

Aprob  
Şef Catedra Boli infecţioase  
USMF „Nicolae Testemiţanu”,  
dr. hab. ş. med., conf. universitar  
29.08.2022 \_\_\_\_\_ Gheorghe Plăcintă

**The thematic study plan and the distribution of hours for students of the study  
program Medicine 2, year VI, discipline Infectious diseases in children, 2022-2023**

Infectious Diseases in Children is one of the disciplines in the academic training of the beneficiaries which will allow the perfect knowledge of infectious diseases in children, regardless of the specialty they will choose later, with a field of integration and implementation of fundamental knowledge (pathophysiology, microbiology, molecular biology, pediatrics, epidemiology, pharmacology, etc.) in clinical practice. This discipline studies the etiology, pathogenesis, clinical manifestations, evolution, treatment and prophylaxis of infectious diseases in children as well as age peculiarities.

The student acquires practical skills in examining and investigating the patient with infectious diseases, in estimating the results, in early diagnosis of infectious diseases, emergency medical assistance and treatment of the sick child according to the age and severity of the disease.

- **Mission in professional training**

To provide students with knowledge about the pathogenic agents - human organism conflict, particularities of reactivation of the macro-organism, cultivation of skills, habits in specific diagnostic opportunities and treatment, measures for the prevention of infectious diseases in children.

## **I. MANAGEMENT OF THE DISCIPLINE**

Code of discipline		<b>S.12.O.100</b>	
Name of the discipline		<b>INFECTIOUS DISEASES IN CHILDREN</b>	
Person(s) in charge of the discipline		MD, PhD, Associate Professor, Gheorghe Plăcintă	
Year	<b>VI</b>	Semester/Semesters	<b>XI-XII</b>
Total number of hours, including:			<b>90</b>
Lectures	<b>20</b>	Practical hours	<b>20</b>
Seminars	<b>20</b>	Self-training	<b>30</b>
Form of assessment	<b>E</b>	Number of credits	<b>3</b>

## II. THEMES AND ESTIMATE ALLOCATION OF HOURS

### *Lectures, seminars and self-training*

No. d/o	THEME	Number of hours		
		Lectures	Practical hours	Self- training
1.	Rules for hospitalization, distribution in wards and discharge of children with infectious diseases, documentation. Patient care. Clinical observation sheet. Vaccination schedule in the Republic of Moldova.	-	1	2
2.	<b>Infectious gastrointestinal diseases in children</b> (acute diarrheal disease - ADD). Shigellosis. Salmonellosis. Escherichiosis. Acute diarrhea with staphylococci, conditionally pathogenic enterobacteria and viruses. Classification of clinical forms. Peculiarities of evolution, clinical picture, treatment in children. Dehydration syndrome, pathogenesis, clinical picture, diagnosis, treatment. Oral rehydration.	2	5	7
3.	<b>Viral hepatitis A in children.</b> Etiopathogenesis. Clinical periods. Classification of clinical forms of acute viral hepatitis. Clinical picture. Clinical syndromes. Clinical and evolutions features. Differential diagnosis. Diagnostic. Treatment. Prophylaxis.	2	3	2
4.	<b>Streptococcal infection in children.</b> Scarlet fever. Etiopathogenesis. Classification of clinical forms of scarlet fever. Clinical syndromes. Clinical picture. Clinical features and evolution according to age. Differential diagnosis. Diagnostic. Treatment. Prophylaxis.	2	2	2
5.	<b>Measles in children. Rubella in children. Congenital rubella.</b> Etiopathogenesis. Classification of clinical forms. Clinical picture. Clinical features and evolution according to age. Differential diagnosis. Diagnostic. Treatment. Prophylaxis.	2	2	2
6.	<b>Diphtheria in children.</b> Etiopathogenesis. Classification of clinical forms of diphtheria. Clinical picture. Clinical features and evolution according to age. Differential diagnosis with infectious diseases with angina syndrome. Diagnostic. Treatment. Prophylaxis.	2	2	1
7.	<b>Peculiarities of influenza and ARVI in children.</b> Etiopathogenesis. Classification of clinical forms of influenza and ARVI. Clinical picture. Clinical syndromes. Clinical features and evolution according to age. Differential diagnosis with COVID-19 infection. Diagnostic. Treatment. Prophylaxis.	2	4	2
8.	<b>Mumps in children.</b> Etiopathogenesis. Classification of clinical forms of mumps. Clinical picture. Differential diagnosis. Diagnostic. Treatment. Prophylaxis.	2	2	2
9.	<b>Pertussis (whooping cough). Parapertussis.</b> Etiopathogenesis. Classification of clinical forms of whooping cough. Clinical picture. Clinical features and evolution according to age. Differential diagnosis. Diagnostic. Treatment. Prophylaxis.	2	2	2

No. d/o	THEME	Number of hours		
		Lectures	Practical hours	Self- training
10.	<b>Chickenpox. Shingles. Herpes simplex infection in children.</b> Etiopathogenesis. Classification of clinical forms of chickenpox and other herpes infections. Clinical picture. Clinical features and evolution according to age. Differential diagnosis. Diagnostic. Treatment. Prophylaxis.	2	3	2
11.	<b>Enteroviral infections (EI) non-polio (enteroviruses). Poliomyelitis.</b> Etiopathogenesis. Classification of clinical forms of enteroviruses, poliomyelitis. Clinical picture. Clinical features and evolution according to age. Differential diagnosis. Diagnostic. Treatment. Prophylaxis.	-	4	2
12.	<b>Meningococcal infection in children.</b> Etiopathogenesis. Classification of clinical forms of meningococcal infection. Clinical picture. Clinical features and evolution according to age. Emergencies (septic shock, acute cerebral edema). Differential diagnosis. Laboratory diagnosis. Treatment. Prophylaxis.	2	4	2
13.	<b>Practical skills.</b>	-	4	2
14.	<b>Test.</b>	-	2	
<b>Total</b>		<b>20</b>	<b>40</b>	<b>30</b>

**Final:** Exam by module. The modality / Final grade will consist of the average grade from 2 control assessments and individual work (part 0.5), the final test in a computer system (part 0.2) and practical skills (part 0.3).

## RECOMMENDED LITERATURE:

### A. Compulsory:

1. Harrison's infectious Diseases / editors: Dennis L. Kasper, Anthony S. Fauci. – 3rd ed. New York: McGraw-Hill Education, 2017.
2. Infectious diseases in children. A. M. Mikhailova, I. P. Minkov, A. I. Savchuk. Odessa State Medical University, 2003.

### B. Additional:

1. Galina Rusu (redacția III). Manual. Boli infecțioase la copii, Chișinău, 2021.
2. Chiotan, M. Boli infecțioase.- București: Ed. Național, 2011.
3. Culegere de teste la boli infecțioase la copii sub redacția G.Rusu, USMF „Nicolae Testemițanu”, 2016.
4. Boli infecțioase la copii: (ghid practic pentru studenți) / sub red.: Galina Rusu USMF „Nicolae Testemițanu”, 2015.
5. Boli infecțioase. Curs pentru studenți și medici rezidenți / sub redacția Adrian Streinu-Cercel, Victoria Aramă, Petre Iacob Calistru. București : Editura Universitară „Carol Davila”, 2019.
6. Учайкин В.Ф. Инфекционные болезни у детей: Учебник / В.Ф. Учайкин, О.В.Шамшева. - Москва: ГЭОТАР-Медия, 2018.
7. Protocoale clinice naționale