

SYLLABUS
concerning the cycle of education 2021-2027
(date range)

1.1. 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

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

3.1. 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 nonlipidic 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)

A. Lectures

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)

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

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

Number of hours	-
Rules and forms of apprenticeship	-

6. LITERATURE

READING: 1. Geriatria, Thomas Rosenthal, Bruce Naughton, Mark Williams, red. wyd. pol. Leszek Pączek, Mariusz Niemczyk Czelej, 2009 2. Geriatria - główne problemy kliniczne Zygmunt Chodorowski, 2006 3. Geriatria - postępy w diagnostyce i terapii, Zygmunt Chodorowski, 2007
1. Additional literature: Geriatria, Wybrane zagadnienia, Krzysztof Galus, Elsevier Urban & Partner, 2007 2. M.C. Martini: Kosmetologia i farmakologia skóry. PZWL, 2008 3. W.H.C. Burgdorf, G. Plewig, H.H. Wolf, M. Landthaler: Dermatologia Brau-Falco. Wydawnictwo Czelej, 2010 4. Kardiologia u osób w wieku podeszłym – wybrane zagadnienia Tomasz Grodzicki i wsp., Via Medica, Gdańsk; 2010