Appendix number 1.5 to The Rector UR Resolution No. 12/2019

SYLLABUS

**concerning the cycle of education 2024-2030**

(date range)

* 1. BASIC INFORMATION CONCERNING THIS SUBJECT / MODULE

|  |  |
| --- | --- |
| Subject / Module | Geriatrics |
| Course code / module \* | Ge/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 V, semester X |
| Type of course | obligatory |
| Coordinator | prof.dr hab. n.med Krzysztof Marczewski |
| 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

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| Knowledge in the field of modules: morphological sciences, pre-clinical sciences and propaedeutics of internal diseases. |

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

* 1. Objectives of this course/module

|  |  |
| --- | --- |
| C1 | Awareness of problems related to skin aging, occurrence of lipid disorders and prophylaxis and treatment of dyslipidemia. |
| C2 | Acquainting with the latest trends regarding the practical application of nonliplipic cardiovascular risk factors. |
| C3 | Familiarization with diagnostic differences in geriatric cardiology, especially with the modern approach to qualification for invasive treatment and conductive disorders. |
| C4 | Acquiring the ability to qualify elderly patients for invasive procedures based on ailments and results of additional tests. |

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 | knows and understands the course and symptoms of the aging process as well as the principles of the overall geriatric assessment and interdisciplinary care in relation to the elderly patient | E.W8. |
| EK\_02 | understands the causes and knows the basic separateness in the most common diseases occurring in the elderly and the rules of conduct in the basic geriatric teams | E.W9. |
| EK\_03 | knows and understands the basic principles of pharmacotherapy of diseases in the elderly | E.W10. |
| EK\_04 | knows and understands the risks associated with hospitalization of elderly people | E.W11. |
| EK\_05 | knows and understands the basic principles of the organization of care for an elderly person and the burden of the carer of an elderly person | E.W12. |
| EK\_06 | performs a medical interview with an adult patient | E.U1. |
| EK\_07 | performs a full and targeted physical examination of an adult patient | E.U3. |
| EK\_08 | evaluates pressure ulcers and applies appropriate dressings | E.U35. |
| EK\_09 | recognizes the agony of the patient and determines the patient's death | E.U37. |
| EK\_10 | can establish and maintain a deep and respectful contact with the patient | K.01. |

**3.3 CONTENT CURRICULUM (filled by the coordinator)**

1. **Lectures**

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| **Course contents** |
| Molecular and biochemical basis of the aging process of the human body |
| Multi-organism in geriatric patients. |
| Comprehensive pharmacological treatment of elderly patients |
| Organization of care for an elderly patient in a hospital ward and outside the hospital. |
| Big geriatric teams, or diseases of old age. |

**B**. **Exercises**

|  |
| --- |
| Course contents |
| Organizational and introductory classes. Familiarizing students with problems, pass criteria. |
| Carrying out an overall assessment of a geriatric patient |
| Differences in physical examination and medical interview in relation to elderly patients |
| Diagnosis and therapy of diseases characteristic for an elderly patient. |
| Differences in the course and therapy of selected diseases in elderly patients. |

**3.4 TEACHING METHODS**

Lecture: multimedia presentation, seminar

Exercises: multimedia presentation, practical exercises

Student's own work: work with a book

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\_05 | Written test in the form of a test and open questions | Lecture |
| EK\_06 – EK\_10 | Written test and assessment of acquired practical skills while working with the patient. | Exercises |

4.2 Conditions for completing the course (evaluation criteria)

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| **Exercises, seminars:**  1. full participation and activity in the exercises  2. written partial credits  Range of ratings: 2.0 - 5.0  **Lectures:**  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 the education content at the level of 93% -100%  4.5 - has knowledge of the content of education at the level of 85% -92%  4.0 - has knowledge of the content of education at the level of 77% -84%  3.5 - has knowledge of the content of education at the level of 69% -76%  3.0 - has knowledge of the content of education at the level of 60% -68%  2.0 - has knowledge of the educational content below 60%  **Skill assessment**  5.0 - the student actively participates in classes, is very well prepared, knows and understands well the course and symptoms of the aging process, as well as the principles of the overall geriatric assessment and interdisciplinary care over the elderly  4.5 - the student actively participates in the classes, knows and understands the course and symptoms of the aging process, as well as the principles of the overall geriatric assessment and interdisciplinary care over the elderly, rarely makes mistakes  4.0 - the student actively participates in the classes, sometimes it is improved, knows and understands the course and symptoms of the aging process, as well as the principles of the overall geriatric assessment and interdisciplinary care over the elderly  3.5 - the student participates in the classes, his scope of preparation does not allow for a comprehensive presentation of the discussed problem, knows well and understands the course and symptoms of the aging process, as well as the principles of overall geriatric assessment and interdisciplinary care for the elderly  3.0 - the student participates in the classes, knows and understands the course and symptoms of the aging process, as well as knows the principles of the overall geriatric assessment and interdisciplinary care over the elderly, often makes mistakes and is corrected  2.0 - the student passively participates in the classes, the statements are incorrectly substantive, do not know enough and do not understand the course and symptoms of the aging process, and also do not know the principles of the overall geriatric assessment and interdisciplinary care over the elderly |

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

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| --- | --- |
| Activity | Hours / student work |
| Hours of classes according to plan with the teacher | 30 |
| Preparation for classes | 20 |
| Participation in the consultations | 2 |
| The time to write a paper / essay | - |
| Preparation for tests | - |
| Participation in colloquia | **-** |
| Other (e-learning) | **-** |
| SUM OF HOURS | **52** |
| TOTAL NUMBER OF ECTS | **2** |

6. TRAINING PRACTICES IN THE SUBJECT / MODUL

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| --- | --- |
| Number of hours | - |
| Rules and forms of apprenticeship | - |

1. LITERATURE

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| **READING:** Geriatria, Thomas Rosenthal, Bruce Naughton, Mark Williams, red. wyd. pol. Leszek Pączek, Mariusz Niemczyk  Czelej, 2009[Geriatria - główne problemy kliniczne](http://www.medbook.com.pl/ksiazka/pokaz/id/8579/tytul/geriatria-glowne-problemy-kliniczne-chodorowski-) Zygmunt Chodorowski , 2006Geriatria - postępy w diagnostyce i terapii, Zygmunt Chodorowski, 2007 |
| Additional literature: [Geriatria](http://www.medbook.com.pl/ksiazka/pokaz/id/6641/tytul/geriatria-galus-elsevier-urban-&-partner) , Wybrane zagadnienia, Krzysztof Galus, Elsevier Urban & Partner, 2007  1. M.C. Martini: Kosmetologia i farmakologia skóry. PZWL, 2008 2. W.H.C. Burgdorf, G. Plewig, H.H. Wolf, M. Landthaler: Dermatologia Brau-Falco. Wydawnictwo Czelej, 2010 3. Kardiologia u osób w wieku podeszłym – wybrane zagadnienia Tomasz Grodzicki i wsp., Via Medica, Gdańsk; 2010 |

Acceptance Unit Manager or authorized person