

MINISTRY OF HEALTH OF UKRAINE
KHARKIV NATIONAL MEDICAL UNIVERSITY
Department of Propaedeutics of Internal Medicine №1,
Fundamentals of Bioethics and Biosafety
Academic year 2021-2022

SYLLABUS OF THE EDUCATIONAL COMPONENT
«Palliative and hospice medicine»

Normative educational component

The form of education is full-time, part-time, remote

Area of knowledge 22 "Health care"

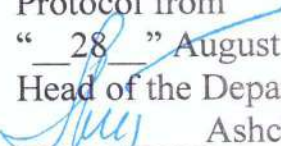
Specialty (specialization) 222 "Medicine" - masters

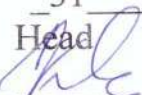
Educational-professional program (educational-scientific program) of the second (master's) level of higher education

Course __ VI __

The syllabus of the discipline was approved at the meeting of the department of Propaedeutics of Internal Medicine №1, Fundamentals of Bioethics and biosafety

Approved by the methodical commission on problems of therapeutic profile of KhNMU

Protocol from
“_28_” August 2021 №_16_
Head of the Department
 Ashcheulova T.V.

Protocol from
“_31_” August 2021 №_1_
Head
 professor Kravchun P.G.

SILABUS DEVELOPERS:

1. Kuzmenko Nataliia Mykhailivna, assistant of the department of Propaedeutics of Internal Medicine №1, Fundamentals of Bioethics and Biosafety, Ph.D,

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Pytetska Natali Ivanivna, Doctor of Medical Science, Professor

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According to the schedule posted on the information stand of the department of Propaedeutics of Internal Medicine №1, Fundamentals of Bioethics and biosafety

Location: 61035, Kharkiv, Gagarina Ave., 137

INTRODUCTION

The syllabus of the discipline "Palliative and Hospice Medicine" is compiled in accordance with the educational-professional program (hereinafter - OPP) "Medicine" and the Standard of Higher Education of Ukraine (hereinafter - the Standard), the second (master's) level, field of knowledge 22 "Health care" , specialty "Medicine" (subject to availability)

Description of the discipline (abstract) The study of the discipline "Palliative and Hospice Medicine" is carried out in the sixth year of study, when there is profiling appropriate to the direction of training and offers consideration of basic information, concepts and concepts of palliative and hospice medicine, its types. Psychological and spiritual aspects of palliative care are considered. Hospice. Characteristics, principle of operation. Issues related to chronic pain are addressed. Issues of oncological pathology and drug therapy of cancer patients are covered.

The subject The study of the discipline is a set of functional responsibilities and professional actions of health professionals, as well as a set of measures aimed at creating favorable conditions for pain relief, alleviation of severe manifestations of the disease and improving the quality of life of incurable patients.

Interdisciplinary connections: Palliative and hospice medicine as a discipline:

- a) is based on the study of students - human anatomy; histology, biochemistry, physiology, pathomorphology; pathophysiology; surgery, internal medicine, pediatrics, pharmacology and integrates with these disciplines;
- b) is an integral part of all clinical disciplines and includes their most important sections, including internal medicine, pediatrics, surgery, traumatology and orthopedics, neurosurgery, urology, obstetrics and gynecology and other disciplines, involving the integration of teaching with these disciplines and ability to apply knowledge in the process of further study and professional activity;
- c) provides an opportunity to gain practical skills and develop professional skills for the diagnosis and provision of palliative care for certain pathological conditions and during the care of patients;
- d) forms the methodological foundations of clinical thinking.

Prerequisites The study of the discipline "Palliative and Hospice Medicine" focuses on basic knowledge of academic disciplines acquired at previous levels of education, namely: human anatomy, normal physiology, pathological physiology, patient care. nursing practice, propaedeutics in internal medicine, pharmacology, oncology, internal medicine. The organization of students' work involves the formation of conceptual and categorical array of information on each topic, practical work, control questions and independent tasks.

Postrequisites As a result of studying the course, students of the second master's level of higher education can use the learning outcomes in the study of cardiology,

neurology, surgery, psychiatry, oncology, as well as in writing abstracts of conferences, scientific publications in Ukrainian and foreign publications, study and internships abroad. grants and scholarships), postgraduate studies.

<http://pim1.kharkov.ua/>

1. PURPOSE AND TASKS OF THE COURSE

1.1. The purpose of studying the discipline is students gain knowledge about palliative care as a set of medical interventions aimed at relieving pain and alleviating other serious manifestations of the disease - physical, psychological and spiritual, in order to improve the quality of life of incurable patients.

1.2. The main tasks of studying the discipline are

1) to consider palliative care as a medical and social direction of the state and society, the main purpose of which is to maintain the quality of human life in its final period of life, maximum relief of physical and moral suffering of the patient and his relatives, preservation of human dignity on the verge of inevitable biological death;

2) take into account the peculiarities of patients in need of palliative care, who are people with chronic incurable diseases (cancer, cardiovascular and neurovascular, neurodegenerative brain lesions, patients in the terminal stages of tuberculosis, HIV / AIDS, diabetes, etc.);

3) provide professional psychological care, which also applies to family members of the patient, including in the near future after the death of the latter;

4) use a holistic interdisciplinary (holistic) approach, which is achieved through coordination by doctors, nurses and other medical and non-medical professionals in all aspects of patient care.

5) relief of pain and other symptoms of incurable progressive disease, ensuring the maximum possible consideration of the needs and wishes of patients with incurable diseases

6) spiritual support of palliative patients taking into account their religious beliefs and needs; providing support and rehabilitation measures that help to lead the most active social life; ensuring the maximum possible quality of life and dignity of palliative patients.

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

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

integral:

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,

which involves research and / or innovation and is characterized by complexity and uncertainty of conditions and requirements

general:

1 - Ability to abstract thinking, analysis and synthesis, the ability to learn and possess modern knowledge.

2 - Ability to apply knowledge in practical situations.

3 - Knowledge and understanding of the subject area and understanding of professional activity.

4 - Ability to adapt and act in a new situation

5 - Ability to make an informed decision; work in a team; interpersonal skills

6 - Ability to communicate in the state language both orally and in writing; ability to communicate in a foreign language

7 - Skills in the use of information and communication technologies

8 - Definiteness and persistence in terms of tasks and responsibilities

9 - The ability to act socially responsibly and consciously

10 - The desire to preserve the environment

special (professional, subject):

1 - Survey skills

2 - Ability to determine the required list of laboratory and instrumental studies and evaluate their results

4 - Ability to determine the required mode of work and rest, the nature of nutrition in the treatment of diseases

6 - Ability to diagnose emergencies

7 - Ability to determine tactics and skills of emergency medical care

9 - Skills to perform medical manipulations

11 - Ability to plan and conduct sanitary, preventive and anti-epidemic measures, including infectious diseases

14 - 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 *Knowledge and understanding:*

1 – acquisition by a person of general and special fundamental and professionally-oriented knowledge, skills, abilities, competencies necessary for the performance of typical professional tasks related to his / her activity in the medical field in the relevant position

2 – knowledge of psychophysiological features of the person, human health, support of health, prevention of diseases, treatment of the person, health of the population

PLO 2 *Application of knowledge and understanding:*

3 – ability 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

4 – collection of patient information

- 5 – evaluation of survey results, physical examination, laboratory and instrumental research data
- 7 - determination of the nature, principles of treatment diseases
- 8 – determination of the necessary diet, mode of work and rest in the treatment of diseases
- 10 – diagnosing emergencies, determining the tactics of emergency medical care
- 11 – carrying out sanitary and hygienic and preventive measures
- 13 – carrying out medical and evacuation measures
- 15 – performing medical manipulations
- 17 – maintenance of medical documentation, processing of state, social and medical information

PLO 3 *Formation of judgments:*

- 18 – ability to assess and support human health, taking into account the impact of the environment and other health factors
- 20 – ability to 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
- 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 following social skills (**Soft skills**):

communicativeness (implemented through: method of working in pairs and groups, brainstorming, method of self-presentation), teamwork (implemented through: project method, openwork saw), conflict management (implemented through: dramatization method, game methods), time management (implemented through: project method, group work, trainings), leadership skills (implemented through: group work, project method, self-presentation method).

2. INFORMATION SCOPE OF THE COURSE

Name indicators	Field of knowledge, specialty, educational degree, OPP	Characteristics of the discipline
		daily form of education
Number of credits – 3.0	Area of knowledge 22 "Health care"	Normative
Total number of hours – 90	Specialty: 222 "Medicine"	Year of preparation (course): 6th
		Semester 11, 12th
Hours for full-time study: classroom – 40 independent work of the student -50	Educational degree: "Medicine" of the second (master's) level of higher education master	Lectures 0 h.
		Practical, seminar 40 h.
		Laboratory 0 h.
		Individual work 50 h.
		Individual tasks: 0 h.
		Type of final control: diff. test

2.1 Description of the discipline

Lectures and seminars are not provided.

2.2.3 Practical training

№	Name topics	Number hours	Methods teaching	Forms control
1	Topic 1. Introduction to the specialty. Fundamentals of gerontology. The main tasks of geriatric care in Ukraine. Principles of organization and provision of palliative and hospice care in Ukraine.	5		
2	Topic 2. Palliative care in the practice of a family doctor.	5		
3	Topic 3. Patterns of development and course of chronic incurable diseases, the concept of quality of life.	5		
4	Topic 4. Typical clinical symptoms in palliative and hospice medicine. Adjuvant drugs in palliative medicine.	5		
5	Topic 5. Psychological and psychotherapeutic aspects of palliative and hospice medicine.	5		
6	Topic 6. Palliative oncology. Providing palliative and hospice care to patients with malignant neoplasms, HIV / AIDS and tuberculosis.	5		
7	Topic 7. Features of palliative care for the elderly.	5		
8	Topic 8. The role and functions of the doctor in the terminal period of life: elements of medical thanatology. Differentiated test.	5		
	Hours in general	40		

2.2.5. Individual work

№	Name topics	Number hours	Methods teaching	Forms control
1	Legislative and normative documents of the Ministry of Health of Ukraine on the organization and provision of geriatric, palliative and hospice assistance to the population.	5		
2	Palliative care for diseases of the digestive	5		

	system elderly and senile age.			
3	Palliative care for diseases of the endocrine system in elderly and senile age	5		
4	Palliative care for diseases of the musculoskeletal system elderly and senile age	5		
5	Palliative care for psychoneurological diseases in elderly and senile age	5		
6	Palliative care for diseases of the hearing organs in the elderly and old age	5		
7	Palliative care for diseases of the visual organs in the elderly and old age	5		
8	Palliative care for skin diseases in the elderly and senile age	5		
9	Palliative care for diseases of the hematopoietic system in elderly and senile age	5		
10	Palliative care for diseases of the urinary and genital systems in old age and old age	5		
11	Preparation for the differential test	-		
	Hours in general	50		

Teaching methods story-explanation, presentation, videos, videos, discussion.

Control methods

Current control: oral examination (individual and frontal); written survey; test control; individual tasks; abstracts; annotations; report; declamation.

Final control: differentiated test.

3. EVALUATION CRITERIA

3.1. 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 KhNMU"

Marks system based at the " Instruction on assessment of educational activity of students at the European credit-transfer system of the organization of educational process in KhNMU " (2016).

During each practical classes students have traditional 4-point system marks: "excellent", "good", "satisfactory" or "unsatisfactory".

The final score for the current learning activity is defined as the arithmetic mean of traditional grades for each lesson and converted to a multi-point scale according to Table 1.

Table 1

Recalculation of the average grade for current activities in a multi-point scale for disciplines that end with a 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 than 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		

3.2. Test questions

1. Fundamentals of gerontology.
2. The main tasks of geriatric care in Ukraine.
3. Principles of organization and provision of palliative and hospice care in Ukraine.
4. Palliative care in the practice of a family doctor.
5. Patterns of development and course of chronic incurable diseases, the concept of quality of life.
6. Typical clinical symptoms in palliative and hospice medicine.
7. Adjuvant drugs in palliative medicine.

8. Psychological and psychotherapeutic aspects of palliative and hospice medicine.
9. Palliative oncology.
10. Providing palliative and hospice care to patients with malignant neoplasms.
11. Providing palliative and hospice care to patients with HIV / AIDS.
12. Providing palliative and hospice care to patients with tuberculosis.
13. Features of palliative care for the elderly.
14. Palliative care for children: clinical, bioethical and organizational issues
15. The urgency of the problem of providing palliative care to children in the world and in Ukraine.
16. The role and functions of the doctor in the terminal period of life: elements of medical thanatology.
17. Basic approaches to social work in the field of palliative and hospice care
18. Cooperation of social workers and medical specialists in providing palliative and hospice care
19. General principles of providing medical care to the elderly.
20. Death of the organism: clinical and biological death; final period of life.

3.3. Control questions

- History of the hospice movement in the world, Ukraine
- The concept of counseling and its ethical aspects.
- Legal aspects of palliative and hospice care.
- Diseases, counseling, care, methods of palliative care.
- Features of patient management in the terminal stage
- Organization of palliative and hospice care for urban and rural populations.
- The place and role of the family doctor
- Organization of medical care for incurable patients.
- Care. Methods of palliative treatment of the main symptoms and syndromes
- Palliative and symptomatic treatment of cancer patients, conservative and surgical methods.
- Treatment of pain in cancer patients.
- The specifics of providing emergency care to incurable patients with oncopathology.

3.4. Individual tasks

Writing abstracts, annotations, reports, creating presentations or speeches on a given topic:

1. Legislative and normative documents of the Ministry of Health of Ukraine on the organization and provision of geriatric, palliative and hospice care to the population.
2. Palliative care for diseases of the digestive system elderly and senile age.
3. Palliative care for diseases of the endocrine system elderly and senile age
4. Palliative care for diseases of the musculoskeletal system elderly and senile age

8. Palliative care for psychoneurological diseases in elderly and senile age
9. Palliative care for diseases of the hearing organs in the elderly and old age
10. Palliative care for diseases of the visual organs in the elderly and old age
11. Palliative care for skin diseases in the elderly and senile age
12. Palliative care for diseases of the hematopoietic system in elderly and senile age
13. Palliative care for diseases of the urinary and genital systems in old age and old age

3.6. Rules for appealing the assessment

Applicants for higher education have the right to appeal the assessment of the discipline obtained during the control measures. The appeal is carried out in accordance with the "Regulations on the organization, conduct of current and final control and the procedure for its appeal"
https://drive.google.com/file/d/1vKSocYwDYCGG-dcB5v6xCQhW9x_QcfTT/view .

4. DISCIPLINE POLICY

Discipline requirements – following the laws of Ukraine, Kharkiv National Medical University rules, general ethics.

Class attendance and behavior - prohibition of absence, delays.

Academic Integrity Policy – following the academic integrity.

Policy for people with special educational needs – individual approach to students according curriculum.

Recommendations for successful discipline passing – following the curriculum, obtaining enough of points.

Penalties – non-compliance with these requirements leads to penalties.

Accident prevention – following the safety regulations.

Procedure for informing about syllabus changes - this information is available at the official website of Kharkiv National Medical University.

5. ACADEMIC INTEGRITY

The policy of the educational component is based on the principles of academic integrity (link to the provisions on the university website http://files.knmu.edu.ua:8181/upload/redakt/doc_uchproc/polog_ad_etyka_text.pdf and is determined by the system of requirements that the teacher imposes on the applicant when studying the educational component: compliance with safety rules in the classroom; prevention of academic plagiarism, falsification, fabrication, write-off, prohibition of the use of additional sources of information in the assessment of knowledge (including electronic means), when using Internet

resources and other sources of information, the applicant must indicate the source used in the task

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

6. RECOMMENDED LITERATURE

Basic:

1. Oxford American Handbook of Hospice and Palliative Medicine and Supportive Care. Edited by Sriram Yennurajalingam, Eduardo Bruera. Second Edition. Oxford University Press 2016, 510 p.
2. Textbook of Family Medicine. NINTH EDITION. Robert E. Rakel, David P. Rakel. - Elsevier, Philadelphia, PA, 2016 – 1201 p.
3. White Book for Global Palliative Care Advocacy. Recommendations from the PAL-LIFE expert advisory group of the Pontifical Academy for Life, Centeno C, Sitte T, De Lima L, Alsirafy S, Bruera E, Callaway M, Foley K, Luyirika E, Mosoiu D, Pettus K, Puchalsky C, Rajogopal MR, Yong JS, Garralda E, Rhee JY, Comoretto N., Vatican City, 2018 – 103p.

Additional :

1. Palliative Care: A Guide for Health Social Workers. Bridget Sumser, Meagan Leimena, Terry Altilio, Oxford University Press Inc, 2019 - 288p.
2. Palliative Care Nursing: Quality Care to the End of Life. Marianne Matzo, Deborah Witt Sherman, Springer Publishing Co Inc, 2016 – 704p.

7. INFORMATION RESOURCES:

1. <http://knmu.kharkov.ua/>
2. http://knmu.kharkov.ua/index.php?option=com_content&view=article&id=226%3A-1&catid=7%3A2011-05-05-09-09-08&Itemid=27&lang=uk
3. <http://repo.knmu.edu.ua/>
4. <http://pim1.kharkov.ua/>
5. <http://distance.knmu.edu.ua/login/index.php>
6. http://search.ligazakon.ua/l_doc2.nsf/link1/RE34892.html
7. <http://www.moz.gov.ua/ua/portal>
8. <http://www.mon.gov.ua/>