
		UNIVERSITY OF EAST SARAJEVO Faculty of Medicine in Foča					
		Study program: medicine					
		Integrated academic studies		IV study year			
Full subject title		Infective diseases with special Epidemiology					
Department		Department of Internal medicine and Pediatrics, Faculty of Medicine Foča					
Subject code			Subject status		Semester		ECTS
ME-02-1-037-7; ME-02-1-037-8			compulsory		VII, VIII		6
Professor/ -s		Prof. Dr. Siniša Sević, full professor; prof. Assoc. Dr. Goran Stevanović, associate professor; prof. Dr. Ksenija Bojović, associate professor;					
Associate/ -s		Svjetlana Subotić, senior assistant; Jelena Firesku-Govedarica, MD.					
Number of lectures/ teaching workload (per week)			Individual student workload (in hours per semester)			Coefficient of student workload S₀¹	
L	E	SP	L	E	SP	S₀	
1	2	0	1*15*1	2*15*1	0*15*1	1	
2	1	0	2*15*1	1*15*1	0*15*1	1	
total teaching workload (in hours, per semester) 1*15 + 2*15 + 0*15 = 45 2*15+1*15+0*15=45			total student workload (in hours, per semester) 1*15*1 + 2*15*1 + 0*15*1 = 45 2*15*1 + 1*15*1 + 0*15*1 = 45				
Total subject workload (teaching + student):90 + 9=180 hours per semester							
Learning outcomes		(mastering the subject, the student will be able to: ... min. 4 outcomes) 1. Recognise disease clinical signs 2. Implement diagnosis and treatment measures of infective diseases					
General competences		They possess broad fundamentals of theoretical knowledge and practical skills, preparing them for any type of postgraduate education as well as for collaboration with other medical professionals. They are prepared for further development and advances within the field of medicine. They have acquired a systemic thinking approach as well as a structured approach to medical problems during their education. They are acquainted with a specific diagnostic algorithm. They are capable of making appropriate therapeutic decisions. They are capable of acting in accordance with rational and scientific concepts and principles. They are eager to dedicate themselves to the field of medicine and accept responsibility for the physical, mental and social well-being of their patients. They are respectful to the patients regardless of their gender, age, race, social and economic status, education, culture or religion. They advocate for the patient's right to participate fully in medical treatment decisions, including the right to the refusal of care or participation in the process of education and scientific research. They are capable of expressing themselves and communicating in a manner that is both understandable and acceptable to the patient. They are prepared for accepting responsibility and appropriate medical decision-making. They are acquainted with health improvement and disease prevention and are eager to make medical professionals adopt more positive attitude towards it. They have adopted attitudes and gained understanding of their personal limitations in accordance with the previous education and experience. They are eager to collaborate with other medical professionals. They are conscious of the necessity for continuous learning and improvement process to maintain a high level of medical competence. They are eager to train the colleagues and improve their own teaching skills. They adhere to legal requirements regarding ongoing theoretical and practical training.					
Preconditions		Precondition for taking the exam is passed exam of Special Farmacology and Toxicology					
Teaching methods		Oral lectures and exercises					
Subject content per week		Lectures 1. Introduction to Infectious Diseases (The most important clinical symptoms in infectious diseases. Principles of diagnosis, treatment, and prevention of infectious diseases).					

¹The coefficient of student workload S_o is calculated as it follows:

- a) for the study programs not going through the licensing process: $S_o = (\text{total workload in semester for all of the subjects } 900 \text{ hrs} - \text{total teaching workload } L+E \text{ in semester for all of the subjects } 870 \text{ hrs}) / \text{total teaching workload } L+E \text{ in semester for all of the subjects } \text{ hrs} = \text{ }.$ Consult form content and its explanation.
b) for the study programs going through the licensing process, it is necessary to use form content and its explanation.

2. Respiratory System Infections (Respiratory tract infections. Pertussis. Influenza A and B. Parainfluenza. Mumps).
3. Streptococcal and Staphylococcal Infections (Erysipelas. Scarlet fever. Staphylococcal skin infections. Staphylococcal toxic shock syndrome).
4. Infections Caused by Spirochetes (Infections caused by *Leptospira* and *Borrelia*).
5. Intoxications and Digestive System Infections (Bacterial food poisoning. Bacillary and amoebic dysentery, viral enterocolitis).
6. Digestive System Infections (Typhoid fever, paratyphoid fever, and other salmonellosis. Cholera. Pseudomembranous colitis).
7. Liver Infections (Acute viral hepatitis).
8. Chronic Viral Hepatitis (Chronic hepatitis B and C).
9. Central Nervous System Infections (Meningeal syndrome, lumbar puncture, cerebrospinal fluid findings. Bacterial meningitis with clear cerebrospinal fluid).
10. Central Nervous System Infections (Viral encephalitis).
11. Central Nervous System Infections (Bacterial meningitis with cloudy cerebrospinal fluid).
12. Central Nervous System Infections (Viral meningitis. Infections caused by enteroviruses, poliomyelitis, infections by ECHO and Coxsackie viruses).
13. Anaerobic Infections and Intoxications (Tetanus. Botulism. Gas gangrene).
14. Sepsis and Septic Shock.
15. Viral Rash Fevers (Morbilli. Rubella. Variola. Exanthema subitum. Erythema infectiosum).
16. HIV, AIDS, and Infections in Immunocompromised Individuals.
17. Infections Caused by Herpes Viruses (Varicella zoster, Herpes simplex, and cytomegalovirus infection).
18. Infectious Mononucleosis and Diphtheria.
19. Viral Hemorrhagic Fevers.
20. Zoonoses (Anthrax, Brucellosis, Listeriosis, Q fever).
21. Infections Caused by Protozoa.
22. Infections Caused by Metazoa (Trichinellosis, Teniasis, Cysticercosis).
23. Infections in Pregnancy.
24. Intrahospital Infections.
25. Epidemiological Characteristics, Prevention, and Control of Respiratory Infectious Diseases.
26. Epidemiological Characteristics, Prevention, and Control of Respiratory Infectious Diseases.
27. Epidemiological Characteristics, Prevention, and Control of Intestinal Infectious Diseases.
28. Epidemiological Characteristics, Prevention, and Control of Zoonoses.
29. Epidemiological Characteristics, Prevention, and Control of Vector-Borne Infectious Diseases.
30. Epidemiological Characteristics, Prevention, and Control of Sexually Transmitted Infections.

Exercises

1. Specificities of anamnesis taking in patients with infectious diseases
2. Physical examination of patients with infectious diseases
3. Specifics of outpatient and clinical work with patients suffering from infectious diseases.
4. Respiratory infections (viral).
5. Respiratory infections (bacterial).
6. Viral exanthemous fevers.
7. Infections caused by herpes viruses.
8. Intoxications of the digestive system.
9. Acute viral hepatitis.
10. HIV and AIDS: Opportunistic infections and tumors.
11. Unclear febrile conditions in infectious diseases.
12. Imported tropical diseases and isolation measures.
13. Specifics of antimicrobial therapy in infectious diseases.
14. Viral infections of the central nervous system.
15. Urgent conditions in infectious diseases.
16. Seminar: Varicella. Herpes zoster.
17. Seminar: Influenza. Pandemic influenza (H1N1).
18. Infectious mononucleosis.
19. Infections of the digestive system.
20. Chronic viral hepatitis.
21. Therapy of HIV infection and AIDS.
22. Principles of microbiological diagnosis in infectious diseases.
23. Intrahospital infections.
24. Leptospirosis and viral hemorrhagic fevers.
25. Sepsis and Septic Shock.
26. Tetanus and botulism as urgent conditions in infectology.

	27.	Bacterial infections of the central nervous system.			
	28.	Care for critically ill patients with infectious diseases in intensive care.			
	29.	Seminar: Pseudomembranous colitis. Fulminant viral hepatitis.			
	30.	Seminar: West Nile Encephalitis. Focal infections of the central nervous system.			
Compulsory literature					
Author/s		Publication title, Publisher		Year	Pages (from-to)
M.Božić, Lj.Dokić, S.Nikolić		Infective diseases, Belgrade		2013	
Additional literature					
Author/s		Publication title, Publisher		Year	Pages (from-to)
Student responsibilities, types of student assessment and grading	Grading policy			Points	Percentage
	Pre-exam activities				
	lecture/exercise attendance			30	30%
	seminar paper			20	20%
	Final exam				
	test			10	10%
	practical exam			10	10%
	oral			30	30%
Total			100	100 %	
Certification date	June 17th 2024				

* the number of necessary rows is added by using *insert mode*