
		UNIVERSITY OF EAST SARAJEVO Faculty of Medicine					
		Study program: medicine					
		Integrated academic studies		III study year			
Full subject title		INTRAHOSPITAL INFECTIONS AND THEIR PREVENTION					
Department		Department of General Education, Faculty of Medicine in Foča					
Subject code			Subject status		Semester		ECTS
ME-02-2-042-8			elective		VIII		1
Professor/ -s		Prof. dr. Biljana Mijovic, full professor, MD, PhD					
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	L	
1	0	0	1*15*1	0*15*1	0*15*1	1	
total teaching workload (in hours, per semester) 1*15 + 0*15 + 0*15 =15				total teaching workload (in hours, per semester) 1*15*1 + 0*15*1 + 0*15*1 = 15			
Total subject workload (teaching + student): = 15 + 15 = 30 hours							
Learning outcomes		1. Organization of work on the prevention and control of intrahospital infections 2. Writing a program and work plan for the prevention and control of intrahospital infections 3. Protection of healthcare workers from intrahospital infections 4. Implementation of epidemiological surveillance of intrahospital infections					
General competences		They have adopted attitudes concerning medical ethics. They are prepared for further development and advances within the field of medicine. They are acquainted with a specific diagnostic algorithm. 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 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 m22. They are eager to train the colleagues and improve their own teaching skills. They are eager to support quality assurance measures and periodic evaluation of their own medical competences and knowledge standards.aintain a high level of medical competence. They adhere to legal requirements regarding ongoing theoretical and practical training.					
Preconditions		Requirement for taking the exam: all exams of the third year have been passed					
Teaching methods		Lectures, seminars					
Subject content per week		1. Intrahospital infections and their significance for patient safety. 2. Classification of intrahospital infections, sources, and transmission routes. 3. Legal regulations in the field of intrahospital infections. 4. Organization of prevention and control of intrahospital infections worldwide and in the Republic of Srpska. 5. Protection of healthcare workers from intrahospital infections. Immunization of healthcare workers and patients. 6. Role of the Commission for Protection from Intrahospital Infections. The role of doctors in the team for surveillance of intrahospital infections. The role of nurses in the team for surveillance of intrahospital infections. 7. Writing Programs and Work Plans. Epidemiological surveillance; objectives and types. Specifics of surveillance of intrahospital infections; indicators of incidence and mortality from intrahospital infections. 8. Epidemiological surveillance of intrahospital infections through incidence studies. 9. Epidemiological surveillance of intrahospital infections through prevalence studies.					

¹The coefficient of student workload S_0 is calculated as it follows:

a) for the study programs not going through the licensing process: $S_0 = (\text{total workload in semester for all of the subjects } 900 \text{ hrs} - \text{total teaching workload } L+E \text{ in semester for all of the subjects } 870 \text{ hrs}) / \text{total teaching workload } L+E \text{ in semester for all of the subjects } \text{ hrs} = \text{ }.$ 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.

	10. Preparation of a database for data collected by epidemiological surveillance of intrahospital infections. 11. Investigation of epidemics of intrahospital infections. Examples of epidemics of intrahospital infections; interpretation of indicators. 12. Questionnaires for surveillance of intrahospital infections. Preparation of questionnaires for surveillance of intrahospital infections. 13. The importance of infections in surgery. Risk factors for surgical site infections and prevention possibilities. Teamwork in the prevention and control of surgical site infections. 14. The importance of hospital-acquired urinary tract infections. Risk factors for the occurrence of hospital-acquired urinary tract infections and prevention possibilities. Prevention and control of urinary tract infections. 15. Characteristics of hospital-acquired infections caused by the bacterium C. Difficile. Measures to prevent diarrhea caused by the bacterium C. difficile.			
Compulsory literature				
Author/s	Publication title/Publisher	Year	Pages (from-to)	
Stevens B, Wenzel E.	A Guide to Infection Control in the Hospital. International Society for Infectious Diseases, Fifth edition.	2014	1-418	
Student responsibilities, types of student assessment and grading	Grading policy		Points	Percentage
	Pre-exam activities			
	lecture/exercise attendance		25	25%
	seminar paper		25	25%
	Final exam			
	Written test		50	50%
	TOTAL		100	100 %
Certification date	December 13 th 2018; 2024.			