

MINISTRY OF HEALTH OF UKRAINE
KHARKIV NATIONAL MEDICAL UNIVERSITY
Department of Clinical Pharmacology and Internal Medicine

Academic year 2021-2022

**SYLLABUS OF EDUCATIONAL COURSE
«ACTUAL PROBLEMS OF GASTROENTEROLOGY»**

Elective component

Form of education: full-time, distance, mixed

Branch of knowledge 22 " Health Protection "

Speciality 222 «Medicine»

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

Course of education- 5

Syllabus of the academic discipline was
approved at the meeting of the Department of
Clinical Pharmacology and Internal Medicine

Protocol from
"27" August 2021 No. 1

The head of the Department of Clinical
Pharmacology and Internal Medicine



(signature)

prof. Knyazkova I.I.
(surname)

Approved by the methodical commission of
KhNMU on the problems of professional
training of disciplines of therapeutic profile

Protocol from
"31" August 2021 No. 1

The Head of methodical commission



(signature/

I

prof. Kravchun P.G.
(surname)

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2. Dunaieva Inna Pavlivna- Associate Professor of the department, Candidate of medical science, responsible from the educational process.
3. Molodan Dmytro Volodyimirovich- Candidate of medical science. Teacher

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Consultations	According to the schedule of the educational department

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Full-time consultations schedule and place according to the schedule of the department.

On-line consultations, schedule and place by prior arrangement with the teacher

Location: classes are held on the base of the polyclinic **Government Institution “L.T. Malaya Therapy National Institute of the National Academy of Medical Sciences of Ukraine”**

(GI "L.T.Malaya NIT NAMSU") (Lyubov Malaya Avenue, 2A, Kharkiv, Kharkiv region, 61039)

INTRODUCTION

The syllabus of the discipline "Actual Problems of Gastroenterology" is compiled in accordance with the educational-professional program (hereinafter - EPP) 222 "Medicine" and the Standard of Higher Education of Ukraine (hereinafter - the Standard), the second (master's) level, field of knowledge 22 "Health Protection".

The program of the course determines the prerequisites for access to learning, orientation and the main focus of the program, the amount of ECTS credits required to obtain an educational master's degree, a list of general and special (professional) competencies, the normative and variable content of specialist training, formulated in terms of learning outcomes and control requirements quality of higher education.

The department accepts qualified students of any race, national or ethnic origin, gender, age, persons with special needs, any religion, sexual orientation, gender identity, veteran status or marital status for all rights, privileges, programs and activities provided to university students.

Description of the discipline (abstract).

The course in "Actual Problems of Gastroenterology" for 5th year students involves students studying the basics of the latest data on the epidemiology of diseases of the gastrointestinal tract, modern views on their etiology and pathogenesis with emphasis on skills of history taking, physical examination, analysis of differential diagnosis and diagnosis treatments based on the results of international multicenter research and the principles of evidence-based medicine. Considerable attention is paid to the preventive aspects of gastroenterology, modern data of clinical pharmacology, used in the treatment of diseases of the gastrointestinal tract. Knowledge of Actual Problems of Gastroenterology is based on both experimental data and theoretical positions of pharmacology and other medical and biological sciences, and on the actual material of clinical disciplines.

Discipline status: the main format of the discipline is mixed - the course, which is supported in the Moodle system, teaching the course, provides for a combination of traditional forms of classroom studying with elements of distance studying, which uses available information interactive technologies (ZOOM, Moodle, Google Meet, Google Teams), resident and correspondence counseling.

Results of the education.

The course contains the main aspects of training a future doctor by "Medicine" specialty.

According to the educational program for the academic course "Actual Problems of Gastroenterology", an applicant for higher education will acquire theoretical knowledge, methodological education, practical skills in the following areas:

- ability to effectively use knowledge of etiology, pathogenesis, clinical picture, features of the course and possible complications, modern methods of clinical, laboratory, instrumental examination of patients and methods of treatment and indications for their use in major diseases of the gastrointestinal tract;
- ability to independently acquire new knowledge and update and integrate the acquired knowledge in major diseases of the gastrointestinal tract;
- ability to assess the role of new approaches to the diagnosis and treatment of major gastrointestinal diseases.

Interdiscipline relationships

Studying the discipline " Actual Problems of Gastroenterology " is carried out in the 1-2 semesters of the 5-d year of study and is based on knowledge of the basic natural science and clinical disciplines: medical biology, human anatomy, histology, cytology and embryology with peculiarities of childhood, Latin language, history of medicine, foreign language with a professional orientation, philosophy, pharmacology, normal physiology, pathological physiology, propedeutics of medicine, internal medicine (4 course), internal medicine (5 course) and integrates with these disciplines. The program of the academic discipline " Actual Problems of Gastroenterology consists of one section.

Prerequisites. The study of the discipline involves the prior mastering of credits in normal anatomy, normal physiology, pathological physiology, medical genetics, biophysics, biochemistry, clinical biochemistry, microbiology, virology and immunology, infectious diseases, pharmacology, internal medicine, resuscitation, principles of evidence-based medicine.

Postrequisites. Internal medicine, emergency and urgent medical care, infectious diseases, clinical immunology, clinical allergology, clinical pharmacology should be studied together with the discipline.

Link from the page of educational course in Moodle:
<http://31.128.79.157:8083/course/view.php?id=3046>

1. The purpose and objectives of the discipline

1.1 The aim of teaching the discipline "Actual Problems of Gastroenterology" is to train providing future specialists with scientifically substantiated knowledge of the basics of gastroenterology and the necessary practical skills in the qualification of master of medicine, doctor.

1.2 The main tasks of the discipline

- 1)Acquisition of the basic theoretical knowledge necessary for the organization of diagnostical process, treatment and rational pharmacotherapy of patients with diseases of digestive system.
- 2) Prevention and treatment of digestive system complications of pharmacotherapy

3) Formation of students' moral, ethical and deontological qualities in professional communication with the patient.

1.3 The study of the discipline provides the acquisition of competencies

1.3.1 Integral competencies.

The ability to solve typical and complex specialized tasks and practical problems in professional activities in the field of health care, or in the learning process, involves research and(or) implementation of innovations and is characterized by the complexity and uncertainty of conditions and requirements. The ability of an individual to organize an integral humanitarian educational space, to form a single image of culture or a holistic picture of the world.

Common competencies

- CC1 - Ability to abstract thinking, analysis and synthesis, the ability to learn and be modernly trained
- CC2 - Ability to apply knowledge in practical situations
- CC3 - Knowledge and understanding of the subject area and understanding of professional activity
- CC4 - Ability to adapt and act in a new situation
- CC5 - Ability to make an informed decision; work in a team; interpersonal skills
- CC6 - Ability to communicate in the state language both orally and in writing; ability to communicate in a foreign language
- CC7 - Skills in the use of information and communication technologies
- CC8 - Definiteness and persistence in terms of tasks and responsibilities
- CC9 - Ability to act socially responsibly and consciously

Special competencies

- SC1 - Skills of interviewing of the patient
- SC2 - Ability to determine the required list of laboratory and instrumental studies and evaluate their results
- SC3 - Ability to establish a preliminary and clinical diagnosis of the disease
- SC4 - Ability to determine the required mode of work and rest, the nature of nutrition in the treatment of diseases
- SC5 - Ability to determine the principles and nature of treatment of diseases
- SC6 - Ability to diagnose emergencies
- SC7 - Ability to determine tactics and skills of emergency medical care
- SC14 - Ability to keep medical records

1.3.2 The study of the discipline ensures that students acquire the following program learning outcomes

PLO 1 - to have general and special fundamental and professionally-oriented knowledge, skills, abilities, competencies necessary to perform typical professional tasks related to activities in the medical field in the relevant position

PLO 2 - have knowledge of psychophysiological characteristics of man, human health, health support, disease prevention, human treatment, public health

Application of knowledge and understanding:

PLO 3 - to apply the acquired knowledge, skills and understanding to solve typical problems of the doctor, the scope of which is provided by lists of syndromes and symptoms, diseases, emergencies, laboratory and instrumental research, medical manipulations

PLO 4 - to collect information about the patient

PLO 5 - evaluate the results of surveys, physical examinations, laboratory and instrumental research data

PLO 6 - to establish a preliminary clinical diagnosis of the disease

PLO 7 - to determine the nature and principles of treatment of diseases

PLO 8 - to determine the necessary diet, work and rest in the treatment of diseases

PLO 9 - to determine the tactics of contingent of persons subject to dispensary supervision

PLO 10 - to diagnose emergencies, determine the tactics of emergency medical care

PLO 15 - perform medical manipulations

PLO 18 - to assess the state of human health and provide its support taking into account the impact of the environment and other health factors

PLO 20 - apply the acquired knowledge about the existing health care system to optimize their own professional activities and participate in solving practical problems of the industry

PLO 21 - adhere to the code of ethics of the doctor, which ensures the formation of a specialist with appropriate person

1.3.3 The study of the discipline provides students with the following social skills (soft skills)

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 in the use of information and communication technologies. Definiteness and persistence in terms of tasks and responsibilities. Ability to act socially responsibly and consciously.

2. Information volume of the discipline.

Name of indices	Branch of knowledge, direction of training, educational-qualification level	Characteristics of the course	
		Day tuition	
Number of credits – 3	Direction of training 22 «Health Protection»	Standard	
Total number of hours - 90	Specialty 222 «Medicine»	Year of study:	
		V-th	
		Term	
		IX -th	X -th
		Lectures	
Number of hours for day tuition: Practical classes – 20, Independent work - 70	Educational-qualification level: «second (master’s) level»	0 hours	
		Practical classes	
		20 hours	
		Independent work	
		70 hours	
		Type of control: Credit	

2.1 Description of the discipline

2.2.1 Lectures- not provided by the program.

2.2.2 Seminars- not provided by the program.

2.2.3 Practical classes.

№	The topic practical lesson	Hours	Education methods	Methods of control
1	Topic 1. New in the treatment of peptic ulcer disease. Management of acid-related diseases	5	story-explanation, conversation, illustration, demonstration, presentation, videos, educational video films discussion	oral examination (individual and frontal); written survey; test control; creative tasks
2	Topic 2. Intestinal diseases. Differential diagnosis of nonspecific	3	story-explanation, conversation, illustration,	oral examination (individual and

	ulcerative colitis, Crohn's disease, Whipple's disease, celiac disease		demonstration, presentation, videos, educational video films discussion	frontal); written survey; test control; creative tasks
	Topic 3. Dysbacteriosis.	2	story-explanation, conversation, illustration, demonstration, presentation, videos, educational video films discussion	oral examination (individual and frontal); written survey; test control; creative tasks
3	Topic 4. Cirrhosis of the liver. Etiology, pathogenesis, classification, clinic, diagnosis, differential diagnosis, treatment and prevention	5	story-explanation, conversation, illustration, demonstration, presentation, videos, educational video films discussion	oral examination (individual and frontal); written survey; test control; creative tasks
4	Topic 5. Diseases of the pancreas: pancreatitis, tumors. Differential diagnosis, treatment, prevention	4	story-explanation, conversation, illustration, demonstration, presentation, videos, educational video films discussion	oral examination (individual and frontal); written survey; test control; creative tasks
	Credit	1		creative tasks
Total for practical classes		20		

2.2.4 Labs- not provided by the program.

2.2.5 Independent work of students:

Independent work	Hours	Education methods	Methods of control
Independent work of students: Preparation for practical classes Writing an abstract	60	Independent work with literature and Internet resources	oral examination (individual and frontal); written survey; test control; creative tasks
Individual work: Report of the abstract in a practical lesson. Report at clinical conferences of	10	Independent work with literature and Internet resources	creative tasks; individual tasks; abstracts; report; declamation;

the bases of the department. Writing abstracts, articles.			poster report
Total hours:	70		

Topics for individual work:

1. Etiology, pathogenesis of peptic ulcers, their classification.
2. Clinical manifestations of peptic ulcer, possible complications.
3. Whipple's disease: etiology, pathogenesis, clinic, diagnosis, treatment.
4. Antibiotic-associated diarrhea: causes, clinic, diagnosis, treatment, prevention.
5. The choice of diagnostic and therapeutic tactics for gastric and duodenal ulcers of various etiologies.
6. Treatment of peptic ulcer: general and dietary recommendations for peptic ulcer disease and symptomatic and NSAID-induced gastric and duodenal ulcers.
7. Classification and properties of antisecretory drugs, antibacterial agents from the group of macrolides, tetracyclines, nitroimidazoles, nitrofurans, synthetic penicillins, fluoroquinolones, cytoprotectors, bismuth drugs, antacids.
8. Features of the clinical course depending on the degree of activity, severity and phase of the course. Diagnostic criteria. Differential diagnosis.
9. Complications and diseases associated with nonspecific ulcerative colitis (sclerosing cholangitis, spondylitis, arthritis, dermatoses).
10. Approaches to the treatment of inflammatory diseases of the colon.
11. Whipple's disease: etiology, pathogenesis, clinic, diagnosis, treatment.
12. Antibiotic-associated diarrhea: causes, clinic, diagnosis, treatment, prevention.
13. Intestinal microflora.
14. Laboratory-instrumental methods of research of intestines and structure of its microflora.

3. Assessment Policy.

3.1. Current training activity. Evaluation of the success of education of students is carried out on the basis of the current "Instructions for evaluating the educational activities of students of KNMU"

Teachers shall ensure that each master receives the necessary competences in the areas covered by the practical classes. Mastering the topic (current control) is controlled by practical lessons according to specific goals, tests, solution of situational tasks, control of the acquisition of practical skills.

When assessing the mastering of each discipline subject (current training activity - CTA) and the final session (software), the master is awarded an assessment according to the traditional 4-point system: "excellent", "good", "satisfactory" and "unsatisfactory".

Score from discipline. The final lesson (FL) is conducted according to the program of the discipline during the semester on a schedule, during the classes.

Assessment of the discipline is given to the master at the last (final) class. The total score for the CTA and the final lesson (FL) is defined as the arithmetic mean of the traditional scores for each lesson and the software, rounded to 2 decimal places (to the nearest hundredths), which are converted into points according to the "Instructions for Assessment of Master Learning Activities" the average score (up to one hundredth) and its conversion to ECTC points is automatically obtained by the teacher through from the Electronic journal. The minimum number of points that a master must earn for his / her current activity while studying the discipline is 120 points, and the maximum number of points is 200 points.

The maximum number of points that a master can gain in studying the discipline is - 200, the minimum is 120 points. The type of final control is credit.

After completing the teaching of the discipline the master gets a credit.

Assessment of masters' independent work. Independent work of masters, which is provided by the topic of the lesson along with the classroom work, is assessed during the ongoing control of the topic at the relevant lesson.

Table 3

**Recalculation of the average for current activity in a multi-scale scale
(for disciplines ending with credit)**

4-point scale	200-point scale	4-point scale	200-point scale	4-point scale	200-point scale
5	200	4.22-4,23	169	3.45-3,46	138
4.97-4,99	199	4.19-4,21	168	3.42-3,44	137
4.95-4,96	198	4.17-4,18	167	3.4-3,41	136
4.92-4,94	197	4.14-4,16	166	3.37-3,39	135
4.9-4,91	196	4.12-4,13	165	3.35-3,36	134
4.87-4,89	195	4.09-4,11	164	3.32-3,34	133
4.85-4,86	194	4.07-4,08	163	3.3-3,31	132
4.82-4,84	193	4.04-4,06	162	3.27-3,29	131
4.8-4,81	192	4.02-4,03	161	3.25-3,26	130
4.77-4,79	191	3.99-4,01	160	3.22-3,24	129
4.75-4,76	190	3.97-3,98	159	3.2-3,21	128
4.72-4,74	189	3.94-3,96	158	3.17-3,19	127
4.7-4,71	188	3.92-3,93	157	3.15-3,16	126
4.67-4,69	187	3.89-3,91	156	3.12-3,14	125
4.65-4,66	186	3.87-3,88	155	3.1-3,11	124
4.62-4,64	185	3.84-3,86	154	3.07-3,09	123
4.6-4,61	184	3.82-3,83	153	3.05-3,06	122
4.57-4,59	183	3.79-3,81	152	3.02-3,04	121
4.54-4,56	182	3.77-3,78	151	3-3,01	120
4.52-4,53	181	3.74-3,76	150	Less 3	Not enough
4.5-4,51	180	3.72-3,73	149		
4.47-4,49	179	3.7-3,71	148		

4.45-4,46	178	3.67-3,69	147
4.42-4,44	177	3.65-3,66	146
4.4-4,41	176	3.62-3,64	145
4.37-4,39	175	3.6-3,61	144
4.35-4,36	174	3.57-3,59	143
4.32-4,34	173	3.55-3,56	142
4.3-4,31	172	3.52-3,54	141
4,27-4,29	171	3.5-3,51	140
4.24-4,26	170	3.47-3,49	139

**Correspondence of discipline
assessment in points assessment
in ECTS and traditional
assessment**

Assessment of discipline in points	Assessment on the ECTS scale	Traditional assessment from the discipline
180–200	A	5
160–179	B	4
150–159	C	4
130–149	D	3
120–129	E	3
Less 120	F, FX	2

3.2. Questions for credit.

1. Etiology, pathogenesis of peptic ulcers, their classification.
2. Clinical manifestations of ulcer disease, possible complications.
3. Features of the course of ulcer disease in the elderly, gender features of ulcer disease; features of diagnosis and treatment of atypical localization of ulcers (cardiac department of the stomach, postbulbar ulcers of the duodenum).
4. Methods of diagnosis of peptic ulcers (interpretation of the endoscopic picture of the stomach and duodenum, interpretation of contrast radiography of the stomach, review radiography of the abdominal cavity, ¹³C-urease breath test).
5. The choice of diagnostic and therapeutic tactics for gastric and duodenal ulcers of various etiologies.
6. Treatment of ulcer disease: general and dietary recommendations for peptic ulcer disease and symptomatic and NSAID-induced gastric and duodenal ulcers.
7. Classification and properties of antisecretory drugs, antibacterial agents from the group of macrolides, tetracyclines, nitroimidazoles, nitrofurans, synthetic penicillins, fluoroquinolones, cytoprotectors, bismuth drugs, antacids.

8. Schemes and duration of eradication of Helicobacter Pylory of the 1st and 2nd line, reserve antihelicobacter drugs. Terms and methods of monitoring the effectiveness of treatment.
9. Differences in the tactics of management of patients with gastric and duodenal ulcers.
10. Methods of treatment of NSAID-induced and symptomatic ulcers.
11. Complications of ulcer disease, diagnostic and treatment tactics for them. Indications for surgical treatment of peptic ulcers.
12. Physiological mechanisms of intestinal digestion, malabsorption and maldigestion syndrome.
13. Clinical characteristics of intestinal dyspepsia.
14. Etiopathogenetic factors in the development of diseases of the small intestine.
15. Classification of diseases of the small intestine.
16. Clinical manifestations of enteritis.
17. Methods of diagnosis of diseases of the small intestine.
18. Approaches to the treatment of diseases of the small intestine.
19. Gluten enteropathy: mechanisms of development, morphological changes, clinical manifestations, diagnostic methods and principles of treatment of celiac disease.
20. Definition of symptom of irritated intestines. Roman diagnostic criteria.
21. Diagnostic criteria for symptom of irritated intestines. Differential diagnosis. Treatment of various forms. Primary and secondary prevention. Forecast and efficiency.
22. Nonspecific inflammatory bowel disease (nonspecific ulcerative colitis and Crohn's disease): definition, etiology and pathogenesis, classification.
23. Features of the clinical course depending on the degree of activity, severity and phase of the course. Diagnostic criteria. Differential diagnosis.
24. Complications and diseases associated with nonspecific ulcerative colitis (sclerosing cholangitis, spondylitis, arthritis, dermatoses).
25. Approaches to the treatment of inflammatory diseases of the colon.
26. Whipple's disease: etiology, pathogenesis, clinic, diagnosis, treatment.
27. Antibiotic-associated diarrhea: causes, clinic, diagnosis, treatment, prevention.
28. Intestinal microflora is normal.
29. Causes of dysbiosis.
30. Classification of dysbiosis.
31. Clinical signs of dysbiosis. Degrees of severity.
32. Laboratory and instrumental methods of research of intestines and structure of its microflora

3.3. Control questions

Consists in methodical recommendations from each lesson.

3.4. Individual tasks

Preparation for a practical lesson. Writing essays, preparing presentations on a particular topic.

Assessment of individual tasks of the masters is carried out under the conditions of the teacher's tasks (report of a lecture at a practical lesson, a report with a presentation at a practical lesson, a report at scientific and practical conferences of the department, university, writing abstracts, articles, participation in the All-Ukrainian Olympiad). Points (no more than 10) are added as an incentive extra point to the final grade for the current learning activity. The total amount of points for the current educational activity may not exceed 200 points.

3.5. Rules for appealing the assessment

According to the provision on the appeal of the results of the final control of students of KhNMU

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_apel.pdf

4. Course politics.

Academic expectations of students and female students. Course requirements.

Students and female students are expected to attend all practical classes. If they missed classes, it is necessary to complete it (according to the schedule at the information stand of the department).

Written and homework assignments must be completed in full and on time, if students have questions, they can contact the teacher personally.

In order to achieve the learning goals and successfully complete the course, it is necessary: from the first day to join the work; read the material beforehand before considering it in a practical session; not to be late or miss classes; to come to the department dressed in a medical gown, to have replaceable shoes, to have a phonendoscope, a notebook, a pen; complete all necessary tasks and work daily; be able to work with a partner or as part of a group; seek help and receive it when you need it.

Practical classes

Active participation in the discussion in the classroom, students should be ready to understand in detail the material, ask questions, express their point of view, discuss. During the discussion, the following are important:

- respect for colleagues,
- tolerance towards others and their experiences,
- sensitivity and impartiality,
- the ability to disagree with opinions, but respect the personality of the opponent,
- careful argumentation of your opinion and the courage to change your

position under the influence of evidence,

- “I am” a statement when a person avoids unnecessary dressing up, describes his feelings and formulates his wishes based on his own thoughts and emotions,

- compulsory acquaintance with primary sources.

Creative approach in its various forms is encouraged. Students are expected to be interested in participating local, all-Ukrainian and international conferences, competitions and other events with a subject profile.

Students can discuss various tasks, but their implementation is strictly individual. Cheating, using various software tools, prompts, using a mobile phone, tablet or other electronic gadgets during the class for purposes not related to the educational process are not allowed. Students are not allowed to be late for practical classes.

Visiting patients during supervision in the hospital is possible, provided that students have the appropriate uniform.

Students with special needs can meet with the teacher or warn him before the start of classes, at the request of the student this can be done by the head of the group. If you have any questions, please contact the teacher.

Students are encouraged to participate in scientific research and conferences on this topic.

All students of KNMU are protected by the Regulation on the Prevention, Prevention and Management of Cases of Sexual Harassment and Discrimination at Kharkiv National Medical University, designed to determine an effective mechanism for resolving conflict situations related to discrimination and sexual harassment. This Regulation was developed on the basis of such regulatory legal acts of Ukraine: the Constitution of Ukraine; Law of Ukraine "On Education"; Law of Ukraine "On Higher Education"; Law of Ukraine "On the 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; The Convention against Discrimination in Education; The Convention on the Elimination of All Forms of Discrimination against Women; General Recommendation No. 25 to article 4, paragraph 1, of the Convention on the Elimination of All Forms of Discrimination against Women; General Comment No. 16 (2005) “Exactly for men and women the right to enjoy economic, social and cultural rights” (Article 3 of the International Covenant on Economic, Social and Cultural Rights; UN Committee on Economic, Social and Cultural Rights) Recommendations on education in the spirit international understanding, cooperation and peace and education in the spirit of respect for human rights and fundamental freedoms (UNESCO) Concept of the State social program for ensuring equal rights and opportunities for women and men for the period until 2021. Kharkiv National Medical University provides education and employment free from discrimination, sexual harassment, intimidation or exploitation. The university recognizes the importance of confidentiality. All persons responsible for the implementation of this policy (employees / -these dean's offices, faculties, institutes and the Center for Gender

Education, members of the student government and ethics committee, vice-rector for scientific and pedagogical work) respect the confidentiality of persons who report or are accused of discrimination or sexual harassment (excluding situations where legislation requires the disclosure of information and / or when disclosure of circumstances by the University is necessary to protect the safety of others).

KNMU creates a space of equal opportunities, free from discrimination of any national, racial or ethnic origin, gender, age, disability, religion, sexual orientation, gender, or marital status. All rights, privileges, programs and activities that are granted to students / female students or university staff apply to all, without exception, subject to proper qualifications. The anti-discrimination policy and the policy of counteracting sexual harassment of KNMU is confirmed by the Code of Corporate Ethics and the Charter of KNMU.

Classroom Behavior (Basic "yes" and "no")

It is important for students to follow the rules of proper conduct at the university. These rules are general for everyone, they also apply to the entire faculty and staff, and do not fundamentally differ from generally accepted norms.

During classes it is not prohibited:

- to leave the audience for a short time if necessary and with the permission of the teacher;
- drink soft drinks;
- take pictures of presentation slides;
- actively participate in the lesson

Prohibited:

- to eat (except for persons whose special medical condition requires another - in this case, medical confirmation is required)
- to smoke, consume alcoholic and even low-alcohol drinks or drugs;
- to use obscene language or use words that offend the honor and dignity of colleagues and faculty;
- to play gambling;
- to damage the material and technical base of the university (damage inventory, equipment; furniture, walls, floors, litter premises and territories)
- to make noise, shout or listen to loud music in classrooms and even corridors during class.

Occupational Safety and Health

At the first class of the course, the basic principles of labor protection will be explained by conducting appropriate instructions. It is expected that each and every one should know where the emergency exit closest to the audience is, where the fire extinguisher is located, how to use it, and the like.

The procedure for informing about changes in the Syllabus: the necessary changes in the Syllabus are approved by the methodological commission of the KhNMU on the problems of professional education of the surgical profile and are published on the website of the KhNMU, the website of the Clinical pharmacology department of the KhNMU.

5. Academic integrity.

The Department of Clinical Pharmacology and Internal Medicine maintains zero tolerance for plagiarism.

This position grounded at the requirements of 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

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

ACADEMIC INTEGRITY:

http://www.knmu.kharkov.ua/index.php?option=com_content&view=article&id=2520%3A2015-04-30-08-10-46&catid=20%3A2011-05-17-09-30-17&Itemid=40&lang=uk

http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/kodex_AD.docx

In the first lessons, informational events will be held on what exactly is considered plagiarism and how to correctly carry out an experimental scientific search.

6. Recommended literature

Basic

1. Yamada's Handbook of Gastroenterology, Fourth Edition. John M. Inadomi, Renuka Bhattacharya, Joo Ha Hwang, Cynthia Ko. First published: 20 November 2019. Print ISBN: 9781119515692 | Online ISBN: 9781119515777 | DOI: 10.1002/9781119515777
2. Yamada's Textbook of Gastroenterology, Volume Set, 6th Edition. Daniel K. Podolsky (Editor), Michael Camilleri (Editor), J. Gregory Fitz (Editor), Anthony N. Kalloo (Editor), Fergus Shanahan (Editor), Timothy C. Wang (Editor). ISBN: 978-1-118-51206-7. December 2015. Wiley-Blackwell, 3440 Pages.
3. Russell D. Cohen. Inflammatory Bowel Disease: Diagnosis and Therapeutics (Clinical Gastroenterology) 3rd ed. Edition. 2017
4. Гастроентерологія : у 2-х томах.- 2-ге вид., перероб. та доп. / за ред. Харченко Н.В., Бабак О.Я. - Кіровоград: Поліум, 2016.-Т. 1.- 720с.

7. Information resources

1. Link from the page of educational course in Moodle:
<http://31.128.79.157:8083/course/view.php?id=3046>
2. <http://www.medscape.com>,
3. <http://www.orpha.net>,

4. <https://www.aace.com/>, <http://nbuv.gov.ua> – site of the National Library of Ukraine named after VI Vernadsky.
5. <http://korolenko.kharkov.com> – site of Kharkiv State Scientific Library named after VG Korolenko
6. KhNMU repository (<http://repo.knmu.edu.ua/>) and the library of KhNMU (<http://libr.knmu.edu.ua/>)