

SYLLABUS

concerning the cycle of education 2022-2028

(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 VIII |
| 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 | 65 | - | - | 10 | - | - | - | 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

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| 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 |
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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 | Performs differential diagnosis of the most common diseases of adults and children. | E.U12. |
| EK_10 | It qualifies the patient for home and hospital treatment. | E.U20. |
| EK_11 | It qualifies the patient for vaccination. | E.U27. |
| EK_12 | Plans specialist consultations. | E.U32. |
| EK_13 | Acts properly in the case of injuries (assumes a dressing or immobilization, supplies and stitches the wound). | E.U36. |
| EK_14 | Recognizes the agony of the patient and determines his death. | E.U37. |
| EK_15 | Keeps the patient's medical records. | E.U38. |

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| EK_16 | He is able to establish and maintain a deep and respectful contact with the patient | K.01. |
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3.3 CONTENT CURRICULUM (filled by the coordinator)

A. Lectures

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| Course contents |
| Basic rheumatic diseases in the practice of a family doctor |
| Urological problems in family doctor practice. Selected psychiatric problems. |
| Basics of oncology in family doctor practice. |
| Basic issues in the field of infectious diseases. |
| Problems of old age. |

B. Exercises

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| Course contents |
| Patient with hypertension in outpatient medical care - how to diagnose, how to treat? Patient with chest pain-differential diagnostics. Keeping the patient with stable coronary heart disease. Patient after percutaneous coronary intervention. Clinical cases. Heart failure - diagnosis, conservative treatment. Qualification of the patient for heart transplantation. Keeping the patient after heart transplantation. Clinical cases. Interpretation of electrocardiograms. |
| Treatment of type 2 diabetes with oral antidiabetic agents - treatment for specific patients. |
| Dietary counseling - arranging a diet for a particular patient in a clinic. |
| Prevention of ocular complications - ophthalmological examination in diabetes. |
| Diabetic foot - diagnostic tests, treatment. |
| Practical science of insulin therapy: types of insulins, dosage, injections. |
| Other late complications of diabetes. |
| Urinary calculus (especially in the kidney spine). |
| Urinary nephritis. |
| Urinary tract infection - asymptomatic bacteriuria, proteinuria, erythrocyturia, leukocyturia. |
| The role of the family doctor in the treatment of patients with chronic renal failure. |
| Management of electrolyte disturbances (hypo- and hyperkalemia, hypo- and hypercalcaemia). |

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| Clinical problems requiring rapid specialist consultations or hospitalization - special indications. |
| Problems related to monitoring the patient's condition dialyzed in POZ. |
| Interviewing patients. |
| Conducting a physical examination of patients. |
| Determining the indications and qualification of patients for additional tests / radiological and functional examinations, invasive diagnostics. |
| Students get practically acquainted with the patient reception mode, the scope of diagnostics available within the NFZ system. On the example of the Gastrological Clinic, they will learn the current regulations in AOS. |
| Definition, essence, organization and tasks of palliative care. |
| Practical rules of communication with the patient and his family |

C. Seminars

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| Course contents |
| Principles of family medicine Organization of the Family Doctor Practice The most common health problems in PLR Patient safety in POZ |
| Metabolic syndrome and its components. Patient care in the context of his family. Doctor-patient relation |
| Risk factors for heart and vessel diseases. Chronic venous insufficiency Emergencies in POZ, ECG - application in POZ |
| Infections of the upper respiratory tract Obstructive diseases - Bronchial asthma POCHP. New rules of conduct in the antibiotic therapy of respiratory system diseases |
| Evaluation of the health of the child. Child with recurrent infections in PLR. Medicine of travelers. Improving the skill of small surgery. |

3.4 TEACHING METHODS

Lecture: multimedia presentation.

Exercises: practical exercises, demonstration, lecture form.

Seminars: multimedia presentation, 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, EK_10, EK_11, EK_12, EK_13, EK_14, EK_15, EK_16 | Practical pass | Exercises |

4.2 Conditions for completing the course (evaluation criteria)

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| <p>Lectures (EK_01, EK_02):</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> <p>5.0 - has knowledge of each of the contents of education at the level of 90% -100%</p> <p>4.5 - has knowledge of each of the content of education at the level of 84% -89%</p> <p>4.0 - has knowledge of each of the content of education at the level of 77% -83%</p> <p>3.5 - has knowledge of each of the content of education at the level of 70% -76%</p> <p>3.0 - has knowledge of each of the content of education at the level of 60% -69%</p> <p>2.0 - has knowledge of each of the contents of education below 60%</p> <p>Ćwiczenia, seminars (EK_03, EK_04, EK_05, EK_06, EK_07, EK_08, EK_09, EK_10, EK_11, EK_12, EK_13, EK_14, EK_15):</p> <p>1. full participation and activity in the exercises</p> <p>2. written partial credits</p> <p>Range of ratings: 2.0 - 5.0</p> |
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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 | 90 |
| Preparation for classes | - |
| Participation in the consultations | 2 |
| The time to write a paper / essay | |
| Preparation for tests | 10 |
| Participation in colloquia | 1 |
| Other (e-learning) | - |
| SUM OF HOURS | 90 |
| 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, 20083. 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 Chlabicz Wydawnictwo Lekarskie PZWL, 20132. Choroba wieńcowa w praktyce lekarza rodzinnego3. Marek Kośmicki Termedia, 20104. CHOROBY SKÓRY: Praktyka lekarza rodzinnego5. Anna Zalewska-Janowska, Honorata Błaszczyk Wydawnictwo Lekarskie PZWL, 20096. Choroby wieku podeszłego (Praktyka Lekarza Rodzinnego)7. Tomasz Kostka, Małgorzata Koziarska-Rościszewska Wydawnictwo Lekarskie PZWL, 2009 |

Acceptance Unit Manager or authorized person