



Syllabus for academic year: 2021/2022

Training cycle: 2016/2017-2021/2022

Description of the course

Course	FAMILY MEDICINE (2)		Group of detailed education results	
			Group code E	Group name NON- INTERVENTIONAL CLINICAL SCIENCES
Faculty	Faculty of Medicine			
Major	medicine			
Level of studies	<input checked="" type="checkbox"/> uniform magister studies <input type="checkbox"/> 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies			
Form of studies	<input checked="" type="checkbox"/> full-time <input type="checkbox"/> part-time			
Year of studies	VI	Semester:	<input checked="" type="checkbox"/> winter <input type="checkbox"/> summer	
Type of course	<input checked="" type="checkbox"/> obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / optional			
Language of study	<input type="checkbox"/> Polish <input checked="" type="checkbox"/> English			

Number of hours

Form of education

	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Didactic / (PCD)	Foreign language Course (FLC)	Physical Education (PE)	Vocational Practice (VP)	Directed Self-Study (DSS)	E-learning (EL)
Winter semester: 60 h													
DEPARTMENT OF FAMILY MEDICINE													
Direct (contact) education ¹			12		48								
Distance learning ²													
Summer semester:													
DEPARTMENT OF FAMILY MEDICINE													
Direct (contact) education													
Distance learning													

¹ Education conducted with direct participation of university teachers or other academics

² Education with applied methods and techniques for distance learning



TOTAL per year: 60h												
DEPARTMENT OF FAMILY MEDICINE												
Direct (contact) education			12		48							
Distance learning												
Educational objectives (max. 6 items)												
<p>C1. Developing competences in the field of goals and tasks of family medicine and primary health care</p> <p>C2. Developing competences in the field of psychology, sociology and communication of a primary care physician with the patient and his family</p> <p>C3. Shaping competences related to active and passive prophylaxis of infectious diseases and early detection of civilization diseases and cancer in primary health care</p> <p>C4. Getting to know the role, place and tasks of family medicine in the local community</p> <p>C5. Development social competences needed to practice the medical profession, in accordance with graduate's profile.</p>												
Education result for course in relation to verification methods of the intended education result and the type of class:												
Number of detailed education result		Student who completes the course knows/is able to					Methods of verification of intended education results		Form of didactic class <i>*enter the abbreviation</i>			
D.W5		the principles and methods of communication with the patient and his/her family to build an empathic, trusting relationship;					Presentation/ MCQ		AC,CC			
E.W1		the environmental and epidemiological determinants of the most common diseases;					Presentation/ MCQ		AC,CC			
E.W2		the principles of nutrition for healthy and sick children, including natural feeding, immunisation and keeping a child's health record;					Presentation/ MCQ		AC			
E.W3		<p>the causes, symptoms, principles of diagnosis and therapeutic management of the diseases that are most frequent in children:</p> <ol style="list-style-type: none"> 1. rickets, tetany, convulsions, 2. heart defects, myocarditis, endocarditis and pericarditis, cardiomyopathy, cardiac arrhythmias, heart failure, hypertension, vaso-vagal episodes, 3. acute and chronic diseases of the upper and lower respiratory tract, congenital malformations of the respiratory system, tuberculosis, cystic fibrosis, asthma, allergic rhinitis, urticaria, anaphylactic shock, angioedema, 4. anaemias, haemorrhagic diathesis, bone marrow failure, childhood cancers, including solid tumours typical of childhood, 5. acute and chronic abdominal pain, vomiting, diarrhoea, constipation, gastrointestinal bleeding, peptic ulcer disease, inflammatory bowel diseases, pancreatic diseases, cholestasis and liver diseases and other acquired diseases and congenital defects of the gastrointestinal tract, 6. urinary tract infections, congenital defects of the urinary tract, nephrotic syndrome, kidney stones, acute and chronic renal failure, acute and chronic nephritis, systemic kidney diseases, urinary disorders, vesicoureteral reflux 					Presentation/ MCQ		AC,CC			



	<p>disease,</p> <ol style="list-style-type: none"> 7. growth disorders, thyroid and parathyroid diseases, adrenal diseases, diabetes, obesity, puberty and gonadal function disorders, 8. cerebral palsy, encephalitis and meningitis, epilepsy, 9. the most common childhood infectious diseases, 10. genetic syndromes, 11. connective tissue diseases, rheumatic fever, juvenile arthritis, systemic lupus, dermatomyositis; 		
E.W7	<p>the causes, symptoms, principles of diagnosis and therapeutic management of the most common internal diseases affecting adults and their complications:</p> <ol style="list-style-type: none"> 1. cardiovascular diseases, including ischaemic heart disease, heart defects, diseases of the endocardium, heart muscle, pericardium, heart failure (acute and chronic), arterial and venous vascular diseases, hypertension - primary and secondary, pulmonary hypertension, 2. diseases of the respiratory system, including respiratory tract diseases, chronic obstructive pulmonary disease, bronchial asthma, bronchial dilatation, cystic fibrosis, respiratory infections, interstitial lung diseases, pleural diseases, mediastinal diseases, obstructive and central sleep apnoea, respiratory failure (acute and chronic), respiratory cancers, 3. diseases of the digestive system, including diseases of the oral cavity, oesophagus, stomach and duodenum, intestines, pancreas, liver, bile ducts and gallbladder, 4. endocrine diseases, including hypothalamus and pituitary, thyroid, parathyroid gland, cortex of the adrenal gland and suprarenal medulla, ovarian and testicular diseases and neuroendocrine tumours, polyglandular syndromes, different types of diabetes mellitus and metabolic syndrome - hypoglycaemia, obesity, dyslipidaemia, 5. kidney and urinary tract diseases, including acute and chronic renal failure, glomerular and interstitial kidney diseases, renal cysts, kidney stones, urinary tract infections, and urinary tract tumours, in particular of the bladder and kidney, 6. haematopoietic diseases including bone marrow aplasia, anaemia, granulocytopenia and agranulocytosis, thrombocytopenia, acute leukaemias, myeloproliferative neoplasms and myelodysplastic/myeloproliferative neoplasms, myelodysplastic syndromes, mature B and T cell neoplasms, haemorrhagic diathesis, thrombophilia, life-threatening conditions in haematology, blood disorders in diseases of other organs 7. rheumatic diseases, including systemic connective tissue diseases, systemic vasculitis, arthritis with spinal involvement, metabolic bone diseases, in particular osteoporosis and osteoarthritis, gout, 8. allergic diseases, including anaphylaxis and anaphylactic shock, and angioedema, 9. water-electrolyte and acid-base disorders: states of dehydration, states of overhydration, electrolyte 	Presentation/ MCQ	AC,CC



	disturbances, acidosis and alkalosis		
E.W8	the course and manifestations of the ageing process and the principles of holistic geriatric assessment and interdisciplinary care in relation to the elderly patient;	Presentation/ MCQ	AC,CC
E.W9	the causes and main specificities of the most common diseases affecting the elderly and the management of the main geriatric syndromes;	Presentation/ MCQ	AC,CC
E.W10	the basic principles of pharmacotherapy of diseases affecting the elderly;	Presentation/ MCQ	AC,CC
E.W12	the basic principles of organizing care for the elderly and the responsibilities of a caregiver for the elderly person;	Presentation/ MCQ	AC,CC
E.W29	principles of pain treatment, including neoplastic and chronic pain;	Presentation/ MCQ	AC,CC
E.W38	the causes, symptoms, principles of diagnosis and therapeutic management of the most common diseases and specific problems in the practice of the family doctor;	Presentation/ MCQ	AC,CC
D.U5	interview an adult patient, a child and a family using active listening techniques and expressing empathy, and talk to the patient about their life situation;	Observation of the performed activity/OSCE	AC,CC
E.U7	assess the general condition, state of consciousness and awareness of the patient	Observation of the performed activity/OSCE	CC
E.U9	match anthropometric and blood pressure measurements with data on centile grids;	Observation of the performed activity/OSCE	CC
E.U11	conduct a balance study;	Observation of the performed activity/OSCE	CC
E.U12	perform differential diagnosis of the most common diseases of adults and children;	Observation of the performed activity/OSCE	CC
E.U13	assess and describe the somatic and psychological state of the patient;	Observation of the performed activity/OSCE	CC
E.U14	recognize immediate life-threatening conditions;	Observation of the performed activity/OSCE	CC
E.U16	plan diagnostic, therapeutic and preventive procedures;	Observation of the performed activity/OSCE	CC, AC
E.U17	conduct an analysis of possible adverse reactions to and interactions between individual drugs;	Observation of the performed activity/OSCE	CC
E.U18	propose individualization of existing therapeutic guidelines and other methods of treatment in the event of ineffectiveness or contraindications to standard therapy;	Observation of the performed activity/OSCE	CC
E.U20	qualify the patient for home and hospital treatment;	Observation of the performed activity/OSCE	CC
E.U24	interpret laboratory test results and identify causes of deviations from the norm;	Observation of the performed activity/OSCE	CC



E.U27	qualify the patient for vaccination;	Observation of the performed activity/OSCE	CC
E.U29	perform basic medical procedures and treatments including: <ol style="list-style-type: none"> 1. measurement of body temperature (surface and deep), heart rate measurement, non-invasive blood pressure measurement, 2. monitoring of vital signs with a cardiomonitor, pulse oximetry, 3. spirometric examination, oxygen treatment, support and mechanical ventilation, 4. inserting an oropharyngeal tube, 5. intravenous, intramuscular and subcutaneous injections, peripheral venous cannulation, collection of peripheral venous blood, collection of blood for culture, collection of arterial blood, collection of arterialised capillary blood, 6. taking nasal, throat and skin swabs, 7. bladder catheterisation in women and men, gastric probing, gastric lavage, enema, 8. standard resting electrocardiogram with interpretation, electrical cardioversion and cardiac defibrillation, 9. simple strip tests and blood glucose measurement 	Observation of the performed activity/OSCE	CK
E.U31	interpret the pharmaceutical characteristics of medicinal products and critically evaluate advertising material for medicines;	Observation of the performed activity/OSCE	CC
E.U32	plan specialist consultations;	Observation of the performed activity/OSCE	CC, AC
E.U35	assess pressure sores and apply appropriate dressings;	Observation of the performed activity/OSCE	CC
E.U38	maintain patient medical records	Observation of the performed activity/OSCE	CC, AC
G.U6	prepare medical certificates for patients, their families and other parties;	Observation of the performed activity/OSCE	CC, AC
G.U8	act in such a way as to avoid medical errors;	Observation of the performed activity/OSCE	CC
* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning			
Student's amount of work (balance of ECTS points):			
Student's workload (class participation, activity, preparation, etc.)		Student Workload	
1. Number of hours of direct contact:		60	
2. Number of hours of distance learning:			
3. Number of hours of student's own work:		102	
4. Number of hours of directed self-study		n/a	



Total student's workload	162
ECTS points for course	4
Content of classes: (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)	
Auditorium classes (12 h): winter semester <ol style="list-style-type: none">1. Maria Bujnowska-Fedak: Demonstration of effective communication skills (workshop) (3h)2. Donata Kurpas: Health promotion and disease prevention in family practice (2h)3. Bartosz Sapilak: Prophylactic and early detection of environmental and neoplastic diseases (2h)4. Maria Bujnowska -Fedak: Specific pediatric problems: vaccinations, immunization schedule, prophylactic of rickets, child development evaluation (2h)5. Donata Kurpas: Problem - based learning: case study 1 (1h)6. Maria Bujnowska-Fedak: Problem - based learning: case study 2 (1h)7. Bartosz Sapilak: Problem - based learning: case study 3 (1h)	
Clinical classes: 1-8: winter semester	
Family practice attachment (8 x 6h= 48hrs)	
<ol style="list-style-type: none">1. The organization and functioning of general practice - tasks of primary health care and cooperation with other parts of the health care system.2. Diagnosis and therapy of the most common acute illnesses in children and adults in the family doctor's office.3. Diagnosis and therapy of the most common chronic diseases in children and adults in the family doctor's office4. Implementation of the principles of non-pharmacological and pharmacological treatment – coping with polypragmasy5. Learning to perform minor procedures in the family physician office, as e.g. water ear irrigation, changing dressing6. Care upon the elderly in primary care7. Balance examinations and qualification for vaccination8. Care upon bedridden patient, making home visits9. Determining the indications for diagnostic tests and referrals to specialist care - outpatient or hospital.10. Keeping medical records, issuing referrals and prescriptions, health certifications	
Other	
Basic literature (list according to importance, no more than 3 items) <ol style="list-style-type: none">1. Robert E. Rakel, David P. Rakel: <i>Textbook of Family Medicine</i>. 9th edition. Wyd. Elsevier Saunders 2016, ISBN: 978-0-323- 23990-52. Ian R. McWhinney, Thomas Freeman: <i>Textbook of Family Medicine</i>. 4th edition. Wyd. Oxford University Press 20163. Steciwko A.(ed.): <i>Practical skills for primary care physicians</i>: Academia Medica Wratislaviensis, Wrocław 2011	
Additional literature and other materials (no more than 3 items)	



1. Richard P. Ustine et al.: *The Color Atlas of Family Medicine*. Mc Graw Hill Medical 2019, third edition
2. Thomas J. Zuber, E.J. Mayeaux JR: *Atlas of primary care procedures*. Lippincott Williams&Wilkins 2004
3. Mindy A. Smith, Sarina Schragar, Vince WinklerPrins: *Essentials of Family Medicine*, 7th edition. Wolters Kluwer 2019

Preliminary conditions: (minimum requirements to be met by the student before starting the course)

The student must have completed the subject Family Medicine 1 and have knowledge and skills covering the issues of family medicine covered within this subject - the first year of education.

In the event of a change of classes with a different group, the student is required to report this fact to the assistant professor for didactics and obtain consent to participate in the classes.

Conditions to receive credit for the course: (specify the form and conditions of receiving credit for classes included in the course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)

The condition to obtain credit for the course in family medicine is the preparation and presentation on a group forum at least 2-3 clinical cases from general practice and confirmation of holding classes by the department assistants conducting classes and family doctors in the family practices what is registered in the Individual Student Card of Family Medicine. This card each student receives at the beginning of the class. Confirmation of the classes is the signature in the Card at the end of each classes and this means that the student took an active part in the classes.

Each absence from classes must be resolved. The form of doing the classes should be agreed in advance with the person responsible for the subject (the recommended form is a presentation or essay prepared by the student as part of self-education).

Grade:	Criteria for courses ending with a grade ³
Very Good (5.0)	Proper preparation and presentation of 4 and more clinical cases enriched with clinical guidelines and own reflections
Good Above (4.5)	Proper preparation and presentation of 4 and more clinical cases
Good (4.0)	Proper preparation and presentation of 3 clinical cases enriched with clinical guidelines and own reflections
Satisfactory Plus (3.5)	Proper preparation and presentation of 3 clinical cases
Satisfactory (3.0)	Proper preparation and presentation of 2 clinical cases
	Criteria for courses ending with a credit³
Credit	Not applicable

Exam	Criteria
Test exam (TE)	TE: obtaining a positive mark in a family medicine test, which consists of 90 multiple-choice questions (MCQ) and is carried out at the end of the course in this subject - in the winter examination session. The condition for passing the theoretical exam is obtaining at least 60% of the positive answers in the multiple-choice test (MCQ).
Grade:	Criteria for exam³
Very Good (5.0)	TE - 90 ≥ % test points
Good Above (4.5)	TE – 82-89% test points
Good (4.0)	TE – 74-81% test points

³ The verification must cover all education results, which are realized in all form of classes within the course



Satisfactory Plus (3.5)	TE – 68-73% test points
Satisfactory (3.0)	TE – at least 60-67% test points

Department in charge of the course:	DEPARTMENT OF FAMILY MEDICINE
Department address:	51-141 WROCLAW, SYROKOMLI 1
Telephone:	71 3266876, 71 3255157, 71 3255126
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Person in charge for the course:	Dr hab.n.med. Maria Magdalena Bujnowska-Fedak
Telephone:	71 3266876, +48 606103050
E-Mail:	maria.bujnowska-fedak@umed.wroc.pl

List of persons conducting specific classes:

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Maria Bujnowska-Fedak	M.D., PhD, assistant professor	Medical science	Family physician	Lectures, seminars, classes
Donata Kurpas	M.D., PhD, professor	Medical science	Family physician	Lectures, seminars, classes
Bartosz Sapilak	M.D., PhD	Medical science	Family physician	Seminar, classes
Urszula Grata-Borkowska	M.D., PhD	Medical science	Family physician	Seminar, classes
Andrzej Staniszewski	M.D., PhD	Medical science	Family physician, surgeon	Classes
Łukasz Wysoczański	M.D.	Medical science	Resident in family medicine	Seminar, classes
Joanna Waligóra	M.D.	Medical science	Resident in family medicine	Classes
Monika Majewska	M.D.	Medical science	Family physician	Classes
Ewa Krawiecka-Jaworska	M.D.	Medical science	Family physician	Classes
Mariusz Domański	M.D., PhD	Medical science	Family physician, surgeon	Classes
Paulina Wysoczańska	M.D.	Medical science	Resident in family medicine	Classes
Mateusz Sobieski	M.D.	Medical science	Resident in family medicine	Classes

Date of Syllabus development

28.06.2021 y.

Syllabus developed by

Maria Magdalena Bujnowska-Fedak, M. D, PhD

Dean's signature

Wroclaw Medical University
Faculty of Medicine
Vice-Dean for English Studies
prof. Beata Sobieszkońska, PhD

Signature of Head(s) of teaching unit(s)

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