surgery, propaedeutics of internal medicine, pharmacology) with which the discipline program "Emergency care" is integrated. Mastering the program involves the formation of skills to apply the acquired knowledge in the process of further study and in professional activities.

Prerequisites. The study of the discipline involves prior mastering of disciplines in normal and pathological anatomy, normal and pathological physiology, topographic anatomy, surgery, pharmacology, emergency and urgent medical care, as well as to have practical skills in caring for patients with a surgical profile.

Postrequisites. The main provisions of the discipline should be applied in the study of related disciplines and preparation for study in higher education institutions in the programs of the third educational and scientific level of higher education.

Link to the discipline page in MOODLE:

<http://distance.knmu.edu.ua/course/view.php?id=2911#section-3>

1. PURPOSE AND OBJECTIVES OF THE COURSE

1.1. The purpose of the discipline is to acquire theoretical and practical knowledge of etiology, pathogenesis, typical and atypical clinical manifestations, diagnostic methods, conservative and surgical treatment, rehabilitation of urgent surgical pathology within the relevant training of a dentist, taking into account the peculiarities of his specialty in accordance with OP "Dentistry".

1.2. The main objectives of the discipline

- demonstration and proficiency in moral and deontological principles of a medical professional and the principles of professional subordination in providing care to patients with urgent surgical pathology.
- mastering theoretical material, demonstration and skills of examination and treatment of patients with urgent surgical pathology.
- performing the necessary medical manipulations.
- definition and mastering of features of urgent surgical pathology, methods of diagnostics, conservative and operative treatment and rehabilitation in surgical clinic.

1.3. Competences and learning outcomes, the formation of which is facilitated by the discipline.

1.3.1. The study of the discipline provides students with the acquisition of competencies:

Integral:

Ability to solve complex problems and problems in the field of health care in the specialty "Dentistry" in a professional activity or in the learning process, which involves research and / or innovation and is characterized by uncertainty of conditions and requirements;

General:

Ability to abstract thinking, analysis and synthesis, the ability to learn and be modernly trained; ability to apply knowledge in practical situations; knowledge and understanding of the subject area and understanding of professional activity; ability to adapt and act in a new situation; ability to make an informed decision; work in a team;

interpersonal skills; ability to communicate in the state language both orally and in writing; ability to communicate in a foreign language; skills of using information and communication technologies; determination and persistence in terms of tasks and responsibilities; ability to act socially responsibly and consciously.

Special (professional, subject):

Survey skills; ability to determine the necessary list of laboratory and instrumental studies and evaluate their results; ability to establish a preliminary and clinical diagnosis of the disease; ability to determine the necessary mode of work and rest, the nature of nutrition in the treatment of diseases; ability to determine the principles and nature of disease treatment; ability to diagnose emergencies; ability to determine tactics and skills of emergency medical care; skills of performing medical manipulations; ability to determine the tactics of management of persons subject to dispensary supervision; ability to keep medical records.

1.3.2. The study of the discipline provides students with the acquisition of the following program learning outcomes:

- PLO 1 - acquisition of general and special fundamental and professionally-oriented knowledge, skills, abilities, competencies necessary for the performance of typical professional tasks related to its activities in the medical field in the relevant position.
- PLO 2 - knowledge psychophysiological features of human health, human health, health support, disease prevention, human treatment, public health Application of knowledge and understanding.
- PLO 3 - the ability to apply acquired knowledge, skills and understanding to solve typical problems doctors, the scope of which is provided by lists of syndromes and symptoms, diseases, emergencies, laboratory and instrumental studies, medical manipulations.
- PLO 4 - collection of patient information.
- PLO 5 - evaluation of survey results, physical examination, laboratory and instrumental research data.
- PLO 6 - establishing a preliminary clinical diagnosis of the disease.
- PLO 7 - determining the nature, principles of treatment of diseases.
- PLO 8 - determining the necessary diet for the treatment of diseases.
- PLO 9 - determination of tactics of contingent of persons subject to dispensary supervision.
- PLO 10 - diagnosing emergencies, determining the tactics of emergency medical care.
- PLO 15 - performing medical manipulations.
- PLO 17 - maintaining medical records, processing of state, social and medical information.
- PLO 18 - ability to assess and support human health taking into account the impact of the environment and other health factors.
- PLO 20 - ability to apply the acquired knowledge to the existing health care system for to optimize their own professional activities and participate in solving practical problems of the industry.
- PLO 21 - the formation of a specialist with appropriate personal qualities, who adheres to the code of ethics of the doctor.

1.3.3. The study of the discipline provides students with the acquisition of the following social skills (Soft skills): communicativeness (implemented through: the method of group work and brainstorming during the analysis of clinical cases, the method of presenting the results of independent work and their defense in the group); teamwork (implemented through: group work method and brainstorming during the analysis of clinical cases); conflict management (implemented through: business games), time management (implemented through: the method of self-organization during classroom work in groups and independent work); leadership skills (implemented through: the method of presenting the results of independent work and their protection in the group).

2. INFORMATION SCOPE OF THE COURSE

Names of indicators	Field of knowledge, direction of training, educational and qualification level	Characteristics of the discipline	
		full-time education	evening form of study
Number of credits 1,5	Direction of training 22 "Health care" (code and name)	Selective	
Total number of hours – 45	Specialty: 221 "Dentistry" (code and name)	Year of study:	
		5 th	—
		Semester	
		9 th	—
Hours for full-time (or evening) form of study: classroom – 30 student self-study – 15	Educational and qualification level: master	Lectures	
		8 hours	-
		Practical, seminar classes	
		22 hours	—
		Laboratory classes	
		—	—
		Self-Study	
		15 hours	—
Individual work: —			
Type of control: Differentiated credit			

2.1. Description of the discipline.

2.2.1. Lectures

No	Topics	Number of hours	Types of lectures
1	Acute intestinal obstruction.	2	multimedia presentation
2	Acute pancreatitis.	2	multimedia presentation
3	Complications of peptic ulcer of the stomach and duodenum.	2	multimedia presentation
4	Purulent diseases of the lungs and pleura.	2	multimedia presentation
	Total	8	

2.2.2. Seminars

Not provided by the program.

2.2.3. Practical classes

No	Topics	Number of hours	Teaching methods	Forms of control
1	Acute appendicitis. Curation of the patient to write a medical history.	2	Conversation, illustration, presentation, videos, videos, discussion, practical skills.	Current control (oral and written survey, practice diary).
2	Abdominal hernias and their complications.	2	Conversation, illustration, presentation, videos, videos, discussion, practical skills.	Current control (oral and written survey, practice diary).
3	Acute cholecystitis.	2	Conversation, illustration, presentation, videos, videos, discussion, practical skills.	Current control (oral and written survey, practice diary).

4	Complications of gastric and duodenal ulcers.	2	Conversation, illustration, presentation, videos, videos, discussion, practical skills.	Current control (oral and written survey, practice diary).
5	Acute pancreatitis.	2	Conversation, illustration, presentation, videos, videos, discussion, practical skills.	Current control (oral and written survey, practice diary).
6	Acute intestinal obstruction.	2	Conversation, illustration, presentation, videos, videos, discussion, practical skills.	Current control (oral and written survey, practice diary).
7	Acute peritonitis.	2	Conversation, illustration, presentation, videos, videos, discussion, practical skills.	Current control (oral and written survey, practice diary).
8	Acute purulent diseases of the lungs and pleura.	2	Conversation, illustration, presentation, videos, videos, discussion, practical skills.	Current control (oral and written survey, practice diary).
9	Injuries to the chest and abdomen. Shock in surgical patients.	2	Conversation, illustration, presentation, videos, videos, discussion, practical skills.	Current control (oral and written survey, practice diary).
10	Differentiated test.	4	Questionnaire on tickets, demonstration of practical skills.	Subsection control (difzalik)
	Total	22		

2.2.4. Laboratory classes

Not provided by the program.

2.2.5. Self-preparatory work

No	Topics	Number of hours	Teaching methods	Forms of control
1	Preparation for practical classes and difzalik	15	Independent work of the student with the literature and methodical materials on a subject.	Final control (diffuse)

3. EVALUATION CRITERIA

3.1.1. Evaluation of educational success of students is carried out on the basis of the current "Instructions for evaluating the educational activities of students of KhNMU."

The following forms of monitoring the success of training are provided:

1. Control of current educational activity (PND) of students at each practical lesson. Teachers make sure that each student receives the necessary competence in the areas included in the topics of practical classes. Assimilation of the topic (current control) is controlled in a practical lesson in accordance with specific goals. The following tools are used to assess the level of preparation of students: tests, solving situational problems, interpretation and evaluation of laboratory tests, methods of prescribing therapy, monitoring the acquisition of practical skills. Evaluation and control of students' IPA is carried out by the teacher of the academic group, after students have mastered each topic of the discipline. When assessing the proficiency in each academic topic of each discipline by each teacher in the "Journal of student performance and attendance" (form № EN-1) is graded according to the traditional 4-point system: "excellent", "good", "satisfactory" and "unsatisfactorily". At each practical lesson the knowledge and practical skills (abilities) of all present students are assessed; The presence of the student in the classroom is evidenced by the presence of grades in the appropriate columns, the absence in the classroom is noted in the first column by the sign "nb".

At the end of each semester, the teacher automatically receives the average grade (to the nearest hundredth) for the current activity with the help of an electronic journal of the ACS system. The average score of the current success of the teacher of the department is translated into a 120-point scale ECTS.

2. Assessment of independent work of students. Independent work of students, which is provided by the topic of the lesson along with classroom work, is assessed during the current control of the topic in the relevant lesson.

Admission to the differentiated test or course exam is determined in the points of IPA (for the semester), namely: min - 70, max - 120 points.

3. Differentiated credit (D) is conducted by the teacher of the academic group in the last lesson of the discipline. Directly DZ is estimated from 50 to - 80 points.

Methods of conducting D.

1. Assessment of the acquisition of practical skills ("performed" or "failed") on the day of compilation.

2. Assessment of theoretical knowledge on all topics of the discipline according to the tickets drawn up at the department - 5 questions in each.

It is allowed to assess theoretical knowledge when receiving positive results of assessment of practical skills.

(traditional) system (grades "excellent", "good", "satisfactory" and "unsatisfactory") with a list in the multi-scale ECTS scale (see table). in points from min - 120 to max - 200 and corresponds to the traditional assessment: "satisfactory", "good", "excellent".

Recalculation of the average score for current activities in a multi-point scale

4-score scale	200-score scale	4-score scale	200-score scale
5	120	3.91-3,94	94
4.95-4,99	119	3.87-3,9	93
4.91-4,94	118	3.83- 3,86	92
4.87-4,9	117	3.79- 3,82	91
4.83-4,86	116	3.74-3,78	90
4.79-4,82	115	3.7- 3,73	89
4.75-4,78	114	3.66- 3,69	88
4.7-4,74	113	3.62- 3,65	87
4.66-4,69	112	3.58-3,61	86
4.62-4,65	111	3.54- 3,57	85
4.58-4,61	110	3.49- 3,53	84
4.54-4,57	109	3.45-3,48	83
4.5-4,53	108	3.41-3,44	82
4.45-4,49	107	3.37-3,4	81
4.41-4,44	106	3.33- 3,36	80
4.37-4,4	105	3.29-3,32	79
4.33-4,36	104	3.25-3,28	78
4.29-4,32	103	3.21-3,24	77
4.25- 4,28	102	3.18-3,2	76
4.2- 4,24	101	3.15- 3,17	75
4.16- 4,19	100	3.13- 3,14	74
4.12- 4,15	99	3.1- 3,12	73
4.08- 4,11	98	3.07- 3,09	72
4.04- 4,07	97	3.04-3,06	71
3.99-4,03	96	3.0-3,03	70
3.95- 3,98	95	Less than 3	Not enough

To enroll, a student must receive from 70 to 120 points.

Assessment of theoretical knowledge.

Number of questions	«5»	«4»	«3»		
1	16	13	10	Oral answer for tickets, which include the theoretical part of the discipline.	For each answer the student receives from 10 to 16 points, which is responsible: «5» - 16 points; «4» - 13 points; «3» - 10 points.
2	16	13	10		
3	16	13	10		
4	16	13	10		
5	16	13	10		
Total	80	65	50		

To get credit, a student must receive from 50 to 80 points.

Conversion of discipline assessment points into ECTS and traditional assessments

Assessment of discipline in points ECTS	Grade on the scale ECTS	Traditional grade in the discipline
200 – 180	A	5
179 – 160	B	4
159 – 150	C	4
149 – 130	D	3
129 – 120	E	3
119-0	F _x , F	2

Differentiated credit in a discipline or its part is a process during which the received for a course (semester) are checked:

- level of theoretical knowledge;
- development of creative thinking;
- skills of independent work ;
- competencies – the ability to synthesize the acquired knowledge and apply it in solving practical problems.

3.2. – 3.3. Questions to preparation for a differentiated test (control questions).

1. Acute appendicitis. Classification. Clinic. Treatment.
2. Differential diagnosis of acute appendicitis in pregnant women of the first and second half of pregnancy.
3. Complications of acute appendicitis: Douglas space abscess. Clinic.
4. Complications of acute appendicitis: Appendicular infiltrate. Principles of treatment.
5. Methods of examination of patients with acute appendicitis.
6. Abdominal hernias. Classification. Clinic, diagnosis
7. Methods of examination of patients with abdominal hernias.
8. Complications of abdominal hernias. Classification. Clinic, diagnosis, treatment.
9. Complications of abdominal hernias. Tactics of the surgeon at phlegmon of a hernia bag.
10. Complications of abdominal hernias. Tactics of the surgeon at the pinched hernias.
11. Acute cholecystitis. Classification. Clinic. Surgical tactics
12. Surgical tactics in patients with acute cholecystitis.
13. Complications of acute cholecystitis. Clinic, diagnosis, indications for surgery and methods of surgery.
14. Methods of examination of patients with acute cholecystitis ..
15. Modern methods of surgical treatment of gastric and duodenal ulcers.
16. Perforated ulcer of the stomach and duodenum. Clinic diagnosis, surgical treatment.
17. Bleeding ulcer of the stomach and duodenum. Clinic, diagnosis.
18. Bleeding ulcer of the stomach and duodenum. Conservative therapy, indications for surgery and methods of surgical intervention.
19. Complications of peptic ulcer disease. pyloroduodenal stenosis. Clinic, diagnosis, treatment tactics.
20. Complications of peptic ulcer disease: penetration, malignancy. Clinic, diagnosis, treatment tactics
21. Methods of examination of patients with gastric and duodenal ulcers.
22. Principles of choosing the method of surgical treatment of gastric and duodenal ulcers.
23. Surgical tactics for profuse gastroduodenal bleeding. Filling blood loss.
24. Acute pancreatitis. Etiology, pathogenesis, clinic, diagnosis.
25. Acute pancreatitis. Treatment tactics, indications for surgery and its types.
26. Complications of acute pancreatitis. Early purulent and postnecrotic. Clinic, diagnosis, treatment.
27. Methods of examination of patients with acute pancreatitis
28. Comprehensive treatment of acute destructive pancreatitis.
29. Acute intestinal obstruction. Etiology, pathogenesis, classification of acute intestinal obstruction.
30. Acute intestinal obstruction. Principles of treatment.
31. Acute obstructive intestinal obstruction. Etiology, pathogenesis, principles of conservative treatment, indications for surgery.
32. Acute strangulation intestinal obstruction. Etiology, pathogenesis, principles of conservative treatment, indications for surgery.
33. Dynamic intestinal obstruction. Etiology, pathogenesis, differential diagnosis, principles of conservative treatment, indications for surgery.

34. Features of clinical manifestations of strangulation intestinal obstruction.
35. Methods of examination of patients with intestinal obstruction.
36. Determination of peritonitis. Classification, etiology, pathogenesis.
37. Peritonitis. Clinic, diagnosis, principles of treatment.
38. Complex treatment of peritonitis: infusion therapy, antibiotic therapy, choice of surgical intervention.
39. The main stages of surgical intervention in advanced peritonitis.
40. Classification of purulent diseases of the lungs and pleura
41. Etiology, pathogenesis of abscess and lung gangrene.
42. Clinic, diagnosis, surgical treatment of abscess and lung gangrene ..
43. Etiology, pathogenesis of pleural empyema.
44. Clinic, diagnosis, options for surgical treatment of pleural empyema.
45. Methods of drainage of the pleural cavity
46. Etiology, pathogenesis, classification, clinical picture of organ injuries chest
47. Etiology, pathogenesis, classification, clinical picture of injuries of the hollow organs of the abdominal cavity
48. Etiology, pathogenesis, classification, clinical picture of injuries of parenchymal organs of the abdominal cavity
49. Etiology, pathogenesis, classification, clinical picture in injuries of the chest and abdomen
50. Etiology, pathogenesis, classification, clinical picture of injuries of the chest and abdomen
51. Definition of shock, its classification.
52. Etiology, pathogenesis of different types of shock.
53. Methods of examination of patients with shock
54. Treatment of shock.
55. Cardiopulmonary resuscitation: restoration of patency respiratory tract, respiration, blood circulation.

3.4. Individual tasks

Additional points assess the completed individual tasks of the student: report of the abstract in a practical lesson 1-2 points; report with a presentation in a practical lesson 1-3 points; report at scientific and practical conferences of the department, university, writing abstracts, articles 1-5 points; participation in the All-Ukrainian Olympiad - 5-10 points.

3.5. Rules for appealing the assessment

Disputes concerning the current assessment are resolved within a week after the announcement of the results of the current control. The applicant of higher education has the right to apply for a justification for the results of the current assessment and / or existing, in his opinion, violations of the procedure of the control measure to the teacher who performed the assessment or the head of the department.

Appeals against the results of the final control (differentiated offset) are usually made on the day of the differential test. The applicant for higher education applies to the teacher who conducted the final semester (course) control for clarification on the grade. If the applicant disagrees with the results of the final control has the right to apply to the dean of the faculty with an appeal, which indicates the reason for the appeal, which will be considered according to the procedure specified in [«Regulations on the appeal of the results of the final control of students of KhNMU»](#). By order of the rector, an appeal commission is created, during the meeting of which a decision is made on the validity or invalidity of the appeal.

4. DISCIPLINE POLICY

The main format of the discipline is mixed - a discipline that is accompanied by Moodle, teaching the discipline, combining traditional forms of classroom learning with elements of distance learning, which uses available interactive information technology (Google Meet, ZOOM, Moodle), face-to-face and distance counseling.

To successfully complete the course you need to regularly attend practical classes; to have theoretical preparation for practical classes according to the subject; not to be late and not to miss classes; perform all necessary tasks and work in each lesson; be able to work with a partner or in a group; contact the curators of the course on various issues on the subject of classes and receive it when you need it.

Applicants for higher education can discuss various tasks, but their implementation - strictly individually. It is not allowed to write off, use various software, tips, use a mobile phone, tablet or other electronic gadgets during classes for purposes other than the educational process. Students are not allowed to attend practical classes.

Applicants for higher education with special needs may meet with the teacher or warn him before the start of classes, at the request of the student, the head of the group may do so. If you have any questions, please contact the teacher.

Higher education students are encouraged to participate in research and conferences on this topic.

All graduates of KhNMU are protected by the "Regulations on the Prevention, Prevention and Settlement of Cases Related to Sexual Harassment and Discrimination at Kharkiv National Medical University", designed to define an effective mechanism for resolving conflicts related to discrimination and sexual harassment. This Regulation is developed on the basis of the following normative legal acts of Ukraine: the Constitution of Ukraine; Law of Ukraine "On Education"; Law of Ukraine "On Higher Education"; Law of Ukraine "On Principles of Preventing and Combating Discrimination in Ukraine"; Law of Ukraine "On Ensuring Equal Rights and Opportunities for Women and Men"; Convention for the Protection of Human Rights and Fundamental Freedoms; Convention for the Suppression of Discrimination in Education; Convention on the Elimination of All Forms of Discrimination against Women; General Recommendation № 25 to paragraph 1 of Article 4 of the Convention on the Elimination of All Forms of Discrimination against Women; Cultural Rights; UN Committee on Economic, Social and Cultural Rights); Recommendations on Education for International Understanding, Cooperation and Peace and Education for Human Rights and Fundamental Freedoms (UNESCO); Concept of the State Social Program for Equal Rights and Opportunities for Women and men for the period up to 2021. Kharkiv National Medical University provides education and work that is free from discrimination, sexual harassment, intimidation or exploitation. The University recognizes the importance of confidentiality. All persons responsible for the implementation of this policy (staff of deans' offices, faculties, institutes and the Center for Gender Education, members of the student government and ethics committee, vice-rector for research and teaching) are confidential about those who report or accuse of discrimination. or sexual harassment (except where the law requires disclosure and / or when disclosure by the University is necessary to protect the safety of others).

KhNMU creates a space of equal opportunities, free from discrimination of any national, racial or ethnic origin, sex, age, disability, religion, sexual orientation, gender, or marital status. All rights, privileges, programs and activities granted to male or female students or staff of the University apply to all without exception, provided they are properly qualified. The anti-discrimination policy and the policy of counteracting sexual harassment of KhNMU are confirmed by the Code of Corporate Ethics and the Charter of KhNMU.

Behavior in the lecture hall.

The main "yes" and "no". It should be remembered that classes are held in a health care facility (based on 31 city clinical hospitals), which requires compliance with a number of requirements: the mandatory presence of changeable shoes, dressing gown, medical cap. It is forbidden to be in the wards, operating rooms, manipulation rooms, dressing rooms without the teacher's accompaniment and permission. It is necessary not to interfere with the work of medical staff and to avoid complaints with the hospital staff. In the event of a conflict situation with the hospital staff, notify the teacher. Remember, smoking is prohibited in and out of the hospital.

It is important to follow the rules of proper behavior in the classroom. These rules are generally accepted, they also apply to all faculty and staff. During classes it is allowed: - to leave the audience for a short time if necessary and with the permission of the teacher; - drink soft drinks; - take photos of presentation slides; - take an active part in the class (see Academic expectations from students). it is forbidden: - to eat (except for persons whose special medical condition requires another - in this case medical confirmation is required); - smoking, drinking alcohol and even low-alcohol beverages or drugs; - use obscene language or use words that offend the honor and dignity of colleagues and faculty; - gambling; - damage the material and technical base of the university and hospital (damage inventory, equipment; furniture, walls, floors, litter the premises and territories); - shouting, shouting or listening to loud music.

Occupational Health.

The first lesson of the course will explain the basic principles of labor protection by conducting appropriate training. It is expected that every higher education seeker should know where the nearest evacuation exit is, where the fire extinguisher is, how to use it, and so on.

5. ACADEMIC INTEGRITY

The Department of Surgery №3 maintains zero tolerance for plagiarism. Higher education seekers are expected to continually raise their awareness of academic philanthropy. The first lessons will provide information on what to consider plagiarism and how to properly conduct and scientific research.

6. RECOMMENDED LITERATURE

Basic.

1. Emergency abdominal and retroperitoneal surgery: A teaching manual in Russian and English / V.I. Lupaltsov, V.N. Lesovoy ./– Kharkiv: Contrast, 2017, 236 p.

2. Emergency Surgery and Critical Care / Edited by Gideon Allen/ AMERICAN MEDICAL PUBLISHERS, 2021, 234p.
3. Clinical Scenarios in Surgery: Decision Making and Operative Technique / Justin B. Dimick MD, Gilbert R. Upchurch Jr. M.D. et al/ Lippincott Williams & Wilkins (LWW), 2018, 784p.
4. Essentials of General Surgery and Surgical Specialties / Dr. Peter F Lawrence M.D./ Wolters Kluwer, 2019, 1403p.
5. Schein's common sense emergency abdominal surgery. / Moshe Schein/ Springer, 2005, 458p.
6. Textbook of Surgery, 4th Edition. Julian A. Smith, Andrew H. Kaye, Christopher Christophi, Wendy A. Brown, 2019, 816p.

Additional.

1. Sabiston Textbook of Surgery: Expert Consult Premium Edition// Courtney M. Townsend Jr., R. Daniel Beachamp, B. Mark Evers, Kenneth L. Mattox/Saunders/Elsevier, 2008, 2100p.
2. Current Medical Diagnosis and Treatment / Edited by Stephen J McPhee MD, Maxine A Papadakis MD, and Lawrence M Tierney Jr MD. / McGraw-Hill, 2008, 1673 p.
3. Surgical wound healing and management / edited by Mark S. Granick, Richard L. / Informa Healthcar, 2007, 176p.
4. Surgery: Basic Science and Clinical Evidence / Edited by Jeffrey A. Norton, MD/ Springer Science+Business Media, Inc 2008, 2419p.
5. Vascular Surgery / J.S.P. Lumley, Jamal J. Hoballah // Springer-Verlag Berlin Heidelberg, 2009, 462p.
6. Endocrine and Neuroendocrine Surgery / James R. Howe // Springer-Verlag Berlin Heidelberg, 2017, 160p.

7. INFORMATION RESOURCES

1. Stand of the department "Recommended Literature".
2. <http://repo.knmu.edu.ua/> (KhNMU Repository)
3. <http://libr.knmu.edu.ua/> (Scientific Library of KhNMU).
4. <http://surgery3.knmu.edu.ua> (Department of Surgery №3).
5. Library of the department.
7. <http://hirurgiya.com.ua/> (Journal of Clinical Surgery).
8. <http://www.mayo.edu/research> (Mayo Clinic, USA).
9. <http://videlectures.net/Top/Medicine/> (Collection of high-quality medical video lectures of the world).
10. http://elibrary.ru/projects/subscription/rus_titles_free.asp? (Russian scientific journals in free access.)
11. <http://www.iemrams.spb.ru/russian/library/librus.htm> (Scientific Library of the Institute of Experimental Medicine)
12. <http://www.medlit.ru/journals/> (Journals of the publication "Medicine").
13. <http://mediasphera.ru/journals/pirogov/> (Surgery. Journal named after N.I. Pirogov).

8. OTHER

Useful links:

Provisions on prevention, prevention and settlement of cases related to sexual harassment and discrimination in KhNMU: http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog-sex.doc

Regulations on Academic Integrity and Ethics of Academic Relations at Kharkiv National Medical University: http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_ad_etyka_text.pdf

The order of conducting classes on in-depth study by students of Kharkiv National Medical University of certain disciplines beyond the scope of the curriculum: http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/nak-poriad-pogl-vyv-dysc.docx

Regulations on the Commission on Academic Integrity, Ethics and Conflict Management of KhNMU: http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_komis_ad_text.pdf

Regulations on the recognition of the results of non-formal education at Kharkiv National Medical University: http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_neform_osv.pdf

Regulations on the appeal of the results of the final control of students of KhNMU: http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=1226%3A2013-03-25-12-07-55&catid=4%3A2011-05-04-07-20-12&Itemid=19&lang=uk