

SYLLABUS
concerning the cycle of education 2019-2025

(date range)

1.1. BASIC INFORMATION CONCERNING THIS SUBJECT / MODULE

Subject / Module	Propedeutics of oncology
Course code / module *	PO/E
Faculty of (name of the leading direction)	Medical College of Rzeszów University
Department Name	Medical College of Rzeszów University
Field of study	medical direction
Level of education	uniform master's studies
Profile	practical
Form of study	stationary / extramural
Year and semester	year IV, semester VII
Type of course	obligatory
Coordinator	Prof. Bożenna Karczmarek-Borowska
First and Last Name of the Teacher	

* - According to the resolutions of the Faculty of Medicine

1.2. Forms of classes, number of hours and ECTS

Lecture	Exercise	Conversation	Laboratory	Seminar	ZP	Practical	Self-learning	Number of points ECTS
15	-	-	-	15	-	-	-	2

1.3. The form of class activities

☒ classes are in the traditional form

☐ classes are implemented using methods and techniques of distance learning

1.4. Examination Forms / module (exam, **credit with grade** or credit without grade)

2. REQUIREMENTS

Knowledge of topographic and functional human anatomy, knowledge of neuroanatomy, physiology. News in the field of propaedeutics of internal diseases.

3. OBJECTIVES, OUTCOMES, AND PROGRAM CONTENT USED IN TEACHING METHODS

3.1. Objectives of this course/module

C1	Mastering theoretical foundations and practical skills in the diagnosis of oncological diseases and secondary symptoms. To familiarize students with the specificity of work with oncological patients. Acquainting with the theoretical foundations of prophylaxis, diagnosis and treatment of neoplastic diseases.
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3.2 OUTCOMES FOR THE COURSE / MODULE (TO BE COMPLETED BY THE COORDINATOR)

EK (the effect of education)	The content of the learning effect defined for the subject (module)	Reference to directional effects (KEK)
EK_01	He knows the environmental and epidemiological conditions of the most common human cancers	E.W23.
EK_02	He knows the basics of early detection of tumors and the principles of screening in oncology	E.W24.
EK_03	He knows the possibilities of contemporary cancer therapy (including multimodal therapy), the perspectives of cell and gene therapies and their undesirable effects	E.W25.
EK_04	He knows the rules of palliative treatment with the patient in the terminal state	E.W28.
EK_05	Plans diagnostic, therapeutic and prophylactic procedures	E.U16.
EK_06	Defines the states in which the duration of life, functional status or preferences of the patient limit the treatment in accordance with the guidelines laid down for a given disease	E.U21.
EK_07	He is aware of his own limitations and the ability to constantly improve his skills	K.04.

3.3 CONTENT CURRICULUM (filled by the coordinator)

A. Lectures

Course contents
Cancer as a medical and social problem. Outline of epidemiology of malignant tumors. Results of the treatment of malignant tumors.
European Code of Fighting Cancer. Primary and secondary prevention of cancer.
Screening tests.
Basics of cancer biology. Early symptoms of cancer.
Basics of oncological diagnostics.

B. Seminars

Course contents
The strategy of combined cancer treatment. Basics of oncological surgery, radiotherapy and chemotherapy. Assumptions of radical and palliative treatment.
Supportive treatment in oncology and the problem of quality of life.
Symptomatic and analgesic treatment in oncology.
Psychological aspects of cancer.
Basics of palliative care.

3.4 TEACHING METHODS

Lecture: multimedia presentation.

Exercises: practical exercises, demonstration, lecture form.

Seminars: group work, case study, problem solving, discussion.

Student's own work: working with a book, preparing for classes and preparing for the test and exam

4 METHODS AND EVALUATION CRITERIA

4.1 Methods of verification of learning outcomes

Symbol of effect	Methods of assessment of learning outcomes (Eg.: tests, oral exams, written exams, project reports, observations during classes)	Form of classes
EK_01, EK_02, EK_03, EK_04,	Written test	Lecture
EK_05, EK_06, EK_07	Written test	Seminars

4.2 Conditions for completing the course (evaluation criteria)

<p>Lectures (EK_01, EK_02, EK_03, EK_04,):</p> <p>1. test pass and open questions:</p> <p>A: Questions in the field of messages to remember;</p> <p>B: Questions in the field of speech to understand;</p> <p>C: Solving a typical written task;</p> <p>D: Solving an atypical writing task;</p> <p>- for insufficient solution of tasks only from areas A and B = grade 2.0</p> <p>- for solving tasks only from areas A and B, the possibility of obtaining max. rating 3.0</p> <p>- for solving tasks from the area A + B + C, the possibility of obtaining max. evaluation 4.0</p> <p>- for the solution of tasks in the area A + B + C + D, the possibility of obtaining a rating of 5.0</p> <p>Knowledge assessment:</p> <p>Written test</p>
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5.0 - has knowledge of each of the contents of education at the level of 90% -100%
 4.5 - has knowledge of each of the content of education at the level of 84% -89%
 4.0 - has knowledge of each of the content of education at the level of 77% -83%
 3.5 - has knowledge of each of the content of education at the level of 70% -76%
 3.0 - has knowledge of each of the content of education at the level of 60% -69%
 2.0 - has knowledge of each of the contents of education below 60%

Seminars (EK_05, EK_06, EK_07):

1. full participation and activity in the exercises
2. written partial credits

Range of ratings: 2.0 - 5.0

Skill assessment

5.0 - the student actively participates in classes, is well prepared, has acquired theoretical and practical knowledge in the field of oncology. He mastered very well the skills of collecting medical history, physical examination

4.5 - the student actively participates in classes, has acquired theoretical and practical knowledge in the field of oncology on a very good level. He mastered the skill of collecting medical history and physical examination.

4.0 - the student actively participates in classes, is improved, has acquired theoretical and practical knowledge in the field of oncology to a good degree. He mastered the skill of collecting medical history and physical examination

3.5 - the student participates in classes, his scope of preparation does not allow for a comprehensive presentation of the discussed problem in the field of oncology. He sufficiently mastered the skills of collecting medical history, physical examination

3.0 - the student participates in classes, has sufficiently acquired theoretical and practical knowledge in the field of oncology. He mastered the skills of collecting medical history, physical examination, however, it is often corrected.

2.0 - the student passively participates in classes, the statements are incorrectly substantive, theoretical and practical knowledge in the field of oncology is not sufficient. He has not mastered the skills of collecting medical history, physical examination, often made mistakes.

5. Total student workload required to achieve the desired result in hours and ECTS credits

Activity	Hours / student work
Hours of classes according to plan with the teacher	30
Preparation for classes	15
Participation in the consultations	2
The time to write a paper / essay	
Preparation for tests	15
Participation in colloquia	1
Other (e-learning)	-
SUM OF HOURS	63
TOTAL NUMBER OF ECTS	2

6. TRAINING PRACTICES IN THE SUBJECT / MODUL

Number of hours	-
Rules and forms of apprenticeship	-

1. LITERATURE**READING:**

1. Kordek Radziław „Onkologia – podręcznik dla studentów i lekarzy”, Via Medica 2006.
2. 2. Krzakowski Maciej „Onkologia Kliniczna”, Tom I i II, Borgis 2006.

Additional literature:

1. Krystyna de Walden Gałuszko - „Podstawy opieki paliatywnej” PZWL 2007
2. Pazdur Richard „Cancer Management: A multidisciplinary approach” CMP Medica 10th edition

Acceptance Unit Manager or authorized person