

Course description

Part 1

General information about the course	
1. Major of study: medicine	2. Study level: unified MSc 3. Form of study: intramural
4. Year: VI	5. Semester: XI
6. Course name: Family Practice	
7. Course status: required	
8. Course contents and assigned learning outcomes Learning outcomes / reference to learning outcomes indicated in the standards For knowledge – student knows and understands: For skills student can do:..... For social competencies student is ready to:..... Prerequisites for knowledge, skills and other competencies Description of requirements <ol style="list-style-type: none"> 1. Knowledge of collecting medical history with an adult patient, knowledge of medical history with a child and his family, knowledge of principles and techniques of physical examination of an adult and child patient 2. Knowledge of causes, symptoms, principles of diagnostic and therapeutic treatment of the most common chronic diseases and their complications in primary care: hypertension, type 2 diabetes, ischemic heart disease, obesity, dyslipidemia 3. Knowledge of principles of carrying out balance tests in children, ability to use centiles, knowledge of rules of immunization in children and adults 4. Ability to perform an indicative hearing test and visual field and otoscopic examination 5. Ability to perform standard electrocardiogram and interpretation of underlying lesions: acute coronary syndrome, bradycardia, tachycardia, arrhythmias, recognition of "unoccupied" rhythm 6. Interpretation of basic laboratory tests and identification of the cause of deviations, knowledge of types of biological materials used in laboratory diagnostics and principles of sampling, knowledge of possibilities and limitations of laboratory tests in emergency conditions 7. Ability to use simple strip tests: urinalysis, glucose determination 8. Ability to keep a patient's file, planning specialist consultations Learning Objectives Purpose description <ol style="list-style-type: none"> 1. Acquainting with the algorithms and principles of collecting medical history in various clinical situations, taking into account the age of the patient (child, adult, family interview) and familiarizing with the physical examination techniques of the patient (adult, child) 2. To familiarize with the causes, symptoms, principles of diagnostic and therapeutic treatment of the most common chronic diseases and their complications in primary health care conditions: hypertension, type 2 diabetes, ischemic heart disease, obesity, dyslipidemia 3. Familiarization with: carrying out pediatric cardiac studies, using centiles, conducting immunization vaccination in children and adults 4. Acquainted with the principles of standardized electrocardiogram and interpretation of basic lesions: acute coronary syndrome, bradycardia, tachycardia, arrhythmias, ability to recognize the "unoccupied" 5. Acquainting with the interpretation of basic laboratory tests and identification of the cause of deviations, acquainting with the types of biological materials used in laboratory diagnostics and rules of taking materials for tests, indication of possibilities and limitations of laboratory tests in emergency conditions 	

6. Learn how to use simple strap tests: general urine test, glucose test
7. Acquainted with the rules of conduct of patient medical records and planning specialist consultations

9. Number of hours for the course		75
10. Number of ECTS points for the course		3
11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Written evaluation – open questions Grade credit – MCQ	Forming method: - observation of activity during exercises and seminars and lectures, - clinical case studies, - written and oral assessment, - passing a multimedia presentation, - passing practical skills Summary method: test exam / written exam
Skills	Report Observation Practical exam	
Competencies	Observation	

* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved

Course description

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail: medycynarodzinna@sum.edu.pl		
13. Name of the course coordinator: dr n. med. Elżbieta Mizgała-Izworska		
14. Prerequisites for knowledge, skills and other competencies:		
15. Number of students in groups	In accordance with the Senate Resolution	
16. Study materials	Medical apron, stethoscope, variable shoes, ECG record, X-ray picture	
17. Location of classes	"Center for Didactics and Medical Simulation SUM, ul Medyków 8b, 40-752 Katowice, Family Practice" "Salus" ", Medyków 22, 40-752 Katowice,	
18. Location and time for contact hours	"Center for Didactics and Medical Simulation SUM, ul Medyków 8b, 40-752 Katowice, Family Practice" "Salus" ", Medyków 22, 40-752 Katowice,	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
E.W7, E.W36, E.W36	Knows and understands causes, symptoms of the diagnostic and therapeutic principles of the most common chronic diseases and their complications in primary care: hypertension, type 2 diabetes, coronary heart disease, obesity, dyslipidemia	
E.W2, E.W32, E.W36	Knows the rules for carrying out balance tests in children, using centiles, conducting immunization vaccination in children and adults	
E.W36, E.W37, E.W39, E.W36	Knows the types of biological materials used in laboratory diagnostics and the principles of sampling, knows and understands the possibilities and limitations of laboratory tests in emergencies	
E.U1, E.U2, E.U3, E.U4, E.U29	able to collect medical history in various clinical situations, taking into account the patient's age (child, adult, intelligence collected from family) can perform a physical examination of the patient's adult and child	
E.U12, E.U13, E.U14, E.U16	Can perform diagnostics (including differential) of the most common chronic diseases and their complications in primary care: hypertension, type 2 diabetes, ischemic heart disease, obesity, dyslipidemia, assesses and describes the patient's somatosum, recognizes life-threatening conditions, Diagnostic, therapeutic and	

	prophylactic	
E.U9, E.U10, E.U11, E.U27, E.U29	Can perform a balance sheet check, use centiles, qualify the patient for vaccination	
E.U6	He can perform an indicative hearing test and a field of vision and an otoscopic examination	
E.U29, E.U14	He can perform and interpret the standard resting electrocardiogram	
E.U24	He can interpret laboratory tests and identify the cause of their deviations	
E.U29, E.U14	able to use the simple test strip: urinalysis, blood glucose	
E.U32, E.U38	able to conduct medical documentation of the patient and plan specialist consultations	
K.1	can establish and maintain a deep and respectful contact with the patient	
K.2	He directs the good of the patient putting them out of first place	
K.3	respects the medical confidentiality and patient rights	
K.4	It is aware of its own limitations and skills training to permanent	
20. Forms and topics of classes		Number of hours
21.1. Lectures		
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22.2. Seminars		
Familiarization with the characteristics and determinants of family medicine		2
Structure and function of POZ, place in the health care system.		1
Scope of competencies of family doctor as coordinator of patient care in POZ.		1
Familiarity with model relationships in POZ conditions.		2
Risk factors for ischemic heart disease		1
Ischemic heart disease in the practice of family doctor		2
Ekg in the practice of family doctor		2
Diabetes in the practice of family doctor		2
23.3. Labs		
Science of interviewing and physical examination in basic health care		3
To study the ability to diagnose the most common chronic diseases and their complications in basic health care, to identify conditions of immediate life threatening, to learn preventive,		7

diagnostic and therapeutic procedures in basic health care settings.	
Practical exercises in the area of balance examinations, use of centiles and qualification for vaccination	4
Practical exercises: indicative hearing and sight test, otoscopic examination	2
Practical exercises: execution and interpretation of standard resting electrocardiogram, diagnosis of life-threatening and debilitating cases	3
Practical exercises for interpreting laboratory tests, learning to identify the causes of deviations from normal	2
Practical exercises in the use of pulse test for urinalysis and blood glucose	2
Teaching patient medical records and planning specialist consultations	2
Science of interviewing and physical examination in basic health care	3
24. Readings	
<p>basic literature Latkowski B. Lukasz W. Godycki-Ćwirko Family medicine "Wydawnictwo Lekarskie PZWL, issue III Warsaw 2017. Windak A., Chlabicz S., Mastalerz-Migas A. and others "Family medicine". Handbook for Doctors and Students, Termedia Publishing House, Poznań, 2015</p> <p>Supplementary literature How to effectively talk with the patient and his family? Macinowicz L. Chlabicz S. PZWL Warszawa 2014, Wyd.I The practice of urgent medical practice - Philip Buttaravoli, M. Leffler, ed. half. Witold Lukas, Elsevier Urban & Partner. 2013 Palliative care. A guide for GPs. Anna Maria, Jagielski Damian, Rogiewicz Maria The guidelines / recommendations:</p> <ul style="list-style-type: none"> • Prophylaxis and treatment of influenza 2019 • Obesity treatment 2018 • Treatment of diabetes 2019 • Guidelines for management of lipid disorders 2016 • Principles of anti-smoking intervention • Principles of hypertension management - 2018 • Guidelines for the management of chronic pain • Recommendations of the Polish Society of Lung Diseases for the diagnosis and treatment of chronic obstructive pulmonary disease (COPD) • Principles of management of bronchial asthma in adults GINA 2018 	
25.	
Detail evaluation criteria	
<p>In accordance with the recommendations of the inspection bodies Completion of the course – student has achieved the assumed learning outcomes Detail criteria for completion and evaluation of the course are specified in the course regulations</p>	