

SYLLABUS  
concerning the cycle of education 2023-2029  
(date range)

**1.1. BASIC INFORMATION CONCERNING THIS SUBJECT / MODULE**

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

### 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,<br>EK_02,<br>EK_03,<br>EK_04, | Written test                                                                                                                     | Lecture         |
| EK_05,<br>EK_06,<br>EK_07            | Written test                                                                                                                     | Seminars        |

### 4.2 Conditions for completing the course (evaluation criteria)

#### **Lectures (EK\_01, EK\_02, EK\_03, EK\_04,):**

1. test pass and open questions:

A: Questions in the field of messages to remember;

B: Questions in the field of speech to understand;

C: Solving a typical written task;

D: Solving an atypical writing task;

- for insufficient solution of tasks only from areas A and B = grade 2.0

- for solving tasks only from areas A and B, the possibility of obtaining max. rating 3.0

- for solving tasks from the area A + B + C, the possibility of obtaining max. evaluation 4.0

- for the solution of tasks in the area A + B + C + D, the possibility of obtaining a rating of 5.0

#### **Knowledge assessment:**

Written test

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 Radziszlaw „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 10<sup>th</sup> edition

Acceptance Unit Manager or authorized person