



FIȘA DISCIPLINEI

1. Program Information

1.1.	UNIVERSITY OF MEDICINE AND PHARMACY “CAROL DAVILA”
1.2.	FACULTY OF MEDICINE
1.3.	DEPARTAMENTUL 7 – Pediatrie Genetica
1.4.	DISCIPLINA PEDIATRIE
1.5.	FIELD OF STUDY: Health – Sectorally regulated within the European Union
1.6.	STUDY CYCLE: Bachelor’s degree
1.7.	STUDY PROGRAM: Medicine

2. Course Information

2.1.	Course title in the curriculum: PEDIATRICS				
2.2.	Course code: DSV3M				
2.3.	Course type : (DF/DS/DC): DOS				
2.4.	Course status : (DOB/DOP/DFA): DOB				
2.5.	Course lecturers:				
2.6.	Seminar lecturers:				
2.7. Year of study	V	2.8. Semester	IX, X	2.9. Evaluation type (E/C)	E

3. Total estimated time (hours/semester of teaching activity and individual study/preparation)

1. Estimated Total Time (hours/semester of teaching activity and individual study/preparation)					
3.1. Hours per week	24	of which: 3.2. lectures	10	3.3. seminar/laboratory	14
3.4. . Total hours in the curriculum	190	of which:: 3.5. lectures	76	3.6. seminar/laboratory	114
Time distribution	8 weeks	of which:: lectures	2 hours daily	clinical practice	3 hours daily
Evaluare (nr. ore) :					
II. Individual preparation/study					
Time distribution					ore
Study of course materials, textbooks, books, minimal recommended bibliography					50
Additional research in the library or via internet					10
Preparation for projects, labs, assignments, reports					50
Preparation for presentations, assessments, final exam					30
Consultations					20
Alte activități					10
3.7. Total individual study hours					170 ore
3.9. Total hours per semester (3.4.+ 3.7.)			360		

3.10. Credits	9
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4. Prerequisites (where applicable)

4.1. curriculum	Knowledge of Pediatrics and Childcare
4.2. skills	General clinical examination of the pediatric patient, interpretation of paraclinical investigations, stating appropriate therapeutic principles

5. Conditions (where applicable)

5.1. Course venue	Auditorium and/or Lecture hall – Emergency Clinical Hospital for Children “M.S. Curie” – equipped with interactive whiteboard, monitors, computer, video projector
5.2. Seminar/laboratory venue	Pediatric Clinic of the Emergency Clinical Hospital for Children “M.S. Curie”

6. Learning Outcomes*

Knowledge	Skills	Responsibility and autonomy
- Explains growth and development features in children and adolescents. - Describes the etiology, pathophysiology, and clinical features of major pediatric diseases. - Lists principles of prevention, diagnosis, and treatment in common pediatric conditions. - Integrates immunology and vaccinology concepts into pediatric medical practice.	- Correctly performs anamnesis and complete physical examination in children, adapted to age. - Interprets clinical and paraclinical data for presumptive diagnosis. - Formulates an appropriate therapeutic plan according to current medical guidelines. - Uses proper communication techniques with child, family, and medical team.	- Recognizes pediatric emergencies and initiates immediate measures within competence limits. - Respects principles of ethics, deontology, and confidentiality in the doctor–child patient relationship. - Demonstrates responsibility for medical practice and the impact of decisions on child health. - Makes justified clinical decisions in usual situations. - Self-assesses performance and recognizes limits of own competence, seeking supervision when needed. - Actively engages in continuous learning and long-term professional development.

7. Course Objectives (correlated with learning outcomes)

7.1. General Objective:	Acquisition of theoretical knowledge and practical skills necessary for recognizing, diagnosing, and treating major pediatric conditions, and developing a responsible and ethical attitude towards children, families, and community.
7.2. Specific Objectives	1. Understands growth and development in children. - Explains features of growth and development in children and

	adolescents. - Correctly performs anamnesis and age-adapted clinical examination. 2. Identifies main signs and symptoms of pediatric diseases. - Describes clinical features of major pediatric diseases. - Interprets clinical and paraclinical data (laboratory tests, imaging) and identifies the main pathological changes of the ECG in children and adolescents. 3. Applies principles of diagnosis and treatment in common pediatric diseases. - Formulates therapeutic plans according to medical guidelines. - Recognizes emergencies and initiates immediate measures. 4. Communicates effectively with pediatric patients and their families. - Uses age-appropriate communication techniques. - Respects principles of ethics and confidentiality. 5. Demonstrates responsibility and commitment to continuous learning. - Makes evidence-based clinical decisions. - Self-assesses performance and recognizes competence limits. - Engages in lifelong learning and professional development.
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8. Content

8.1. Lectures	Teaching methods	Remarks
1. Approach to the pediatric patient	Oral presentation with multimedia support. Interactive discussions	
2. Growth and development	Oral presentation with multimedia support. Interactive discussions	
3. The normal newborn. Neonatal jaundice	Oral presentation with multimedia support. Interactive discussions	
4. Child nutrition	Oral presentation with multimedia support. Interactive discussions	
5. The pathological newborn	Oral presentation with multimedia support. Interactive discussions	
6. Immunodeficiency syndromes. Vaccines	Oral presentation with multimedia support. Interactive discussions	
7. Genetic and metabolic disorders	Oral presentation with multimedia support. Interactive discussions	
8. Malnutrition. Rickets	Oral presentation with multimedia support. Interactive discussions	
9. Congenital heart diseases	Oral presentation with multimedia support. Interactive discussions	
10. Arrhythmias	Oral presentation with multimedia support. Interactive discussions	
11. Hypertension in children	Oral presentation with multimedia support. Interactive discussions	

12. Heart failure in children	Oral presentation with multimedia support. Interactive discussions	
13. Cardiomyopathies	Oral presentation with multimedia support. Interactive discussions	
14. Upper respiratory tract infections. Acute bronchiolitis	Oral presentation with multimedia support. Interactive discussions	
15. Acute pneumonia I (bacterial, interstitial, atypical)	Oral presentation with multimedia support. Interactive discussions	
16. Acute pneumonia II (bacterial, interstitial, atypical)	Oral presentation with multimedia support. Interactive discussions	
17. Recurrent wheezing. Bronchial asthma. Cystic fibrosis	Oral presentation with multimedia support. Interactive discussions	
18. Hemorrhagic syndromes. Hemorrhagic disease of the newborn	Oral presentation with multimedia support. Interactive discussions	
19. Anemias	Oral presentation with multimedia support. Interactive discussions	
20. Lymphomas. Solid tumors	Oral presentation with multimedia support. Interactive discussions	
21. Acute leukemia	Oral presentation with multimedia support. Interactive discussions	
22. Pediatric rheumatology (JIA, lupus, ARF, vasculitis)	Oral presentation with multimedia support. Interactive discussions	
23. Shock in pediatrics	Oral presentation with multimedia support. Interactive discussions	
24. Cardiopulmonary resuscitation	Oral presentation with multimedia support. Interactive discussions	
25. Adolescent medicine. Obesity	Oral presentation with multimedia support. Interactive discussions	
26. Acute diarrheal diseases	Oral presentation with multimedia support. Interactive discussions	
27. Chronic diarrhea and malabsorption syndromes	Oral presentation with multimedia support. Interactive discussions	
28. Gastroesophageal reflux. Gastritis	Oral presentation with multimedia support. Interactive discussions	
29. Chronic hepatitis. Liver cirrhosis	Oral presentation with multimedia support. Interactive discussions	
30. Urinary tract infection. Vesicoureteral reflux	Oral presentation with multimedia support. Interactive discussions	
31. Nephritic syndrome. Glomerulonephritis	Oral presentation with multimedia support. Interactive discussions	
32. Nephrotic syndrome. Proteinuria	Oral presentation with multimedia support. Interactive discussions	
33. Acute renal failure. Chronic renal failure	Oral presentation with multimedia support. Interactive discussions	
34. Diabetes mellitus	Oral presentation with multimedia support. Interactive discussions	
35. Acute respiratory failure. Poisoning	Oral presentation with multimedia support. Interactive discussions	
Recent bibliography:		

1.Curs de Pediatrie pentru Studenti, coordonator: prof univ dr Doina Anca Plesca, Editura Universitara „Carol Davila”, Bucuresti, 2017, ISBN 978-973-708-952-6, volumele nr.1 si 2 2.Protocoale de diagnostic si tratament in pediatrie, coordonator prof dr Doina Anca Plesca, Editura Amaltea, București, 2025 3. Esentialul in pediatrie, Editia a 4-a, Eugen Ciofu, Carmen Ciofu, Editura Medicală Almatea, Bucuresti, 2017, ISBN: 978-973-162-169-2 4. Tratat de Pediatrie, coordonator :prof. dr. Doina Anca Plesca, Editura Medichub Media, ISBN 978-606-95260-0-2 5. Vaccinologie pediatrica, coordonator științific Prof.Univ.Dr. Doina Anca Pleșca, Viața Medicală, EdituraMedichub Media, București, 2022 6. Tratat de Pediatrie, coordonatori Prof.Univ.Dr. Florea Iordăchescu, Prof.Univ.Dr. Adrian Georgescu, Prof.Univ.Dr. Ingrith Miron, Prof.Univ.Dr. Otilia Mărginean, Editura ALL; București, 2019		
8.2. Laboratory/Practical work	Teaching methods	Remarks
1. Approach to the pediatric patient	Practical training at the patient's bedside (anamnesis, clinical examination, diagnosis, treatment plan)	
2. Growth and development		
3. The normal newborn. Neonatal jaundice		
4. Child nutrition	Clinical case demonstrations by the teaching staff	
5. The pathological newborn		
6. Immunodeficiency syndromes. Vaccines		
7. Genetic and metabolic disorders	Case discussions and problem-based learning (differential diagnosis, complications, management)	
8. Malnutrition. Rickets		
9. Congenital heart diseases		
10. Arrhythmias	Participation in daily medical rounds in pediatric wards	
11. Hypertension in children		
12. Heart failure in children		
13. Cardiomyopathies	Interactive teaching – questions and answers during lectures and practical sessions	
14. Upper respiratory tract infections. Acute bronchiolitis		
15. Acute pneumonia I (bacterial, interstitial, atypical)		
16. Acute pneumonia II (bacterial, interstitial, atypical)	Oral presentations by students to encourage critical thinking and medical communication	
17. Recurrent wheezing. Bronchial asthma. Cystic fibrosis		
18. Hemorrhagic syndromes. Hemorrhagic disease of the newborn		
19. Anemias	Use of visual materials (X-rays, ultrasounds, charts)	
20. Lymphomas. Solid tumors		
21. Acute leukemia		
22. Pediatric rheumatology (JIA, lupus, ARF, vasculitis)	Simulations/practical procedures (e.g., pediatric cardiopulmonary resuscitation)	
23. Shock in pediatrics		
24. Cardiopulmonary resuscitation		
25. Adolescent medicine. Obesity		
26. Acute diarrheal diseases		
27. Chronic diarrhea and malabsorption syndromes		
28. Gastroesophageal reflux. Gastritis		
29. Chronic hepatitis. Liver cirrhosis		

30. Urinary tract infection. Vesicoureteral reflux		
31. Nephritic syndrome. Glomerulonephritis		
32. Nephrotic syndrome. Proteinuria		
33. Acute renal failure. Chronic renal failure		
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9. Evaluation

Activity type	9.1. Evaluation criteria	9.2. Evaluation methods	9.3. Weight in final grade
9.4. Lecture:	Knowledge of theoretical concepts	Multiple-choice exam	75%
9.5. Seminar/ laborator	Performing anamnesis and clinical exam in children, correlating with paraclinical results, stating treatment principles	Oral exam in front of professor and group assistant	25%
9.5.1. Individual project (if any):	None		
9.6. Minimum performance standard:			
At least 50% in each evaluation component			

Data completării: **Semnătura titularului de curs**
Data avizării în Consiliul
Departamentului

Semnătura titularului de laborator
Semnătura
directorului de departament