

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

1.1. BASIC INFORMATION CONCERNING THIS SUBJECT / MODULE

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| Subject / Module | Family medicine |
| Course code / module * | MRdz/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 | dr hab. n.med. Danuta Celińska -Cedro |
| 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 | 30 | - | - | - | - | - | - | 3 |

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

Assessment of the level of basic knowledge in the field of family medicine (testing at the beginning and after the end of classes in PLR), Assessment of practical skills using the OSEK exam

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

3.1. Objectives of this course/module

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| C1 | Familiarization with the principles of family medicine, the role of the family doctor in the health care system |
| C2 | Extension of theoretical foundations and practical skills in family medicine and familiarization with the scope of family physician competence / role in the health care system. |
| C3 | Integration of existing theoretical and clinical knowledge and its use in the conditions of outpatient advice. |

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 diseases; | E.W1. |
| EK_02 | Knows and understands the causes, symptoms, principles of diagnosis and therapeutic treatment in the most common diseases and specific problems in the practice of the family doctor | E.W.36 |
| EK_03 | He conducts a medical interview with an adult patient | E.U1. |
| EK_04 | Conducts a medical interview with the child and his family; | E.U2. |
| EK_05 | Performs a full and targeted physical examination of an adult patient; | E.U3. |
| EK_06 | Conducts a physical examination of a child of all ages; | E.U4. |
| EK_07 | Carries out an indicative examination of hearing and visual field as well as an otoscopic examination; | E.U6. |
| EK_08 | Carries out balance tests; | E.U11. |
| EK_09 | He is able to 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 |
|---|
| Family doctor in the health care system. The quality of care in the practice of a family doctor. Characteristics of family doctor practice. |
| Management in emergency cardiac and respiratory conditions. Basic problems of the circulatory system in the practice of the family doctor. |

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|---|
| Selected respiratory diseases. Outline of gastrointestinal diseases and the basis of clinical pharmacology. |
| Problems of endocrinology and metabolic diseases in the practice of a family doctor. |
| Selected pediatric problems in family practice. |

B. Seminars

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| Course contents |
| Improvement of subjective and objective examination skills |
| Principles of managing and using specialist consultations and referring to hospital treatment |
| Observation of work in individual positions in PLR. |
| Discussing the most frequently reported basic medical problems by patients in PLR |
| Discussion of the charter of patient rights. Discussing ethical problems. |
| Special groups of patients. |
| Participation in a home and environmental visit. |
| Improving the ability to communicate with the patient |
| Case study |
| Ischemic heart disease - principles of diagnosis, division, principles of antiplatelet therapy after coronary stent implantation and after coronary artery bypass grafting. Indications for the treatment of invasive coronary heart disease. Recommendations regarding dietary treatment of hyperlipidemia and lifestyle changes after coronary events. |
| Heart failure - assessment of the severity of CHF, principles of guiding a patient with CHF, including self-control of the patient in the area of exacerbations disease (weight control). |
| Recommendations for a patient with implanted valvular prostheses, including the need for anticoagulant therapy, influenza vaccination, avoidance of inflammatory foci and principles of their sanitation. Principles of changes in anticoagulant therapy prior to surgical interventions. |
| Principles of anticoagulant therapy in patients with atrial fibrillation, including drug interactions. INR self-control possibilities. |
| Types of implantable devices, basic knowledge of their dysfunctions and principles of systematic control of devices. |
| Ambulatory control of implantable devices using telemonitoring. |

3.4 TEACHING METHODS

Lecture: multimedia presentation.

Exercises: practical exercises, demonstration, lecture form.

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 | Written test | Lecture |
| EK_03, EK_04, EK_05, EK_06, EK_07, EK_08, EK_09 | Practical pass | Exercises |

4.2 Conditions for completing the course (evaluation criteria)

Lectures (EK_01, EK_02):

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%

Classes (EK_03, EK_04, EK_05, EK_06, EK_07, EK_08):

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 the classes, is well prepared, knows and understands the causes, symptoms, principles of diagnosis and therapeutic treatment in the most common diseases in the practice of a family doctor, plans specialist consultations and keeps medical records

4.5 - the student actively participates in the classes, knows and understands the causes, symptoms, principles of diagnosis and therapeutic treatment in the most common diseases in the practice of the family doctor, plans the specialist consultations correctly and carries out medical documentation

4.0 - the student actively participates in classes, is improved, knows very well and understands the reasons, symptoms, principles of diagnosis and therapeutic treatment in the most common diseases in the practice of a family doctor, correctly plans specialist consultations and keeps medical records

3.5 - the student participates in classes, his scope of preparation does not allow for a comprehensive presentation of the discussed problem, sufficiently knows and understands the causes, symptoms, principles of diagnosis and therapeutic treatment in the most common diseases in the practice of a family doctor, plans for specialist consultations, sometimes making mistakes and keeps medical records

3.0 - the student participates in the classes, sufficiently knows and understands the reasons, symptoms, principles of diagnosis and therapeutic treatment in the most common diseases in the practice of the family doctor, plans specialist consultations often making mistakes and keeps medical records

2.0 - the student passively participates in the classes, the statements are incorrectly substantive, do not know and do not understand the causes, symptoms, principles of diagnosis and therapeutic treatment in the most common diseases in the practice of a family doctor, improperly plans specialist consultations and poorly conducts medical records, is often corrected

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 | 45 |
| 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 | 78 |
| TOTAL NUMBER OF ECTS | 3 |

6. TRAINING PRACTICES IN THE SUBJECT / MODUL

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

6. LITERATURE

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| <p>READING:</p> <ol style="list-style-type: none"> 1. Medycyna rodzinna pod red. J.B. Latkowskiego, W. Lukasa. PZWL Warszawa 2004, 2009 (TOM I i II) 2. Medycyna rodzinna - repetytorium Bożydar Latkowski, Witold Lukas Wydawnictwo Lekarskie PZWL, 2008 3. Medycyna rodzinna - co nowego? TOM I-II Andrzej Steciwko Cornetis, 2010 |
| <p>Additional literature:</p> <ol style="list-style-type: none"> 1. Antybiotyki w medycynie rodzinnej Iwona Łętowska, Sławomir Chłabicz Wydawnictwo Lekarskie PZWL, 2013 2. Choroba wieńcowa w praktyce lekarza rodzinnego 3. Marek Kośmicki Termedia, 2010 4. CHOROBY SKÓRY: Praktyka lekarza rodzinnego 5. Anna Zalewska-Janowska, Honorata Błaszczuk Wydawnictwo Lekarskie PZWL, 2009 6. Choroby wieku podeszłego (Praktyka Lekarza Rodzinnego) 7. Tomasz Kostka, Małgorzata Koziarska-Rościszewska Wydawnictwo Lekarskie PZWL, 2009 |

Acceptance Unit Manager or authorized person