UNIVERSITY OF SPLIT, SCHOOL OF MEDICINE
DEPARTMENT FOR INFECTOLOGY
Head of Department:
prof. Ivo Ivić, PhD, MD.
Contact e-mail: iiivic@kbsplit.hr

MEDICAL STUDIES IN ENGLISH
COURSE: INFECTOLOGY

Teaching staff:
Prof. Ivo Ivić, Ph.D., MD
Ass.prof. Ledina Dragan, Ph.D., MD

Teaching assistants:
Nenad Pandak, Ph.D., MD
Dominko Carev, Ph.D., MD
Nikica Kuzmičić, MD

95 hours of instruction (5 ECTS):
- Lectures…. 20 hours
- Seminars… 26 hours
- Practicals… 49 hours

30 hours course and final exam of Clinical Microbiology is organized and carried by the Department of Medical Microbiology and Parasitology simultaneously with the course of Infectology.

COMPETENCES TO BE ACQUIRED
Theoretical knowledge and practical skills in terms of clinical features, epidemiology, diagnosis and differential diagnosis, treatment and prevention of the most common infectious diseases, indications for their hospital treatment, an understanding of the basic principles of antimicrobial treatment and basic principles of preventing infections.

CONTENT
Basic concepts of general infectology, the most common infectious diseases and syndromes, principles of diagnostics of infectious diseases, rational antimicrobial therapy and prophylaxis of communicable and non-comminicable infectious diseases, infections of immunocompromised host.

TEACHING UNITS:
Lectures:
L1. Introduction to Infectious Diseases, the general principles of infectious diseases, immunoprophylaxis
L2. Anti-infective therapy
L5. Cardiovascular infections
L6. Pulmonary infections
L7. Ear, nose and throat infections
L8: Bacterial infections of the central nervous system (purulent meningitis, abscess, spondylodiscitis)

L9: Viral infection of the central nervous system (aseptic meningitis, encephalitis, [polio]myelitis)

L10. Acute and chronic Infectious diarrheal diseases, helicobacter pylori.

Seminars:
S1. Viral hepatitis
S2. Hepatobiliary and peritoneal infection
S3. Urinary tract infections and sexually transmitted diseases
S4. Infections of the skin and soft tissues. Tetanus.
S5. Parasite infections
S6. Zoonoses
S8. Serious viral infections of adults.
S9. Infections of the immunocompromised host
S10. HIV-infection
S11. Infectious rashes of childhood and mumps
S12. Croup, Pertussis syndrome, Bronchiolitis
S13. Congenital infection and infection of newborns

OBLIGATORY LITERATURE:


At the beginning of the course students will receive reprints of the chapters that follow:

   - 65 Sepsis and meningitis (pp227-229)
   - 66 Congenital infections (pp229-233)
   - 94 Immunisation and prophylaxis (pp317-323)
   - 97 Infections characterised by fever and rash (pp329-335)
   - 107 Croup (laringotracheobronchitis)(pp354-356)
   - 108 Pertussis syndrome (pp356-357)
   - 109 Bronchiolitis(pp357-358)

   - 202 Botulism (p987-991)(PDF p1837-1842)
   - 240 Mumps (p1078-1081)(PDF p2033-2036)
   - 241 Polioviruses(p1081-1088)(PDFp2038-2045)

Supplement reading:
STUDENT’S OBLIGATIONS
All exercises and seminars are obliged. The absences of the practicles must be compensated. The absence of the seminar must be compensated by oral colloquium 7 days before exam. The absence of a maximum of two lectures is allowed, more absences should be compensated by oral colloquium 7 days before exam. A student who misses more than 20% of subjects must repeat the teaching year.

EXAM
For Infectology course attendance and exam following courses and exams are required:
1. Microbiology and parasitology
2. Pathology
3. Patophysiology
4. Pharmacology
5. Clinical propedeutics

The exam consists of two parts, written and oral exam. Written exam contains 100 questions. For each question 4-5 answers are offered and only one answer should be marked as correct. For completing written exam 90 minutes is available.

Correct answers on written exam are assessed as follows:
0-59 ponits ........ insufficient (1)
60-69 ponits ........ sufficient (2)
70-79 ponits ........ good (3)
80-89 ponits ........ very good (4)
90-100 ponits ........ excelent (5)

After passing the written exam, student can complete it with the oral exam. Oral exam may be performed immediately at same term with a written exam or separately in any following examination terms. Oral exam consists of practical (patient case) and theoretical part (5 questions from 5 different areas of infectology)