

**Program of Study** : General Medicine  
**Course** : Infectious diseases  
**Abbreviation** : INF/VAB11  
**Schedule** : 9 hours of seminars  
                   9 hours of exercises  
**Course Distribution** : 4<sup>th</sup> year, 7<sup>th</sup> semester  
**Number of Credits** : 4  
**Course Form** : Seminars, exercises

**Seminars :**

**Teacher :** prof. MUDr. Pavel Chalupa, CSc.  
 MUDr. Mgr. Radomír Křenek

**Study :** Block, Dostavba TÚ LF Olomouc.

**Block date :** Group A1a + A1b 02. 05. - 05. 05. 2023  
 Group A2a + A2b 05. 06. - 08. 06. 2023

	<b>Block Day</b>	<b>Subject</b>	<b>No. of Less.</b>	<b>Teacher</b>
1	<b>02. 05. 2023</b> <i>TD-2.518</i> <b>09.30 – 12.30</b>	Slides of infectious diseases Chronic viral hepatitis and antiviral therapy Principles from travel medicine Therapy of HIV/AIDS infection Opportune infections	5	prof. Chalupa
	<b>05. 06. 2023</b> <i>TD-2.518</i> <b>09.30 – 13.30</b>			
2	<b>03. 05. 2023</b> <i>TD-2.518</i> <b>9.30 - 13.30</b>	Neonatal and inborn infections Infections due to herpesviruses Vaccination in adults Aseptic meningitis Bacterial diarrhoea and food poisoning	4	MUDr. Křenek
	<b>06. 06. 2023</b> <i>TD.2.518</i> <b>9.30 - 12.30</b>			

**Exercises :**

**Leading Teacher:** MUDr. Zdeněk Prokeš  
 prof. MUDr. Pavel Chalupa, CSc.

MUDr. Antonín Bařinka  
MUDr. Jan Smýkal  
MUDr. Alena Ziedlerová

**Study :** Block, Nemocnice Prostějov, Department of Infectious diseases.

9.00 - 15.45 hodin.

**Block date :** Group A1a 04. 05. 2023 čtvrtek  
Group A1b 05. 05. 2023 pátek  
Group A2a 07. 06. 2023 středa  
Group A2b 08. 06. 2023 čtvrtek

	<b>Block Day</b>	<b>Subject</b>	<b>No. of Less.</b>	<b>Teacher</b>
1	<b>04. 05. 2023</b> <i>Group A1a</i>	Knowledges of infectious diseases, laboratory Diagnostics, serologic test, cultivations, clinical course of infectious diseases, treatment	9	MUDr. Prokeř MUDr. Bařinka MUDr. Smýkal MUDr. Ziedlerová
1	<b>05. 05. 2023</b> <i>Group A1b</i>	Knowledges of infectious diseases, laboratory Diagnostics, serologic test, cultivations, clinical course of infectious diseases, treatment	9	MUDr. Prokeř MUDr. Bařinka MUDr. Smýkal MUDr. Ziedlerová
2	<b>07. 06. 2023</b> <i>Group A2a</i>	Knowledges of infectious diseases, laboratory Diagnostics, serologic test, cultivations, clinical course of infectious diseases, treatment	9	MUDr. Prokeř MUDr. Bařinka MUDr. Smýkal MUDr. Ziedlerová
2	<b>08. 06. 2023</b> <i>Group A2b</i>	Knowledges of infectious diseases, laboratory Diagnostics, serologic test, cultivations, clinical course of infectious diseases, treatment	9	MUDr. Prokeř MUDr. Bařinka MUDr. Smýkal MUDr. Ziedlerová

**Completed by :** Orally examination.

The exam from infectious diseases does not contain a practical part. For this reason to fulfill the credit, it is required: The student must be able to do physical examination of a patient with infectious disease, including patient and epidemiological history.

**Requirements :** Inclusion (credit)

**Literature (study sources):**

*Basic Textbook*

- Hobstová J. et al. Infectious Diseases. 2nd ed. Karolinum, Prague 2012, ISBN 978-80-246-2111-1

*Supplementary Textbooks*

- Bannister BA, Begg NT, Gillespie SH. Infectious Disease, 2nd ed., Blackwell Science Ltd. 2000
- Grist NR, Ho-Yen DO, Walker E, Williams GR. Diseases of Infection. 2nd ed. Oxford University Press 1994
- Mandell GL, Bennett JE, Dolin R (eds.). Mandell, Douglas and Bennett's Principles and Practice of Infectious Diseases. 4th ed., Churchill Livingstone Inc. 1995
- Reese RE, Betts RF (eds.). A Practical Approach to Infectious Diseases. 4th ed. Little, Brown and Company 1996

## Question list from infectious diseases

- 1)
  - a) Typhoid fever
  - b) Use of corticosteroids in the treatment of infectious diseases
  - c) Course of infectious diseases
  
- 2)
  - a) Aminoglycosides
  - b) Lambliasis
  - c) Infectious diseases and pregnancy
  
- 3)
  - a) Viral hepatitis A, prevention, vaccination
  - b) Penicillin antibiotics
  - c) Ascariidosis and enterobiosis
  
- 4)
  - a) Clinical forms of viral hepatitis, complications and consequences after VH
  - b) Viral hemorrhagic fevers
  - c) Professional infectious diseases
  
- 5)
  - a) Diff. dg. of viral hepatitis
  - b) Enterotoxigenic E. coli
  - c) Variola, vaccination
  
- 6)
  - a) Viral hepatitis B, prevention, vaccination
  - b) Brucellosis
  - c) General recommendation before abroad departure
  
- 7)
  - a) Viral hepatitis C
  - b) Meningitis
  - c) Yersiniosis
  
- 8)
  - a) Viral hepatitis D, E and G
  - b) Mumps
  - c) Ehrlichiosis
  
- 9)
  - a) Salmonellosis (except typhoid and paratyphoid fever)
  - b) Botulism
  - c) Anthrax
  
- 10)
  - a) Dysentery
  - b) Tick borne meningoencephalitis, therapy, vaccination
  - c) Yellow fever
  
11.
  - a) Infections caused by E. coli
  - b) Paratyphoid fever A, B and C
  - c) Fifth and sixth disease
  
12.
  - a) Tularemia
  - b) SARS
  - c) Pneumococcal infections
  
13.
  - a) Cholera
  - b) Diff. dg. of infectious mononucleosis
  - c) Poliomyelitis
  
14.
  - a) Campylobacteriosis
  - b) Macrolides

- c) Coxsackie viral infections
- 15. a) Streptococcal infections, complications, therapy  
b) Importance of state carrier of bacilli and viruses  
c) ECHO viral infections, infections caused by enteroviruses 68-71
- 16. a) Meningococcal infections  
b) Chl. psittaci and Chl. pneumoniae infections  
c) Fever after return from tropics
- 17. a) Staphylococcal infections  
b) Streptococcal group B infections  
c) Clostridial infections
- 18. a) Purulent meningitis  
b) Trypanosomiasis  
c) Haemophilus influenzae infections
- 19. a) Lyme disease  
b) Amoebic meningoencephalitis  
c) Diarrhoea caused by Cl. difficile
- 20. a) Mumps  
b) Infections caused by Mycoplasma  
c) Infections caused by Herpes simplex virus 1 and 2
- 21. a) Rubella (German measles)  
b) Pneumocystosis  
c) Viral gastroenteritis
- 22. a) Amebiasis  
b) Therapy of diarrhoeal diseases  
c) Schistosomiasis
- 23. a) Varicella-zoster viral infections  
b) Intestinal cestodes (tapeworms)  
c) Larval toxocarosis
- 24. a) HIV/AIDS infection  
b) Manifestations of infectious diseases in buccal cavity  
c) Therapy of viral hepatitis (acute and chronic)
- 25. a) Influenza, therapy, vaccination  
b) Dif. dg. of diarrhoea  
c) Infections caused by respiratory viruses
- 26. a) Hydatidosis  
b) Dif. dg. of pseudomembrane tonsillitis  
c) Pertussis and parapertussis
- 27. a) Infectious mononucleosis  
b) Cephalosporins  
c) Dif. dg. of icterus
- 28. a) Cytomegaloviral infections  
b) Diff. dg. of infectious exanthema

c) Blood count in infectious diseases

29. a) Stomatitis

b) Antigens and antibodies of hepatitis B

c) Dif. dg. of enlarged lymphatic nodes

30. a) Rickettsiosis

b) Symptoms of prodromal stage of VH, laboratory findings in VH,  
differences between VH A-E

c) Rabies

31. a) Malaria

b) Listeriosis

c) Tetanus

32. a) Leptospirosis

b) Q-fever

c) Leishmaniosis

33. a) Infections caused by Ch. trachomatis

b) Adenoviral infections

c) Dif. dg. of febricity (feverish condition)

34. a) Toxoplasmosis

b) Legionellosis

c) Prion infections