

Study program: integrated academic studies in medicine			
Type and level of the study program: integrated academic studies			
Course title: Infectious diseases (M4-INFD)			
Teacher: Vesna S. Turkulov, Grozdana J. Čanak, Milotka J. Fabri, Snežana V. Brkić, Maja S. Ružić, Daniela T. Marić			
Course status: compulsory			
ECTS Credits: 8			
Condition: Microbiology and immunology; Pathophysiology; Clinical propedeutics (exam); Radiology (exam); General pharmacology (exam)			
Course aim The aim of the course in Infectious diseases is to train students to identify and treat patients suffering from infectious diseases, obtain medical history, perform clinical examinations, identify acute and chronic infectious diseases.			
Expected outcome of the course: Students get acquainted with features of infectious diseases, etiology, epidemiology, pathogenesis, clinical picture, clinical manifestations, diagnostic and therapeutic approaches to well known as well as newly detected diseases in common and emergency situations. Students are trained for appropriate history taking, with special emphasis on the present disease with dates and systems in epidemiological questionnaire; physical examination with meningeal signs and neurologic exam.			
Course description <i>Theoretical education</i> Introduction to infectious diseases 2. Angina syndrome and diphtheria 3. Streptococcal diseases and Erysipelas 4. Scarlatina 5. Influenza syndrome, SARS 6. Atypical pneumonias and Pertussis 7. Epidemic parotitis 8. Anthroozoonoses (anthrax, brucellosis, tularemia, malleus, plague) 9. Toxoplasmosis 10. Hemorrhagic fevers 11. Rickettsiosis, Brill-Zinsser disease 12. Fever of unknown origin 13. Malaria 14. Morbilli-Rubela 15. Chickenpox, Shingles, Smallpox, Exanthema infectiosum, Megalerythema epidemicum 16. Herpes virus infections and Infectious mononucleosis 17. Infectious diseases and pregnancy 18. HIV infection 19. Management of opportunistic infections and antiretroviral therapy 20. Sepsis 21. Septic shock, DIC, MODS, SIRS 22. Rational application of antibiotics 23. Meningitis and meningeal syndrome– general features 24. Bacterial meningitis 25. Meningococcal diseases 26. Clear-fluid meningitis 27. Prion-induced encephalitis, specific encephalitis and CNS diseases 28. Poliomyelitis and Rabies 29. Tetanus 30. Botulism 31. Lyme disease 32. General characteristics of intestinal infections enteroviral infections 33. Food poisoning and cholera 34. Bacterial and amebic dysentery 35. Typhoid fever and Salmonellosis of animal origin 36. Clostridium difficile infection 37. Trichinosis 38. Viral hepatitis – introduction 39. Icterus-differential diagnosis 40. Fulminant hepatitis 41. Hepatitis A, E, G 42. Acute hepatitis B and D 43. Chronic hepatitis B and D 44. Hepatitis C 45. Leptospirosis <i>Practical education: exercises, other forms of education, research related activities</i> Introduction to infectious diseases 2. Medical history taking in infectious diseases 3. Intestinal infections - medical history 4. Droplet infections - medical history 5. Unclear febrile states and rash - medical history 6. CNS infection- medical history 7. Hepatology - medical history 8. Medical history – conclusion 9. Complete physical examination – demonstration 10. Complete physical examination of the abdomen – demonstration 11. Complete physical examination – meningeal and neurologic – demonstration 12. Complete physical examination of the upper respiratory tract – demonstration 13. Complete physical examination of the lower respiratory tract – demonstration 14. Complete hepatologic physical examination – demonstration 15. Differential diagnosis of icterus 16. Differential diagnosis of intestinal infections 17. Differential diagnosis of CNS infections, especially neurologic and neurosurgical disease 18. Differential diagnosis of unclear febrile states 19. Differential diagnosis of droplet infections 20. Lumbar puncture – demonstration			
Literature <i>Compulsory</i> 1. Mandell GL, Douglas RG, Bennett JE: Principles and practice of Infectious Diseases, 7th ed, Churchill Livingstone, Philadelphia, New York, US, 2010. 2. Jong CE, Stevens DL: Netter's Infectious Diseases, 3 rd ed. Elsevier, Philadelphia, US, 2012. <i>Additional</i> -			
Number of active classes			Other:
Lectures: 45	Practice: 60	Other types of teaching:	
			Research related activities:
Teaching methods Lectures, practice			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	10	Written	10
Practices	30	Oral	40
Colloquium	10	
Essay			