



Syllabus of discipline «Palliative and hospice medicine»

1. General Information	
F aculty name	Medical Faculty №1
Educational program (branch, specialty, level of higher education, form training)	22 Health care , 221 Medicine , the second (master's) level of higher education , full-time form of education
Academic year	2023-2024
Name of discipline, code (<i>e - mail address on the site of Danylo Halytskyi Lviv National Medical University</i>)	Palliative and hospice medicine
Department (name, address, phone, email)	Department of Family Medicine 79013, Lviv city, 107 Lychakivska street, Kaf_familymedicine@meduniv.lviv.ua
Head of department (e - mail address)	professor, doctor of medical sciences Nadashkevich O.N. , Kaf_familymedicine@meduniv.lviv.ua
Year of study (year in which the study of the discipline is implemented)	6-th
Semester (semester in which the study of the discipline is implemented)	11 -12-th
Discipline / module type (compulsory / optional)	compulsory
Lecturers (names, surnames, scientific degrees and titles of teachers who teach the discipline, contact e-mail)	Professor Abragamovich M.O. marjana2003@ukr.net Associate Professor Paraschuk B.M. pb02@ukr.net , Associate Professor Shalko I.V. i.shalko@meta.ua , Associate Professor Kit Z.M. zoryana.kit27@gmail.com Associate Professor, MD Vergun A.R., plagiamail@meta.ua

Erasmus yes/no (availability of the discipline for students within the Erasmus + program)	no
Person responsible for the syllabus (person to whom comments on the syllabus should be provided, contact e-mail)	headmaster associate professor Paraschuk B.M pb02@ukr.net ,
Total number of ECTS credits	3
Number of hours (lectures / practical classes / independent students' work)	75 hours (practical classes - 38 hours independent students' work - 37 hours)
<u>Course language</u>	<u>English</u>
Consultation information	Consultations are held in accordance with the schedule of <u>consultations approved by the head of the department</u>
Ad dress, telephone and rules of operation of the clinical base, office... (if necessary) _____	

2. Short abstract to the course

The curriculum "Palliative and Hospice Medicine" is aimed to train professionals the second (master's) level of higher education field of knowledge 22 "Health care", specialty 222 "Medicine". The program offers a review of basic information, idea and concepts of palliative and hospice medicine, its types. Psychological and spiritual aspects of palliative care are considered. Hospice. Characteristic, working principle. Issues related to chronic pain are considered. The issues of oncological pathology and drug therapy of oncological patients are covered. Information on HIV infection is presented separately.

General characteristics, short description of the course, features, advantages

3. Aim and objectives of the course

1. The aim of teaching the discipline "Palliative and Hospice Medicine" (the ultimate goal) is to prepare a master's degree in the specialty. Descriptions of goals are formulated through skills in the form of target tasks (actions). Based on the ultimate goals of the module, specific goals are formulated in the form of certain skills (actions), target tasks that ensure the achievement of the ultimate goal of studying the discipline.
2. Learning objectives:
 - Determine the tactics of palliative care;
 - interpret the results of the study;
 - demonstrate skills in keeping medical records;
 - demonstrate mastery of the principles of oncological deontology.
3. Competences and learning outcomes, the formation of which provides for the study of the discipline (general and special competencies):
 - general:
 - ability to act socially responsible and civic conscious;
 - ability to apply knowledge in practical situations;
 - ability to abstract thinking, analysis and synthesis;
 - ability to communicate in the native language verbally and in writing;
 - ability to communicate with representatives of other professions.
 - special (professional, subject):
 - interpret the results of the study;
 - formulate the general tactics of treatment;

• demonstrate mastery of the principles of oncological deontology		
4. Prerequisites of the course		
Information on the disciplines, basic knowledge and learning outcomes required by the student (enrolled) for successful study and acquisition of competencies in this discipline is indicated:		
1. otolaryngology, 2. stomatology, 3. surgery, 4. dermatology, 5. therapy, 6. radiotherapy, 7. endocrinology, 8. gynecology, 9. urology.		
5. Program learning outcomes		
List of learning outcomes		
Learning outcome code	The content of the learning outcome	Reference to the competency matrix code
<i>Zn-1</i>	Modern idea of palliative and hospice care. Concept. Structure. Types.	<i>PR-1</i>
<i>Zn-2</i>	Psychological aspects of palliative care, social and spiritual aspects of palliative care.	
<i>Zn-3</i>	Hospice. Characteristic, working principle.	
<i>Zn-4</i>	Characteristics of chronic pain. Palliative care with chronic pain syndrome.	
<i>Zn-5</i>	Peculiarities of oncological pathology Palliative care for incurable oncological patients. Drug therapy of oncological patients HIV infection. Aspects of palliative care in patients with HIV	
<i>Zn-6</i>		
<i>Um-1</i> <i>Um-2</i>	Provide palliative and hospice care. Make a detailed plan for the treatment of a particular patient	<i>PR-2</i>
<i>K-1</i> <i>K-2</i>	To carry out professional activity in social interaction. Based on humanistic and ethical principles; to carry out professional activity in social interaction. Based on humanistic and ethical principles;	<i>PR-3</i>
<i>AB-1</i> <i>AB-2</i> <i>AB-3</i>	demonstrate the ability of independent search, analysis and synthesis; argue information for decision-making, be responsible for them in standard and nonstandard professional situations, To keep to the principles of deontology and ethics in professional activities	<i>PR-4</i>
6. Format and mount of the course		

Course format (specify full-time or part-time)		full-time		
Type of classes		Number of hours		Number of groups
lectures		0		
practical		40		
seminars		-		
independent students' work		50		
7. Topics and content of the course				
Studies type Code	Topic	Learning content	Learning outcome code	Lecturer
P-1	Principles of organizing and providing palliative and hospice care in Ukraine. Modern international approaches, standards and principles of organization of palliative and hospice care to the population. Regulatory and legal framework governing the provision of palliative and hospice care in Ukraine. Inpatient facilities for palliative and hospice care. Providing palliative care.	To form in the student the concept of indications for palliative and hospice medicine	Um-1 Um-2 K-1 K-2	According to the schedule
P-2	Palliative care in the practice of a family doctor. Criteria for granting the patient palliative status. Definition of "primary palliative care"; components. The terminal state of the patient. Agony. Rules for the care of a dying patient.	Provide information about the concept, structure and types of palliative and hospice medicine	Um-1 Um-2 K-1 K-2	According to the schedule
P-3	Patterns of development and course of chronic incurable diseases, the concept of quality of life. Disease, basic patterns and periods of development, options for completion. Quality of life and causes of its violation in patients with chronic incurable diseases. Clinical approaches and methods of quality assessment of palliative patients.	Provide information on aspects of palliative care: a psychological aspect	Um-1 Um-2 K-1 K-2	According to the schedule
P-4	Typical clinical symptoms in palliative and hospice medicine The presence of typical clinical symptoms in palliative patients. Pain syndrome in palliative patients: clinic, pathophysiology of pain. General principles of pain control in palliative medicine	Provide information on aspects of palliative care: social and spiritual aspects	Um-1 Um-2 K-1 K-2	According to the schedule

P-5	<p>Allergic dermatoses. Dermatitis. Toxicoderma. Eczema. Neurodermatitis.</p> <p>Features of the clinical course of Allergic dermatoses in palliative patients. Treatment methods.</p>	To form in the student the concept of the peculiarities of the clinical course of allergic dermatoses in palliative patients.	<p>Um-1 Um-2 K-1 K-2</p>	According to the schedule
P-6	<p>Fungal skin infections and mucosal diseases. Keratomycosis and mycosis of the feet. Trichomycosis. Pyoderma (staphylococcal and streptoderma). Features of the clinical course of palliative patients, methods of diagnosis, treatment and prevention.</p>	To form in the student the concept of the peculiarities of the clinical course of pyoderma and fungal skin diseases in palliative patients.	<p>Um-1 Um-2 K-1 K-2</p>	According to the schedule
P-7	<p>Soft tissue bedsores in the practice of a family doctor. Causes. Principles of prevention.</p> <p>Orthopedic prevention measures. Typical and atypical localization options.</p> <p>Clinical classifications of decubitus ulcers. Strategies for integrated treatment of chronic purulent wounds TIME, DOMINATE and others. Outpatient treatment and in the palliative and hospice department. Complication. Indications for hospitalization. Indications for necro-, sequestration necroctomy, renecrectomy and other interventions. Stages of interventions.</p>	To form in the student the concept features of providing palliative care	<p>Um-1 Um2 K-1 K-2</p>	According to the schedule
P-8	<p>Purulent-necrotic pathology of the hand and foot in palliative patients. Causes and ways of spread of purulent-necrotic process on the hand and foot. Surgical complications of mycosis. Incarnations of nails. Diabetic foot syndrome. Regularities of occurrence and clinical course. Features of complex treatment in the outpatient clinic and in the palliative and hospice department. Contractures of the extremities. Purulent-necrotic complications of deformities of the hand and foot. Peripheral circulatory disorders and gangrene in palliative patients. Features of planning and implementation of surgical interventions in terms of clinical prognosis and quality of life.</p>	Etiology, physiological features of purulent-necrotic process	<p>Um-1 Um-2 K-1 K-2</p>	According to the schedule

CPC-1-45	<p>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.</p> <p>Palliative care for diseases of the circulatory system, respiratory digestion, psychoneurological diseases in the elderly and senile age Palliative care for diseases of the endocrine, urogenital, haemopoietic system in the elderly and senile age. Palliative care for diseases of the musculoskeletal system in the elderly and senile age. Palliative care for skin diseases in the elderly and senile age.</p> <p>Features of the course of viral dermatoses in old age.</p> <p>Abscesses and soft tissue phlegmons in old age.</p> <p>Features of the course of purulent-necrotic processes in old age.</p>	<p>To acquaint with the diagnosis, features of clinic, indications for carrying out palliative therapy.</p> <p>Make a plan for palliative care. Determine the indications for hospitalization in the hospice.</p> <p>Features of conducting psychotherapy with the patient and his relatives.</p> <p>The agonal state of the patient. Providing medical, psychological and social assistance to the patient and his relatives.</p>	<p>Zn -1 Zn -2 Zn -3 Zn -4 Zn -5 Zn -6 K-1 K-2</p>	
<p><i>The following teaching methods are used in the process of studying the discipline "Palliative and Hospice Medicine":</i></p>				

<ul style="list-style-type: none"> • <i>by type of cognitive activity: explanatory and illustrative, analytical, synthetic, inductive, deductive;</i> • <i>according to the main stages of the process: formation of knowledge, application of knowledge, generalization, formation of abilities and skills, fixing, checking;</i> • <i>according to the system approach: stimulation and motivation, control and self-control;</i> • <i>according to sources of knowledge: verbal - story, conversation, visual - demonstration, illustration.</i> 			
8. Verification of learning outcomes			
<p style="text-align: center;">Current control</p> <p><i>is carried out during training sessions and aims to check the understanding of students of educational material (it is necessary to describe the forms of current control during training sessions). Forms of assessment of current educational activities should be standardized and include control of theoretical and practical training. The final grade for the current academic activity is given on a 4-point (national) scale</i></p>			
Learning outcome code	Studies type Code	Method of verifying learning outcomes	Enrollment criteria
<i>Zn -1</i> <i>Zn -2</i> <i>Zn -3</i> <i>Zn -4 Zn -5</i> <i>Zn -6</i> <i>K-1</i> <i>K-2</i> <i>AB-1</i> <i>AB-2</i> <i>AB-3</i> <i>YM-1</i> <i>YM-2</i>	<i>P-1</i> <i>P-2</i> <i>P-3</i> <i>P-4</i> <i>P-5</i> <i>P-6</i> <i>P-7</i> <i>P-8</i> <i>P-9</i> <i>P-10</i> <i>P-11</i> <i>P-12</i> <i>P-13</i> <i>P-14</i> <i>P-15</i>	<i>- individual verbal examination on</i> <i>theoretical issues that are included in the methodological developments on</i> <i>- test tasks;</i> <i>- solving situational tasks;</i> <i>- ability to recognize specific nosological forms of cancer;</i>	the student has deeply and perfectly mastered the theoretical material. can determine the etiology, pathogenesis, clinical features and variants of the disease in specific patients, conducts substantiation of the diagnosis, carries out differential diagnostics, makes the detailed plan of treatment and rehabilitation of the concrete patient (taking into account age, concomitant diseases), is able to provide emergency care, has in-depth knowledge of the principles of diagnosis and treatment, independently, competently and consistently, with complete completeness, using data from additional literature, answered all the questions with the ability to diagnose specific nosological forms, solved situational tasks.
<i>Zn -1</i>	CPC-1-45	<i>- design</i>	the student conducted a complete

Zn -2 Zn -3 Zn -4 Zn -5 Zn -6 K-1 K-2		of a written abstract	clinical examination of the patient, described its results, correctly assessed the general condition of the patient, clinical changes in organs and systems, the results of laboratory and functional methods of examination, correctly determined the clinical diagnosis according to the classification of diseases, prescribed complete and correct treatment, correctly determined the prognosis of the disease and means of its prevention. The student is acquainted with the additional literature and correctly used it in writing the differential diagnosis, therapy, epicrisis. Demonstrated the skills of logical clinical thinking.
Final concluding control			
General assessment system	Participation in the work during the semester on a 200-point scale		
Assessment scales	traditional 4-point scale, multi-point (200-point) scale, ECTS rating scale		
Terms of admission to final control	The student attended all practical (laboratory, seminar) classes and received at least 120 points for current progress		
Type of final control	Methods of conducting final control	Enrollment criteria	
examination	All topics submitted for current control must be credited. Grades from the 4-point scale are converted into scores on a multi-point (200- point) scale in accordance with the Regulation "Criteria, rules and procedures for evaluating the results of students' learning activities"	The maximum number of points is 200. The minimum number of points is 120	
The calculation of the number of points is based on the student's score on a 4-point (national) scale during the study of the discipline, by calculating the arithmetic mean (CA), rounded to two decimal places. The resulting value is converted into points on a multi-point scale as follows:			

9. Course policy

Indicates the policies of academic integrity, the specific policies of the program that are relevant to the course

10. Literature

Mandatory

1. FAMILY MEDICINE: in 3 books / Edited by O.M. Hyrina, L.M. Pasiyeshvili. - Kyiv: AUS Medicine Publishing, 2016.
2. TEXTBOOK OF GENERAL PRACTICE: Third edition / Edited by Anne Stephenson. - London: CRC press, 2013.
3. TEXTBOOK OF FAMILY MEDICINE: Third edition / Edited by I.R. McWhinney, T. Freeman. - New York, USA: Oxford University Press, 2013.
4. THE MERCK MANUAL of DIAGNOSIS and THERAPY: Nineteenth edition / Edited by K.A.G. Lane. - West Point, NJ, USA: Merck, Sharpe and Dohme, 2011.
1. Паліативна медицина : підручник / В. Й. Шатило, П. В. Яворський. - К. : Медицина, 2010. - 198 с.
2. Білінський Б. Т. Медичні помилки в онкології. Львів: Афіша, 2013. - 324 с.
3. Савран В.Р. Рак молочної залози.- Львів. -2019. - 219 с.
4. Медичні помилки в онкології: монографія / Б. Т. Білінський; відп. ред. Я. В. Шпарик. - Львів: Афіша, 2013. - 324 с.
5. Якщо пам'ять мені не зраджує... / Б. Т. Білінський; Упорядник Я. Шпарик. - Львів: ТзОВ "Афіша", 2015. - 248 с.

Additionally

Oxford Textbook of Palliative Medicine / D. Doyle, Geoffrey W. C., Hanks, Neil MacDonald - Oxford University Press, 2015.

11. Equipment, material and technical support and software of the discipline / course
Tables, diagrams, models, slide projector, multimedia projector, distance learning platform Misa

12. Additional Information

Drawer of the syllabys

Candidate of Medical Sciences, Associate Professor Paraschuk B.M.

(Signature)

Head of Department

Doctor of Medicine, Professor Nadashkevich O.N.

(Signature)