

**University of Mostar, Faculty of Medicine
Medical study in English**

Course in Infectology with Clinical Microbiology

Course leader:

Associate professor Jadranka Nikolić, MD, PhD

Academic year: 2021/2022

February 25 - March 17, 2022.

I. COURSE AIMS

Infectology

- To learn the meaningful approach to the case history, clinical status and clinical way of making a decision in infectology
- To encourage the independent gaining of knowledge
- To learn how to present patients verbally
- To prepare concise and clear clinical medical findings
- To learn how to carry out the clinical status
- To learn how to formulate the differential diagnosis
- To learn how to perform lumbar puncture
- To learn how to order and interpret findings of usual examinations which are being used in diagnostics of infectological diseases
- To understand the principles of treatment of the most frequent infectological syndroms

I. Clinical microbiology

The course of Clinical Microbiology is being held simultaneously with the Infectology course for students attending the fourth academic year in Medical Studies in English.

- To learn the indications for microbiological testings, depending on specific clinical feature
- To decide about the appropriate time, types and principles of taking samples
- To learn how to interpret the final result of microbiological testing
- To take the principle measures for preventing hospital infections

II. LOCATIONS:

Lectures and seminars will take place at the Faculty of Medicine University of Mostar, Bijeli brijeg bb, 88000 Mostar

Practicals will be held in Clinic for infectious diseases, University Clinical Hospital Mostar, Kralja Tvrtka bb, 88000 Mostar

III. COURSE STRUCTURE:

Total: 120 hours
lectures (L): 20 hours
seminars (S): 35 hours
practicals (P): 65 hours

IV. MEDICAL STUDY IN ENGLISH: INFECTOLOGY WITH CLINICAL MICROBIOLOGY - COURSE SCHEDULE 2021-2022

INFECTOLOGY WITH CLINICAL MICROBIOLOGY - COURSE SCHEDULE 2021-2022

Date	Title	Time	Topic	hrs	Lecturer	Place
Friday 2022-02-25	L1	8:30-10:00	Introduction, General Infectology	2	Jadranka Nikolić	MF
	L2	10:15-11:45	Symptomatic therapy	2	Jadranka Nikolić	MF
	P1	12:15-14:30	Practicals	3	All	CID
Monday 2022-02-28	L3	8:30-10:00	Tonsillopharyngitis	2	Svjetlana Grgić	MF
	S1	10:15-11:45	Gastrointestinal infections	2	Svjetlana Grgić	MF
	P2	12:15-14:30	Practicals	3	All	CID
Wednesday 2022-03-02	L4	8:30-10:00	Acute respiratory infections	2	Rok Čivljak	On line
	L5	10:15-11:45	Pneumoniae	2	Rok Čivljak	On line
	P3	12:15-14:30	Practicals	3	All	CID
Thursday 2022-03-03	L6	8:30-10:00	Central nervous system infections	2	Marija Santini	On line
	S2	10:15-11:45	Herpesviral infections	2	Jadranka Nikolić	MF
	P4	12:15-15:15	Practicals	4	All	CID
Friday 2022-03-04	S3	8:30-10:00	Case report	2	Jadranka Nikolić	MF
	S4	10:15-11:45	Tetanus and Botulism	2	Jadranka Nikolić	MF
	P5	12:15-14:30	Practicals	3	All	CID
CLINICAL MICROBIOLOGY						
Monday 2022-03-07	L7	8:30-10:00	Zoonoses	2	Jadranka Nikolić	MF
	S5	10:15-11:45	Enteroviral infections	2	Jadranka Nikolić	MF
	P6	12:15-14:30	Practicals	3	All	CID
Thursday 2022-03-08	S6	8:30-10:00	Principles of antimicrobial therapy	2	Jadranka Nikolić	MF
	S7	10:15-11:45	Exanthematous diseases	2	Svjetlana Grgić	MF
	P7	12:15-15:15	Practicals	4	All	CID
Wednesday 2022-03-09	S8	8:30-10:00	Case report	2	Svjetlana Grgić	MF
	S9	10:15-11:45	Snake and black widow spider bite	2	Jadranka Nikolić	MF
	P8	12:15-14:30	Practicals	3	MF	CID
Thursday 2022-03-10	L8	8:30-10:00	Sepsis	2	Marija Santini	On line
	S10	10:15-11:45	Parasitic diseases	2	Jadranka Nikolić	MF
	P9	12:15-14:30	Practicals	3	All	CID
Friday 2022-03-11	S11	8:30-10:00	HIV/AIDS	2	Siniša Skočibušić	MF
	S12	10:15-11:45	Viral hepatitis	2	Siniša Skočibušić	MF
	P10	12:15-14:30	Practicals	3	All	CID
CLINICAL MICROBIOLOGY						
Monday 2022-03-14	L9	8:30-10:00	Hospital-acquired infections	2	Rok Čivljak	On line
	S13	10:15-11:45	Immunisation/Vaccination	2	Jadranka Nikolić	MF
	P11	12:15-14:30	Practicals	3	All	CID
Thursday 2022-03-15	L10	8:30-10:00	COVID-19	2	Svjetlana Grgić	MF
	S14	10:15-11:45	Colloquium	2	Jadranka Nikolić	MF
	P12	12:15-14:30	Practicals	3	All	CID
Wednesday 2022-03-16	S15	8:30-10:00	Case report	2	Svjetlana Grgić	MF
	S16	10:15-11:45	Skin and soft tissue infections	2	Jadranka Nikolić	MF
	P13	12:15-14:30	Practicals	3	All	CID
Thursday 2022-03-17	CLINICAL MICROBIOLOGY					
MF			Medical Faculty			
CID			Clinic for infectious diseases			
All			All teaching staff			

V. EXAMINATIONS:

Students need to prepare actively for participating in seminars and practicals.

Presence on the lectures, seminars and practicals is obligatory. Student can miss only 20% of the selected topics (reasonable grounds).

Testing of knowledge is done by preliminary exam (examination of the infectological patient) and oral final exam.

Preliminary exam (examination of the infectological patient) will be held on the same day as final oral exam.

After finishing the course students have to gather signature of the Course leader / Chair of the Department in Index as prove they have finished the Course and have prerequisite for the final exam.

VI. COURSE GRADES:

Oral exam:

excellent (5) - (A); very good (4) - (B); good (3) - (C); satisfactory (2) - (D); fail (1) - (F).

VIII. LITERATURE:

Recommended:

Southwick F. Infectious diseases: a clinical short course. 4 th edition (McGraw-Hill 2020).

Supplementary:

Wright W. Essentials of clinical infectious diseases. 2 nd edition (demosMEDICAL 2018).

Mertz D, Smaill F, Daneman N. Evidence-based infectious diseases. 3 rd edition (Wiley Blackwell 2018).

Cho J. Infectious diseases. Case study approach (McGraw-Hill 2020).

IX. LIST OF LECTURERS AND TEACHING STAFF

1. Associate professor Jadranka Nikolić, MD, PhD, ID specialist– Course leader
2. Assistant professor Svjetlana Grgić, MD, PhD, ID specialist – Course leader deputy
3. Siniša Skočibušić, MD, MSc , ID specialist - Secretary of the Course
4. Assistant Željana Sulaver, MD, ID specialist
5. Assistant Linda Soldo, MD, ID specialist
6. Assistant professor Božo Šušak, MD, PhD, ID resident
6. Assistant professor Marija Santini, MD, PhD, ID specialist (Zagreb, Croatia)
7. Assistant professor Rok Čivljak, MD, PhD, ID specialist (Zagreb, Croatia)
8. Assistant professor Sanja Jakovac, MD PhD, MD specialist

X. LIST OF EXAMINERS FOR 2021/2022. ACADEMIC YEAR

1. Associate Professor Jadranka Nikolić, MD, PhD
2. Assistant Professor Svjetlana Grgić, MD, PhD

CLASSES – RULES OF BEHAVIOR FOR STUDENTS

- ❖ Classes are held in the form of lectures, seminars and exercises. The estimated duration of the course is three weeks. All students should be present at the lectures and the seminars. During the exercises students are divided into 2 training groups.
- ❖ Attending lectures, seminars and exercises is mandatory, and any absence will be recorded.
- ❖ The seminars are designed so that the student deals with a particular topic, most often in the form of Power Point presentations. Any absence from the seminar must be compensated with the respective teacher in the form of a colloquium.
- ❖ Practicals attendance is mandatory. A student who misses more than 10 hours of practicals will not be able to access the exam without additional colloquium. During the practicals the teacher shows and monitors the active participation of students.
- ❖ The year's representative will be notified every day by e-mail on the names of the teachers - the practicals leaders. In the case of possible problems, the representative will contact the Head or the Secretary of the Department.
- ❖ Students are kindly asked to have an understanding and to be flexible. The medical job at the Clinic could be demanding and busy with the occurrence of emergency situations.
- ❖ It is important to behave appropriately in an ambulance, to listen their teacher, not to create unnecessary noise, and to preserve the dignity of each individual patient.
- ❖ The students should come on the practicals with a upper part of the white uniform and a stethoscope.

Course leader:

Associate Professor Jadranka Nikolić, MD, PhD