



FIȘA DE DISCIPLINĂ

1.-Date despre program

FUNDAȚIA PENTRU DEZVOLTARE ȘI MANAGEMENT		
1.2-Facultatea	FACULTATEA DE MEDICINĂ	
1.3 -Departamentul	Clinic/Disciplin de specializare	
1.4 -Domeniul de studiu	Sănătate	
1.5 -Ciclul de studiu	Licență	
1.6 -Program de studii/ Calificare	Medicină	

2.-Info about discipline

2.1- Name of the discipline				INFECTIOUS DISEASES				
2.2-Course lecturer				Lect. Dr. Ghibu Laura , MD, PhD				
2.3-Seminary lecturer				Lect. Dr. Ghibu Laura , MD, PhD				
2.4-Year of study	VI	2.5 Semester	II	2.6 Evaluation type	Exam	2.7. Discipline regime	Content	DS
							Mandatory	DOB

3. -Total time (hours of didactic activity per semester)

3.1-Number of hours per week	4	3.2 -course	2	3.3- laboratory	2
3.4-Total hours of the curriculum	56	3.5 -course	28	3.6 -laboratory	28
Distribution of time					Hours
Study after manual, course support, bibliography and notes					25
Additional documentatin in the library, on the specialized electronic platforms and on the field					15
Training seminars/laboratories/projects, themes, papers,portofolios and essays					2
Tutoring					-
Examination					2
Other activities					-
3.7-Individual study hours	44				
3.8-Total hours per semester	125				
3.9-Credit number	5				

4.-Preconditions (if applicable)

4.1.-Curriculum	To cover the curricula of the fundamental disciplines (microbiology, immunology, pathophysiology, pharmacology, etc.) and of the other specialties, since infectious pathology can affect any organ or an infectious disease can occur in the context of any co-morbidity that can decompensate it or in any immunodepressed patient (oncologic, autoimmune, etc.)
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4.2.-Learning Outcomes	Recognize organ damage; be able to intervene promptly or refer the patient to the specialty where the most effective action can be taken to save life or the affected organ
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5.-Conditions (where applicable)

5.1. -Course Conduct	<ul style="list-style-type: none"> •Conditions for active and interactive learning, teaching activities conducted in a heuristic, problem-solving spirit; •-Lecture hall/amphitheater, teaching aids (PC, video projector, whiteboard), teaching materials: PowerPoint presentation, educational film.
5.2.-conducting the seminar/laboratory	<ul style="list-style-type: none"> •-Conditions for practical-applied learning, in a heuristic, problem-solving spirit; •-Acces in Infectious Diseases Clinic •-The date for the practical exam is set by the professor, in agreement with the students.

6. Learning outcomes

Knowledge	Identifies, describes, explains and evaluates etiopathogenic mechanisms, clinical and paraclinical manifestations, diagnostic and treatment principles specific to medical conditions (internal medicine, cardiology, gastroenterology, nephrology, hematology, pulmonology, infectious diseases and family medicine).
Skills	Demonstrates, adapts and integrates the theoretical concepts and practical skills necessary for the diagnosis, treatment and monitoring of patients, using specific clinical and paraclinical methods and techniques.
Responsibilities and autonomy	Plans, applies and coordinates, under appropriate supervision, integrated medical interventions, assuming responsibility and collaborating interdisciplinary.

7.-Objectives of the discipline (resulting from the grid of specific skills accumulated)



7.1 -General objective of the discipline	<ul style="list-style-type: none"> •Aspects related to etiopathogenesis, epidemiology, clinical manifestations, positive and differential diagnosis, complications and sequelae, etiological, pathogenic and symptomatic treatment of the main respiratory, digestive and neurological infectious diseases; Current data on new viral etiologies, emerging and re-emerging infections.
7.2- Specific objectives	<ul style="list-style-type: none"> •Correct use of the specific notions of Epidemiology (epidemiological process; sources of pathogens; transmission routes; stimulating factors, forms of manifestation of epidemiological processes); --Description of the epidemiological process involved in pathologies with risk of occupational transmission to medical personnel --Identification of general/specific prevention measures applicable in communicable pathologies, including healthcare-associated infections; --Knowledge of the benefits and risks of active immunization in preventing/combating infectious pathology; --Knowledge of decontamination/sterilization methods and their applicability; --Knowledge of the risk of transmission of infectious diseases: influenza, viral hepatitis, HIV infection. --Notions regarding nosocomial infections. --Prevention and dispensary, screening. --Familiarize students with elementary notions of water and air hygiene, notions that they will use in professional practice.

8.-Contents

8. 1-Course (homework, number of hours, bibliography)	hours /2 week	Teaching methods
1-2.-Introductory notes on etiopathogenesis, epidemiology, clinical manifestations, positive and differential diagnosis, complications and sequelae, etiological, pathogenic and symptomatic treatment of the main respiratory, digestive and neurological infectious diseases; Current data on new viral etiologies, emerging and re-emerging infections. Forms of manifestation of the epidemiological process. General measures to prevent and combat communicable diseases.	4	active- interactive - PowerPoint presentation (PPT)
3-4.-Airborne infectious diseases. Flu. Measles. Rubella. Streptococcal infections. angina pectoris. (Epidemiological process, clinical signs of recognition, prevention, combat). Infectious diseases with digestive entrance portal. (BDA)	4	



<p>- Acute diarrheal disease. - Dysentery (epidemiological process, clinical signs of recognition, complications, prevention, combat).</p>		
<p>5-6.-Reactive arthritis. Psoriatic arthritis. Microcrystal-induced arthritis: gout, pseudogout, chondrocalcinosis - diagnosis, signs and symptoms, treatment</p>	4	
<p>7-8.-Food poisoning -Typhoid fever: etiology, clinic, laboratory diagnosis, differential diagnosis, treatment, prophylaxis. Cholera. -Infectious diseases with parenteral transmission. Acute viral hepatitis (enteral and parenteral).</p>	4	
<p>9-10.-Healthcare-associated (nosocomial) infections.Vaccinoprohylaxis in infectious diseases. Advice on vaccination against infectious diseases. Acute bacterial meningitis. Viral meningitis. Encephalitis. Poliomyelitis. tetanus. Septicemia. Septic shock.</p>	4	
<p>11-12.-Clinical laboratory in infectious diseases Bases of laboratory diagnosis in infectious diseases; Methods and techniques for establishing the etiological diagnosis, with their advantages and limitations; Selection of laboratory investigations for the diagnostic approach. Mononucleosis syndromes. Infectious mononucleosis - EBV, CMV; Toxoplasmosis: etiopathogenesis, epidemiology, clinical picture, clinical forms, evolution, complications, prognosis, treatment, prophylaxis.</p>	4	
<p>13-14. -Mumps disease.Human immunodeficiency virus infection etiology, pathogenesis, immunopathology, epidemiology, clinical aspects, classification of hiv infection in adults, children, positive diagnosis, infection monitoring, treatment, primary prophylaxis, secondary opportunistic infections.</p>	4	
<p>Mandatory bibliography: 1.-Ceaușu Emanoil.Treatise on infectious diseases. Vol.I,Ed.Etna,2018. 2.-Cercel, Adrian Streinu . Infectious diseases, volume I and II. Course for students and resident doctors. Publisher: Carol Davila, 2019. 3.-Dorobăț Carmen Mihaela et all: Infectious diseases. Diagnosis and treatment, "Gr.T.Popa" Publishing House, U.M.F. Iasi, 2012. Optional bibliography: 1.-Arbune, M. Particularities of HBV infections, HCV, HIV, Galati, 2014. 2.-Elaine C. Jong, Dennis L. Stevens. Netter's Infectious Diseases, 2021 - https://worldscholarshub.com/ro/free-medical-books-pdf/</p>		
<p>8. 2- Seminar (themes, number of hours, bibliography</p>	<p>hours /week</p>	<p>Teaching methods</p>



1.-Presentation of universal precautions for the prophylaxis of nosocomial infections transmitted through blood and other biological fluids from patients. Presentation of non-specific measures to prevent the transmission of infectious diseases by air and digestive routes.	2	Lecture, case study
2.-Practical applications regarding the means and methods of decontamination/sterilization and verification of their efficiency. Practical applications regarding the knowledge of vaccines and the development of an immunization plan.	2	
3.-Clinical and paraclinical evaluation of the patient with infectious disease. Patient surveillance: temperature, pulse, breathing, blood pressure, diuresis, stool, urine, sputum. Recognition of clinical and paraclinical signs in airborne eruptive diseases (measles, rubella, chickenpox, scarlet fever). Presentation of the case.	2	
4.-Recognition of clinical signs of diseases with oropharyngeal changes (parotitis, infectious mononucleosis, infectious stomatitis).	2	
5.-Febrile eruptive syndrome: (scarlet fever, measles, rubella) Practical applications for the recognition of healthcare-associated infections.	2	
6.-Interstitial pneumonia: (respiratory viruses, influenza, other pneumonia) .	2	
7.-Recognition of clinical and laboratory signs in meningitis and encephalitis	2	
8.-Febrile jaundice syndrome. Positive and differential diagnosis: (acute viral hepatitis, leptospirosis) prolonged febrile syndrome: (urinary, biliary, skin infections).	2	
9.-Hydroelectrolyte and acid-base rebalancing in diarrheal diseases: (invasive and non-invasive diarrheal diseases) antibiotic therapy in infectious diseases.	2	
10.-Management of HIV infection. Recognition and management of infections, including opportunistic infections in the HIV-positive patient and infection risk management. Specific diagnoses of HIV infection. Specific therapies for patients with HIV infection.	2	
11.-Staphylococcal sepsis, with gram-negative germs, etiologically undetermined, echo infections, coxskie, poliomyelitis.	2	
12.-Therapeutic attitude in infectious shock.	2	
13.-Vaccination . Advice on vaccination against infectious diseases.	2	



14.-Medicines for travellers.Recognition and management of imported infections and recognition of non-communicable disease issues in immigrants in low-resource shelters. Advice on pre-travel precautions, including vaccination. Recognize and treat imported infections. Medical advice for people who travel	2	
Mandatory bibliography: 1.-Ceașu Emanoil.Treatise on infectious diseases. Vol.I,Ed.Etna,2018. 2.-Cercel, Adrian Streinu . Infectious diseases, volume I and II. Course for students and resident doctors. Publisher: Carol Davila, 2019. 3.-Dorobăț Carmen Mihaela et all: Infectious diseases. Diagnosis and treatment, "Gr.T.Popa" Publishing House, U.M.F. Iasi, 2012. Optional bibliography: 1.-Arbune, M. Particularities of HBV infections, HCV, HIV, Galati, 2014. 2.-Elaine C. Jong, Dennis L. Stevens. Netter's Infectious Diseases, 2021 - https://worldscholarshub.com/ro/free-medical-books-pdf/		



9.-Corroborating/validating the contents of the discipline with the expectations of the representatives of the epistemic community, professional associations and employers representative of the field related to the program

The contents of the discipline are in accordance with the RNCIS standards.

10.-Evaluation

Activity Type	10.1-Evaluation criteria	10.2-Evaluation methods	10.3-Weight of the final grade
10.4-Course	Final and mid-term evaluation	Written exam	50%
10.5 Seminar/laborator	Mastery of the problems addressed in the practical work	Practical test	30%
10.6- Project		Project presentation - oral, power point presentation	20%
10.6- Minimum Performance Standard :			
Promotion with a minimum score of 5			



Date: 28.04.2025	Signature of the discipline coordinator:  Lect. Dr. GHIBU Laura , MD, PhD	Holder of the seminar activities: Lect. Dr. GHIBU Laura , MD, PhD 
Date of approval in the Department		
Signature of the Director of Department		

Reprezentant legal F.D.M.
Presedinte
Prof. Univ. Dr. POSTĂVARU Nicolae

