

**Ministry of health of Ukraine
Poltava State Medical University**

Department of oncology and radiology with radiation medicine

SYLLABUS
Palliative and Hospice Care
Elective course

level of higher education	the second (master's) level of higher education
branch of knowledge	22 "Health"
specialty	222 "Medicine"
educational qualification	master of medicine
professional qualification	doctor "Medicine"
educational and professional program	daily
form of education	VI course XI,XII semester

Poltava – 2024

INFORMATION ABOUT TEACHERS WHO TEACH AN ACADEMIC DISCIPLINE

Surname, name, patronymic of the lecturer (lecturers), scientific degree, academic title	1. Voronova Liliia Dmitrievna, assistant. 2. Mukovoz Oksana, associate professor
Profile of the lecturer (lecturers)	https://oncology.pdmu.edu.ua/team
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MAIN CHARACTERISTICS OF THE COURSE

The scope of the discipline

Number of credits / hours - 3/90, of which:

Lectures (hours) - unforeseen

Practical (hours) - 30

Independent work (hours) - 60

Type of control: credit

Course policy

Teaching at the Department of Oncology and Radiology with Radiation Medicine is determined by a system of requirements that the teacher imposes on the student in the study of the discipline and is based on the principles of academic integrity.

Policy on adherence to the principles of academic integrity of higher education students:

- independent performance of educational tasks of current control without the use of external sources of information (for example, except as permitted by the teacher, preparation of practical tasks during the lesson);

- write-offs during knowledge control are prohibited (including with the use of mobile devices);

- independent performance of individual tasks and correct registration of references to sources of information in case of borrowing of ideas, statements, information.

Policy on adherence to the principles and norms of ethics and deontology by higher education students:

- actions in professional and educational situations from the standpoint of academic integrity and professional ethics and deontology;

- compliance with the rules of the internal regulations of the department, to be tolerant, friendly and balanced in communication with graduate students and teachers, medical staff of health care institutions;

- awareness of the importance of examples of human behavior in accordance with the norms of academic integrity and medical ethics.

Attendance policy for higher education students:

- Attendance at all classes: lectures, practical. Also, late classes are not allowed.

Deadline policy and completion by higher education students:

- working off of missed classes takes place in accordance with the Regulations of electronic working off by students of missed classes and unsatisfactory grades approved by the educational institution;

- works submitted by the applicant of higher education with violation of the term without valid reasons are evaluated at a lower grade (75% of the maximum, for example, thematic individual work).

Teaching at the department is in accordance with current legislation of Ukraine and regulations.

When organizing the educational process in PSMU teachers and students act in accordance with:

Regulations on the organization of the educational process in the Poltava State Medical University

Regulations on the academic integrity of applicants for higher education and employees of the Poltava State Medical University

Rules of procedure for students of the Poltava State Medical University

Regulations on the organization and methods of assessment of educational activities of higher education in the Poltava State Medical University

Regulations on the organization of independent work of students at the Poltava State Medical University

You can get acquainted with the above documents in the section of the department of scientific and pedagogical work and organization of the educational and scientific process **Normative documents** <https://www.pdmu.edu.ua/n-process/department-npr/two-level/opp/med/osvitno-profesiyna-programa-medicina>

Course description (abstract) Palliative and hospice medicine.

The program "Palliative and Hospice Medicine" is designed to train specialists of the second (master's) level of higher education in the field of knowledge 22 "Health", specialty 222 "Medicine". The program offers a review 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. The issues of oncological pathology and drug therapy of oncological patients are covered. Information on HIV infection is presented separately.

Prerequisites and postrequisites for studying the discipline

Palliative and hospice medicine (interdisciplinary links)

Determined by information on disciplines, basic knowledge and learning outcomes required by the applicant for higher education (enrolled) for successful study and acquisition of competencies in this discipline:

1. otorhinolaryngology,
2. basics of dentistry,
3. surgery,
4. dermatology, venereology
5. internal medicine,
6. oncology and radiation medicine,
7. obstetrics and gynecology,
8. urology.

After graduating from the discipline "Palliative and Hospice Medicine", the acquired knowledge, skills and abilities acquired will be required in the study of pediatrics, internal medicine.

The purpose and objectives of the discipline:

The purpose of studying the discipline "Palliative and Hospice Medicine" is to prepare a master's degree in the specialty. Applicants for higher education must acquire appropriate practical skills, have methods of diagnosis and treatment of patients in neglected and terminal forms of cancer.

Tasks of the discipline:

- Determine the tactics of palliative care;
- interpret the results of the study;
- demonstrate the ability to keep medical records;
- demonstrate mastery of the principles of oncological deontology.

Competences, the formation of which is facilitated by the discipline (integral, general, special) according to OPP

☐ **integrated:** Ability to solve complex problems and problems in the field of health care in the specialty "Medicine" in professional activities or in the learning process, which involves research and / or innovation and is characterized by uncertainty of conditions and requirements.

☐ **general:**

1. Ability to abstract thinking, analysis and synthesis; ability to learn and be modernly trained.

2. Ability to apply knowledge in practical situations.

3. Ability to communicate in the state language both orally and in writing. Ability to communicate in another language.

4. Ability to search, process and analyze information from various sources.

5. Ability to identify, pose and solve problems.

6. Interpersonal skills.

7. Ability to act on the basis of ethical considerations (motives).

8. The desire to preserve the environment.

9. Ability to act socially responsible and civic conscious.

☐ **special:**

1. Collection of medical information about the patient's condition.

2. Diagnosis of emergencies.

3. Determining the tactics of the dental patient with somatic pathology.

4. Maintaining medical records.

Learning outcomes for the discipline "Palliative and Hospice Medicine" upon completion of the study, students must

know:

- formation and development of the idea of hospice movement and palliative care;
- essence, principles, components of PCM;
- the concept of the process of dying (phase) and death;
- characteristics of the incurable patient;
- forms of PHM organization;
- psychological and spiritual aspects of PCM;
- the concept of emotional burnout, prevention methods.

be able:

- diagnose incurable disease, terminal condition and its phases;
- diagnose, treat pain, having a wide range of modern analgesia technologies;
- to carry out resuscitation measures for terminally ill patients;
- provide psychological support to terminally ill patients and their relatives during illness and grief;
- apply the rules of conduct with the deceased in accordance with applicable law;
- adhere to biotic and legal norms when providing PCM.

Thematic plan of lectures (by modules) with the indication of the basic questions considered at lectures

Not provided.

Thematic plan of seminars by modules and content modules with indication of the main issues considered at the seminar

Not provided.

Thematic plan of practical classes by modules and content modules with the indication of the basic questions considered at practical lesson

№ p/p	Name topics	Number hours
Palliative and hospice medicine		
1	History of the hospice movement in the world, Ukraine Counseling in the context of incurable disease and imminent death. The concept of counseling and its ethical aspects.	4
2	Legal aspects of palliative and hospice care. Regulatory framework for palliative and hospice care.	2
3	Diseases, counseling, care, methods of palliative treatment. Features of management of patients in a terminal stages.	4

4	Organization of palliative and hospice care for urban and rural populations. The place and role of the family doctor.	4
5	Organization of medical care for incurable patients. Care. Methods of palliative treatment of the main symptoms and syndromes.	4
6	Palliative care for cancer patients. Palliative and symptomatic treatment of cancer patients, conservative and surgical methods.	6
7	Treatment of pain in cancer patients.	4
8	The specifics of providing emergency care to incurables patients with oncopathology.	2
Together		30

Individual work

№	Topic	Number hours
1	Preparation for practical classes - theoretical training and development of methods of physical and instrumental examination of the patient.	60

Individual tasks

1. Prepare a review of the scientific literature on the topics being studied.
2. Prepare a presentation on the topic of practical training.
3. Individual independent work of students on one of the topics of choice for the module.
4. Choose illustrative material for the topic of the lesson (video, image).
5. Prepare a review of the scientific literature on the topics being studied.
6. Carrying out scientific research.
7. Writing abstracts on topics according to the following requirements: handwritten, 4-5 pages, list of references.
 - Palliative surgery, goals and objectives, psychological and ethical aspects of palliative care. Pain syndrome, classification, diagnosis. Methods of treatment of pain syndrome.
 - Methods of palliative treatment of diseases, tumors and disorders of the digestive system
 - Methods of palliative treatment of diseases, tumors and disorders of the respiratory and mediastinum. "
 - Methods of palliative treatment of diseases, tumors and disorders of the genitourinary system.

List of questions for the discipline Palliative and hospice medicine

- 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.
- Specifics of providing emergency care to incurable patients with oncopathology.

The form of final control of academic success is a test.

Current and final control system.

Semester test - a form of final control, which consists in assessing the student's mastery of educational material solely on the basis of the results of his performance of certain types of work in practical, seminar or laboratory classes. Semester credit in a particular discipline is conducted after the end of its study, before the examination session. The test is taken by scientific and pedagogical workers (pedagogical) who conducted practical, seminar and other classes in this discipline, or gave lectures in this discipline.

Regulations for the semester test in the discipline.

The applicant of higher education receives a test in the last lesson of the discipline based on the results of the current assessment. This type of final control does not involve any additional written work, surveys, or testing in the last lesson.

Applicants receive higher education, who scored the required minimum number of points during the current control (average grade point average of 3.0 and above), do not have missed passes of lectures, seminars and practical classes, and meet all the requirements of each discipline, which are provided by the working academic program in the discipline (protection of medical history, etc.).

Learning outcomes are assessed on a two-point scale (credited / not credited) and a multi-point scale. The average score for current activities is converted into points on a 200-point scale, according to the table. The maximum number of points that can be obtained by the applicant in the discipline - 200. The minimum number of points that must be obtained by the applicant of higher education - 122.

If the student fulfills the conditions for obtaining credit, the research and teaching staff puts in the statement of the final semester control and individual curriculum of the student. "Credited" and the number of points scored by the applicant for higher education for the discipline. Information about students who did not receive credit, with the exact reason, is also entered in the "Statement of final semester control" and in the individual curriculum. The reasons for not receiving credit may be as follows:

a) the applicant for higher education has unfulfilled absences from classes and (or) lectures, industrial practice. The mark "n / v" (failed) in the column "points for the final control";

b) the applicant of higher education attended all classes (practical, seminar, lecture), but did not score the minimum number of points for the current educational activity and

is not allowed to take part. Marked "n / d" (not allowed) in the column "points for final control";

After the test, the first copy of the "Information of the final semester control" is transferred to the responsible employee of the dean's office, within one day after the test, the second copy is stored at the department. In case of failure to take the test, the latter is transferred according to the schedule of the department, which is agreed with the dean's office (institute), but not more often than once a day, until the beginning of the next semester.

Standardized generalized criteria for assessing the knowledge of higher education students in PSMU

On a 4-point scale	Assessment in ECTS	Evaluation criteria
5 (perfectly)	A	The student shows special creative abilities, is able to acquire knowledge independently, without the help of the teacher finds and processes the necessary information, is able to use the acquired knowledge and skills for decision-making in unusual situations, convincingly argues answers, independently reveals own talents and inclinations, possesses not less than 90 % of knowledge on the topic both during the survey and all types of control.
4 (good)	B	The student is fluent in the studied amount of material, applies it in practice, freely solves exercises and problems in standardized situations, independently corrects errors, the number of which is insignificant, has at least 85% knowledge of the topic as during the survey, and all types of control
	C	The student is able to compare, summarize, systematize information under the guidance of a research and teaching staff, in general, independently apply it in practice, control their own activities; to correct mistakes, among which there are significant ones, to choose arguments to confirm opinions, has at least 75% of knowledge on the topic both during the survey and all types of control.
3 (satisfactorily)	D	The student reproduces a significant part of theoretical material, shows knowledge and understanding of the basic provisions with the help of a researcher can analyze educational material, correct errors, among which there are a significant number of significant, has at least 65% knowledge of the topic, and during the survey, and all types of control.
	E	The student has the educational material at a level higher than the initial, a significant part of it reproduces at the reproductive level. has at least 60% knowledge of the topic both during the survey and all types of control.

2 (unsatisfactorily)	RH	The student has the material at the level of individual fragments that make up a small part of the material, has less than 60% knowledge of the topic both during the survey and all types of control.
	R	The student has the material at the level of elementary recognition and reproduction of individual facts, elements, has less than 60% knowledge of the topic as during the survey, and all types of control.

Teaching methods.

In the study of the discipline Palliative and hospice medicine use adequate teaching methods. According to the sources of knowledge, teaching methods are used: verbal - story, explanation, lecture, instruction; visual - demonstration, illustration; practical - practical work, problem solving. By the nature of the logic of cognition, the following methods are used: analytical, synthetic, analytical-synthetic, inductive, deductive. According to the level of independent mental activity, the following methods are used: problem-based, partial-search, research.

Active teaching methods:

- thematic discussions;
- brain storm;
- Round Table;
- analysis of specific situations (case method);
- simulation tasks;
- problem statement;
- partial search, research, heuristic methods;
- presentations.

Control methods.

- ☐ oral control;
- ☐ written control;
- ☐ test control;
- ☐ programmable control;
- ☐ practical inspection;
- ☐ self-control and self-assessment.

Methodical support:

1. Methodical instructions for independent work of students during preparation for a practical lesson and in class
2. List of recommended reading
3. Materials for control of knowledge, skills and abilities of students:
 - tests of different levels of difficulty
 - situational tasks
4. Videos

Recommended Books

1. Palliative care for oncological diseases in Ukraine/Oksana Spivakova - 2019.- [Internet resource] - access mode: <https://chemoteka.com.ua/blog/article/palliativnaya-pomosch-pri-onkologicheskikh-zabolevaniyah-77>
2. UNIFIED CLINICAL PROTOCOL PALLIATIVE MEDICAL AID WITH CHRONIC PAIN SYNDROME/https://www.dec.gov.ua/wp-content/uploads/2019/11/dod_311_2ykpm.pdf
3. ESSENTIAL CHARACTERISTICS OF PALLIATIVE AND HOSPITAL AID AND PRINCIPLES OF ITS PROVISION IN UKRAINE/K. V. Danylyuk, -2018-http://www.dy.nayka.com.ua/pdf/2_2018/102.pdf
4. Palliative and hospice care: study guide / V.S. Tarasyuk, G.B. Kuchanska — 2nd edition-2021.

Additional literature:

1. Oncology: a textbook / AI Shevchenko, OP Levik, EI Savchenko, A.Yu. Colonels; for order. AI Shevchenko. - Vinnytsia: Nova Kniga, 2019. - 512 p.

Information resources

<http://unci.org.ua/>
<http://www.esmo.org>
<https://www.nccn.org/>
<https://www.ncbi.nlm.nih.gov/pubmed/>
<https://www.thelancet.com/journals/lanonc/issue/current>
<http://medserver.tripod.com>
<http://pain.com/>
<http://www.esmo.org>
www.nccn.org
unci.org.ua/spetsialistam/zhurnal-klinichna-onkologiya/
<https://nebolet.com.ua/medarea/oncology.html>

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