

Subject name Family Medicine		ECTS Code		
Name of unit teaching the subject THE ZBIGNIEW RELIGA FACULTY OF MEDICAL SCIENCES IN ZABRZE, THE UNIVERSITY OF TECHNOLOGY IN KATOWICE				
Studies				
Field of study	degree	mode	major	specialization
medical	Uniform Master's	Stationary/non-stationary		
Surname of instructor (instructors)				
Type of class, method of implementation and specified number of hours		Amount of ECTS points		
A. Type of class <ul style="list-style-type: none"> • lecture, • exercise classes, • <u>clinical exercise classes</u> • seminars, • design classes • laboratories, • lectureship, • diploma seminar, • professional internship.* * mark where applicable		Description of awarding ECTS points:		
B. Method of implementation <ul style="list-style-type: none"> • classes in a didactic room • clinical classes • classes in a simulation workshop 		Activity		Student workload
C. Amount of hours in accordance with the approved curriculum Lectures : 30h, clinical exercise classes: 60h Semester 09 – 15h L + 30h Ex Semester 10 – 15h L + 30h Ex		Participation in lectures		30 hours
		Participation in practical classes		60 hours
		Preparation for practical classes and colloquiums		10 hours
		Examination/assessment preparation		10 hours
		Consultations		10 hours
		Total number of hours		120 hours / 30
		Amount of ECTS points per module		4 ETCS
Didactic cycle Semester 09 and 10				
Subject status • mandatory / facultative		Language of instruction Polish		
Didactic methods Lectures Tests, Presentations with the use of additional examinations e.g. ultrasound, computed tomography, radiography Discussion on clinical cases – case study Practical exercise in contact with the patient. Exercises will be		Forms and methods of passing and general grading criteria or examination requirements		
		A. Method of passing		
		<ul style="list-style-type: none"> • test • practical assessment 		

<p>implemented within the framework of clinical blocks</p>	<p>B. Forms of passing:</p> <ul style="list-style-type: none"> • practical assessment after each exercise module • practical assessment: talk with a patient, conducting an examination, proposal of diagnosis and treatment • pediatric patient – assessment, percentile norms, examination <p>C. Basic grading criteria Are individually specified, correspond to the educational effects</p>
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Definition of preparatory subjects and initial requirements

Familiarity with anatomy, biochemistry, physiology, pharmacology, microbiology, pathophysiology, propedeutics of internal diseases

- Subject aim**
1. familiarizing the student with principles and organization of clinical work, basics of ethics in the everyday work of a family doctor
 2. acquiring the ability to conduct a medical interview and a physical examination, and familiarizing the student with clinical terminology, medical way of thinking in the diagnostic process and in a primary healthcare facility
 3. independent taking of case history
 4. conducting a full physical examination of children and adults
 5. completing a primary health care facility medical documentation
 6. performing the basic procedures and medical interventions required by a primary healthcare facility
 7. becoming familiar with and understanding the causes, symptoms, principles of diagnosis and therapeutic treatment regarding the most common diseases in the practice of a family doctor
 8. becoming familiar with and understanding prophylactic measures and methods of preventing the most common internal diseases
 9. pharmacological treatment and non-pharmacological treatment in selected internal diseases, principles of dietary and rehabilitation treatment in selected internal diseases
 10. pointing out the significance of prophylaxis and the promotion of health in the practice of a family doctor taking into account prophylactic measures of the first, second, and third degrees
 11. showing the place of a family doctor in the healthcare system and principles of cooperation with medical and non-medical institutions in care over the patient/his family

- Curriculum**
1. Treatment of a cardiologic patient in a primary healthcare facility – guidelines of the PCS and ESC part 1
 2. Treatment of a cardiologic patient in a primary healthcare facility – guidelines of the PCS and ESC part 2
 3. Treatment of a cardiologic patient in a primary healthcare facility – guidelines of the PCS and ESC part 3
 4. Treatment of dyslipidemia in a primary health care facility
 5. Nephrology in a primary healthcare facility
 6. Diabetic education, principles of diagnosis and treatment of diabetes in a primary healthcare facility
 7. Epidemiology, diagnosis and treatment of rheumatoid diseases in a primary healthcare facility
 8. Endocrine diseases in a primary healthcare facility
 9. Gastroenterology in a primary healthcare facility part 1
 10. Gastroenterology in a primary healthcare facility part 2
 11. Most common pediatric problems in a primary healthcare facility
 12. Hematology – symptoms, additional examination, differential diagnosis in a primary healthcare facility
 13. Dietary treatment in selected chronic disease
 14. Most common allergological diseases – diagnosis and treatment
 15. Pulmonology in a primary healthcare facility
 16. Pulmonology in a primary healthcare facility – part 3
 17. Neurology in a primary healthcare facility
 18. Most common dermatological diseases
 19. Child examinations. Mandatory and voluntary vaccinations – legal aspect, discussion with the family
 20. Percentile norms application. Assessment of a child

21. Patient's agony and death – principles – basic documents, death certificate
22. Laryngology in a primary health care facility – exploratory hearing examination.
23. Antibiotic therapy in selected infections in the practice of a family doctor
24. Pregnancy – required documents, prophylactic examinations
25. Oncology in a primary healthcare facility part 1 – screening, prophylactic programs
26. Oncology in a primary healthcare facility part 2 – the most common problems of oncological patient
27. Principles of organization of a primary healthcare facility, requirements, principles of contracting and settlements of services in a primary healthcare facility

During the exercise classes the student in a practical way uses knowledge from lectures. In addition the classes are targeted at the practical aspects of individual diseases, supplementing the knowledge acquired during lectures. The student has the opportunity of accompany a doctor in taking care of the patient, from the moment of admission, going through the individual stages of planning, treatment, diagnosis, the start and modification of therapy. The content of the exercise classes supplements the lecture content

Literature

A. Basic literature

INTERNA Szczeklika 2019. Medycyna Praktyczna

MEDYCYNA RODZINNA, PZWL 2017, Latkowski B.

CURRENT GUIDELINES OF ACTION IN SELECTED DISEASES OF THE COLLEGE OF FAMILY MEDICINE AND SCIENTIFIC ASSOCIATIONS e.g. Polish Diabetes Association

B. Supplementary literature

POROZUMIEWANIE SIE LEKARZA Z PACJENTEM I JEGO RODZINĄ, A. Steciwko, J. Barański: Elsevier Urban & Partner, Wrocław 2012, 1st edition

INTERNA SZCZEKLIKA – MAŁY PODRĘCZNIK 2019, Andrzej Szczeklika, Piotr Grajewski, Wydawnictwo Medycyna Praktyczna, Kraków 2017

MEDYCYNA RODZINNA – PODRĘCZNIK DLA LEKARZY I STUDENTÓW A. Windak, S. Chlabicz, A. Mastalerz-Migas.: Termedia Wydawnictwo Medyczne, Poznań 2015

Educational effects:

Effect no	Description of an educational effect Number of educational effect	Form of grade Form of didactic classes
Knowledge:		
W1	E.W1 Knows the environmental and epidemiologic conditions of the most common diseases	Written examination, practical written examination, presentation, oral response. Discussion and solving clinical problems in groups. Demonstration of medical techniques and imaging examinations. Independent completion of medical procedures under simulated conditions L (Lecture) + CE (clinical exercise classes) SE (exercises under simulated conditions)
W2	E.W7 Knows and understands the causes, symptoms, principles of diagnosis and therapeutic treatment regarding the most common internal diseases and their complications	
W3	Knows and understands the causes, symptoms, principles of diagnosis and therapeutic treatment of the most common disease of children in a primary healthcare facility	
W4	E.W8 Knows and understands the course and symptoms of the ageing process and the principles of total geriatric assessment and interdisciplinary care regarding an elderly patient	
W5	E.W24 Knows the principles of early detection of caners and the principles of screening tests in oncology	
W6	E.W27 Knows and understands the causes, symptoms, principles of principles of diagnosis and therapeutic treatment of the most common problems of palliative care	
W7	E.W28	

	Knows the principles of palliative care of a patient in a terminal condition	
W8	E.W34 Knows and understands the causes, symptoms, principles of principles of diagnosis and therapeutic and prophylactic treatment in the most common bacterial, viral, parasitic diseases and in mycosis, including pneumococcal and viral liver inflammation, acquired immune deficiency syndrome (AIDS), sepsis, and hospital infections	
W9	E.W39 Knows the types of biological material used in laboratory diagnosis, and the principles of collecting material for examinations	
W10	E.W41 Knows the capabilities and limitations of laboratory examinations in emergency conditions	
W11	E.W40 Knows the theoretical and practical basis of laboratory diagnosis	
Abilities:		
U1	E.U1 Conducts a medical interview with an adult patient	Written examination, practical written examination, presentation, oral response. Discussion and solving clinical problems in groups. Demonstration of medical techniques and imaging examinations. Independent completion of medical procedures under simulated conditions L (Lecture) + NCE (non-clinical exercise classes) SE (exercises under simulated conditions) Seminars
U2	E.U2 Conducts a medical interview with a child and its family	
U3	E.U3 Conducts a full and targeted physical examination of an adult patient	
U4	E.U6 Conducts and exploratory examination of hearing, field of vision, as well as an otoscopic examination	
U5	E.U7 Evaluates the general condition and the state of consciousness and state of awareness of a patient	
U6	E.U9 Compares the anthropomorphic measures and blood pressure with the date from percentile norms	
U7	E.U11 Conducts a medical checkup	
U8	E.U12 Conducts a differential diagnosis of the most common diseases for children and adults	
U9	E.U13 Evaluates and describes the somatic and mental condition of the patient	
U10	E.U14 Diagnoses direct life-threatening conditions	
U11	E.U16 Plans diagnostic, therapeutic and preventive treatment	
U12	E.U17 Conducts an analysis of possible harmful side effects of drugs and of the interactions between them	
U13	E.U18 Suggests an individual approach to the therapeutic guidelines in force as well as other treatment methods in face of an unsuccessful or contradictory standard therapy	
U14	E.U20 Qualifies a patient for home-based or hospital treatment	
U15	E.U29 Performs the basic medical procedures and interventions	
U16	E.U31 Interprets the pharmaceutical characteristics of medicinal products and critically evaluates advertising materials regarding drugs	
U17	E.U32 Plans specialized consultations	

U18	E.U37 Diagnoses agony and declares death		
U19	E.U38 Maintains the patient's medical documentation		
Social competencies:			
K1	Is aware of his own diagnostic and therapeutic limitations, educational needs, plans his educational activities	CE Clinical exercise classes Lectures Seminars	
K2	Can work in a professional team, in a multi-cultural and multi-national community		
K3	Can establish and maintain a deep, respectful contact with the patient		
K4	Protects patient confidentiality and all patient rights		
Criteria of evaluating educational effects			
Educational effect	For a grade of 3	For a grade of 4	For a grade of 5
W1-W11 U1-U19 K1-K4	<p>The final test consists of 100 multiple choice questions In order to receive a credit for the examination a student must complete at least 61% of it correctly Insufficient (2.0) – below 61% Sufficient (3.0) – 61-69% Satisfactory (3.5) – 70-76% Good (4.0) – 77-84% Very Good (4.5) – 85-92% Excellent (5.0) – 93-100%</p> <p>The practical assessment is based on taking case history, examining the patient, suggesting diagnostic and therapeutic treatment for at least two patients (including 1 pediatric patient).</p>		