



SUBJECT OUTLINE

1. Programme of study description

1.1.	THE "CAROL DAVILA" UNIVERSITY OF MEDICINE AND PHARMACY
1.2.	THE FACULTY OF MEDICINE / THE CLINICAL DEPARTMENT
1.3.	DISCIPLINE: FAMILY MEDICINE
1.4.	DOMAIN OF STUDY: Healthcare – regulated sector within the EU
1.5.	CYCLE OF STUDIES: BACHELOR'S DEGREE
1.6.	PROGRAMME OF STUDY: MEDICINE

2. Subject description

2.1.	Name of the subject/compulsory subject/elective subject within the discipline: FAMILY MEDICINE						
2.2.	Location of the discipline:						
2.3.	Course tenured coordinator:						
2.4.	Practicals/clinical rotations tenured coordinator:						
2.5. Year of study	VI	2.6. Semester	XI, XII	2.7. Type of assessment	GRID, PRACTICAL	2.8. Subject classification	Compulsory discipline

3. Total estimated time (hours/semester of didactic activity) – teaching module

Number of hours per week	25	Out of which: course	10	Clinical rotation	15
Total number of hours from curriculum	65	Out of which: course	26	Clinical rotation	39
Distribution of allotted time	3 weeks		2 hours /day		3 hours/day
Study from textbooks, courses, bibliography, and student notes					
Additional library study, study on specialized online platforms and field study					
Preparing seminars / laboratories, assignments, reports, portfolios and essays					
Tutoring					
Examinations					
Other activities					
Total hours of individual study					
Number of credit points					4

4. Prerequisites (where applicable)

4.1. of curriculum	-
4.2. of competencies	-

5. Requirements (where applicable)

5.1. for delivering the course	-
5.2. for delivering the clinical rotation	-

6. Acquired specific competencies

Professional competencies (expressed through knowledge and skills)	<ul style="list-style-type: none"> Identifying the disease state and establishing the correct diagnosis of the conditions Conception and application of a therapeutic plan appropriate to the identified conditions
--	---



	<ul style="list-style-type: none"> • Correct assessment of disease risk • Evaluation of the context of the occurrence of an individual/collective illness • Choosing and applying appropriate prophylaxis measures • Approaching health/disease problems from the perspective of the particularities of the community, in relation to the social, economic or educational conditions in its field of competence • Completing the tasks received in good conditions and efficiently.
Transversal competencies (of role, of professional and personal development)	<ul style="list-style-type: none"> • Effective use of information sources and assisted professional communication methods (databases, dedicated websites, online courses) both in Romanian and in English • Identifying responsibilities in a multidisciplinary team and applying communication techniques and involvement in teamwork, good communication with the patient.

7. Subject learning objectives (based on the scale of acquired specific competencies)

7.1. General learning objective	Knowledge of the functionality of the specialization Family Medicine, particularities, correct diagnosis and appropriate treatment within Family Medicine .
7.2. Specific learning objectives	Obtaining the main skills specific to the Family Medicine specialization, contact with the patient, primary medicine.

8. Content

8.1. Course	Teaching methods	Observations
1 Introductory notions : the definition of family medicine, the position of family medicine in the medical system, the functions and principles of family medicine, competences, limits.	1. Audio-visual 2. Interactive exhibition	Taking a correct history
2 Preventive medical activity in family medicine, the importance of prevention, methods of prevention.	1. Audio-visual 2. Interactive exhibition	Counseling on the adoption of a lifestyle to reduce risk factors
3 Prophylaxis by vaccination, indications and contraindications, passive immunoprophylaxis.	1. Audio-visual 2. Interactive exposure	Drawing up a vaccination plan, according to the National Vaccination Program
4 Notions of child care, infant feeding techniques, food diversification, growth and development.	1. audio-visual 2. Interactive exposure	Knowing and performing some screening methods for the main genetic diseases
5 Development and main diseases of the adolescent, adolescent pathology	1. Audio-visual 2. Interactive exhibition	Optimizing the therapeutic plan according to the needs of the patient of any



The "Carol Davila" University of Medicine and Pharmacy Bucharest
The Quality Assurance Commission

		age.
6 Family planning activity, counseling methods, contraception methods	1. Audio-visual 2. Interactive exhibition	Knowledge of the main aspects of family planning and contraception
7 Care of pregnant women and pregnancy monitoring, detection of risk factors.	1. Audio-visual 2. Interactive exhibition 3. Case presentation	Optimizing the therapeutic plan according to the patient's needs
8 The main diseases of the child. Respiratory, digestive, genito-urinary diseases, infectious diseases, deficiencies of infants and young children.	1. Audio-visual 2. Interactive exhibition 3. Case presentation	Realization of the therapeutic plan in the case of medical-surgical emergencies, acute conditions frequently encountered in the family doctor's practice.
9 The main cardiovascular diseases of the adult and the risk factors in these diseases	1. Audio-visual 2. Interactive exposure	
10 The main emergencies in family medicine : hypertension, first aid, bronchial asthma, renal colic, biliary colic, anaphylactic shock, urinary retention, etc.	1. Audio-visual 2. Interactive exposure	
11 The main respiratory diseases of the adult and the risk factors in these diseases	1. Audio-visual 2. Interactive exposure	
12 The main digestive and metabolic diseases of the adult and the risk factors in these diseases (Chronic hepatitis, irritable colon, colon neoplasm, diabetes, obesity, dyslipidemia, obesity).	1. Audio-visual 2. Interactive exposure	
13 Care of the elderly, diseases specific to the elderly, terminal illnesses, patient care and rights of patients with end-stage pathology, palliative treatments	1. Audio-visual 2. Interactive exposure	
8.2. Clinical rotation	Teaching methods	Observations
CR 1 The structure of the Family Medicine office and the primary records in Family Medicine : consultation sheets, consultation registers, records of pregnant women, vaccinations and consultations at home, coordination of the family doctor's work team.	1. Practical and theoretical applications 2. Case presentations of analysis bulletins, didactic materials, grids, presentations, powerpoint 4. Discussions with students. 5. Presentation of registers to record the family doctor's activity	3 hours
CR 2 Specific problems faced by the family doctor : the factors on which the family doctor's requests depend, the	1. Practical and theoretical applications, 2. Case presentations. 3. Presentations of analysis bulletins,	



The "Carol Davila" University of Medicine and Pharmacy Bucharest
The Quality Assurance Commission

structure of the family doctor's preventive and curative requests, the family doctor's managerial requests.	didactic materials, grids, presentations, powerpoint. 4. Discussions with students 5. Presentation of the activity registers of the family doctor	
CR 3 The relations of the family doctor with CAS, the conditions for concluding the contract with CAS, curative medical services, the financial management of the family medicine office. The relations of the family doctor with other specialists.	1. Practical and theoretical applications 2. Case presentations 3. Presentations of analysis bulletins, didactic materials, grids, presentations, powerpoint 4. Discussions with students 5. Presentation of registers to record the family doctor's activity	
CR 4 Prophylactic services in family medicine: the goals of preventive activity, primary, secondary and tertiary prophylaxis, prophylactic measures in the community: (preventive methods used in communities, preventive services that the family doctor can offer), indicators for evaluating the health of the population. Identification and combating risk factors: assessing the principal risk factors, the possibilities of risk measurement, the action mechanism of different risk factors, the objectives of risk factor management. Obligatory vaccinations, optional vaccinations, contraindications and precautions. Preparation of a catalog. Exams: periodical assessment: the content and periodicity of assessment examinations for different age groups and special categories of the population.		
CR 5 Periodic balance examinations: content and periodicity of balance examinations: for different age groups and special categories of population.		
CR 6 Classification of vaccinations: mandatory vaccinations, optional vaccinations. contraindications and precautions. The preparation of the catalogues.		3 hours



The "Carol Davila" University of Medicine and Pharmacy Bucharest
The Quality Assurance Commission

CR 7 Family planning and contraceptive methods: definition, content of family planning activities, non-hormonal contraceptive methods, hormonal contraceptive methods.	1. Practical and theoretical applications 2. Case presentations 3. Presentations of analysis bulletins, didactic materials, grids, presentations, powerpoint 4. Discussions with students 5. Presentation of registers to record the activity of the family doctor.	3 hours
CR 8 Taking into account and dispensary of pregnant women, pregnancy diagnosis, selection of high-risk pregnant women, content and periodicity of pregnant women's consultations, mandatory paraclinical examinations during pregnancy.		3 hours
CR 9 Taking over the newborn and monitoring its development: the history, the evolution of pregnancy and birth, the general clinical examination of the newborn, recommendations made at the first visit, the promotion of natural nutrition, periodic examinations of the newborn and the infant.	1. Practical and theoretical applications 2. Case presentations 3. Presentations of analysis bulletins, didactic material, grids, presentations, powerpoint 4. Discussions with students 5. Presentation of registers to record the activity of the family doctor.	3 hours
CR 10 The role of the family doctor in the detection and dispensation of communicable diseases: measures taken by the family doctor when a new case of tuberculosis, HIV/IDA, acute viral hepatitis occurs.	1. Practical and theoretical applications 2. Case presentations 3. Presentations of analysis bulletins, didactic material, grids, presentations, powerpoint 4. Discussions with students 5. Presentation of registers to record the activity of the family doctor.	3 hours
CR 11 Supervision of chronic patients: the main chronic diseases, the active dispensary of the main chronic diseases, the content and periodicity of the clinical and para clinical examination of chronic diseases (cardiovascular diseases, diabetes, respiratory diseases, digestive diseases, kidney diseases, collagen diseases). Palliative care in family medicine: definition, the components of palliative medicine, the main signs and symptoms of patients in the terminal phase, chronic pain management		
CR 12 The peculiarities of providing first aid in family medicine: the		3 hours



**The "Carol Davila" University of Medicine and Pharmacy Bucharest
The Quality Assurance Commission**

application of first aid measures in the family medicine office in case of cardio-respiratory arrest, hypertensive emergency, myocardial infarction, asthmatic illness, acute urinary retention and anaphylactic shock.		
CR 13 The particularities of the consultation in family medicine: factors and the particularities of the consultation determined by the place, structure, time and limited means of the family doctor, the consultation at the patient's home. The patient's therapeutic education: the factors on which the patient's compliance with the treatment depends, the clear preparation of the therapeutic plan.	1. Practical and theoretical applications 2. Case presentations 3. Presentations of analysis bulletins, didactic materials, grids, presentations, powerpoint. 4. Discussions with students 5. Presentation of registers to record the activity of the family doctor.	3 hours

Bibliography for course and clinical rotation

1. WHO guideline on school health services. Geneva: World Health Organization; 2021. License: CC BY-NC-SA 3.0 IGO
2. Handbook for conducting an adolescent health services barriers assessment (AHSBA) with a focus on disadvantaged adolescents: knowing which adolescents are being left behind on the path to universal health coverage, and why. Geneva: World Health Organization; 2019
3. Hygiene, 2nd edition, under the coordination of Sergiu Mănescu, Universul Publishing House, Bucharest, 2000
4. Food in communities, Monica Tarcea et al, University Press, 2017
5. INSP methodologies for surveillance of infectious diseases in children's communities. Methodologies – National Institute of Public Health (gov.ro)
6. Essentials in pediatrics, 4th edition, under the coordination of Carmen Ciofu, Amaltea Publishing House, Bucharest
7. Treatise on adolescent medicine - edited by Nicolae Miu, Casa Cărții de Știință Publishing House, Cluj-Napoca
8. Manual of child and adolescent psychiatry - edited by Dobrescu I, Total Publishing, Bucharest, 2016
9. Medical biostatistics course – Drugan T, Bolboacă S, Leucuța D, Bondor C, et al. University Medical Publishing House Iuliu Hațieganu, Cluj-Napoca
10. Education for health in school - edited by Gh. Bucur, O. Popescu, Fiat Lux Publishing House 1999
11. ORDER no. 438/4629 of 2021 of the Minister of Health and the Minister of Education regarding the provision of medical assistance to preschoolers, students from pre-university education units and students from higher education institutions to maintain the health of communities and to promote a healthy lifestyle;
12. MS Order no. 1456/2020 for the approval of hygiene norms in units for the protection, education, training, rest and recreation of children and young people
13. MS ORDER no. 1,226 of December 3, 2012 for the approval of the Technical Norms regarding the management of waste resulting from medical activities and the Data Collection Methodology for the national database regarding waste resulting from medical activities
14. Law 46/2003, regarding patients' rights

9. Corroboration of the subject content with the expectations of the representatives of the epistemic community, professional associations, and major employers in the field of the programme of study

Skills acquired



1. Skills in performing a correct anamnesis, regarding the evolution of pregnancy and birth and the complete clinical examination of the newborn.
2. To use the acquired knowledge for the clinical examination, formulation of the diagnosis and therapeutic management of a new disease.
3. To know and interpret the changes in the physical and mental development of children.
4. Skills in drawing up a catagrophy for the immunization of children.
5. To learn the correct vaccination technique from the compulsory scheme of the Ministry of Health.
6. The ability to complete the medical forms that the family doctor works with (free compensated prescriptions, prescriptions with a special regime, medical leave certificates, medical certificates, premarital certificate).
7. To have communication skills with patients, regardless of the patient's age, with those in the patient's family, to be sure that the diagnosis and therapeutic plan were clearly understood.
8. Skilled in identifying patients with depression and at risk of suicide.
9. Skilled in conciliating lifestyle optimization to reduce the main risk factors in the general population (obesity, sedentary lifestyle, smoking, hypertension, sexually transmitted diseases).
10. Knowledge of the main aspects of family planning and contraception.
11. Knowing and performing some descreening methods for the main genetic diseases.
12. Knowing the main stages for preventing the complications of chronic diseases with an impact on the general population.
13. To have the ability to optimize the therapeutic plan in the functions of the patient's geriatric needs.
14. To have the ability to identify and create a therapeutic plan in case of medical-surgical emergencies.
15. To have the ability to optimize the therapeutic plan of patients with the latest scientific discoveries.
16. Ability to understand the psychopathology and treatment of different types of chronic pain.
17. To have the ability to communicate with doctors from other specialties, in order to transmit to them correct data regarding the symptoms, signs and results of investigations carried out on patients, in order to establish a multidisciplinary diagnosis and a correct therapeutic plan.

10. Assessment

Type of activity	Assessment criteria	Assessment methods	Assessment weighting within the final grade
Course	Exam, colloquium. Periodic check	Student evaluation is done through a written, descriptive examination with at least 10 topics covered.	100%
Clinical rotation		Student evaluation is done through oral examination, through the interpretation of a case.	The evaluation is done by the qualification "promoted" or "not promoted".

Minimum performance standard

Grade 5 involves attending the course and labs, according to the regulations, passing the lab evaluation and showing the minimum knowledge for passing

Date of filing

Signature of the course tenured coordinator

Signature of the seminar tenured coordinator

Date of approval in the

Signature of the Head of the



**The "Carol Davila" University of Medicine and Pharmacy Bucharest
The Quality Assurance Commission**

Council of the Department:

Department