



Study program: Integrated Academic Studies in Dental Medicine			
Course title: Prevention and Infection Control in Dental Medicine			
Teacher: Igor Lj. Stojanac, Bojana D. Ramić, Karolina I. Vukoje, Ivana R. Kantardžić.			
Course status: elective			
ECTS Credits: 3			
Condition: -			
Course aim Acquiring basic knowledge of preventive measures in clinical work that prevents the spread of infection.			
Expected outcome of the course: Acquiring knowledge about the use of disinfectants and antiseptics that are used daily in dentistry. Preventive measures for blood-borne diseases. Prophylactic measures to be applied after exposure to blood-transmitting diseases. A modern approach to infection control. Sterilization in dental medicine - principles and application.			
Course description <i>Theoretical education</i> 1. Prerequisites for infection control in dental medicine. 2. Control of contact infection in daily work and in working with high-risk patient groups. 3. Blood-transmitting diseases. 4. Hepatitis B, C, D. 5. HIV. 6. Tuberculosis. 7. Vaccination of staff working in dental medicine. 8. Prophylaxis after exposure to blood-transmitting diseases. 9. Sterilization of instruments. 10. Modern methods of preparation of instruments for work with patients. 11. Disinfectants used in restorative dentistry and endodontics. 12. Disinfectants for use in oral and periodontal surgery. 13. Disposal of infectious waste. 14. Decontamination of surfaces in the dental office. <i>Practical education</i> 1. Infection control in high-risk patients. 2. Sterilization and disinfection of instruments in clinical work. 3. Decontamination of surfaces in the dental office.			
Literature <i>Compulsory</i> 1. Molinari J. A. and Harte J.A. Cottone's Practical Infection Control in Dentistry, 3rd Edition. Lippincott 2. Armamentarium and sterilisation in Cohens Pathways of the pulp, Kenneth M. Hargreaves and Stephen Cohen, 10th edition, 2011. Williams & Wilkin, 2010. <i>Additional</i> 1. Harold O Heymann, Edward J Swift, Andre V Ritter: Sturdevant s Art and Science of Operative Dentistry. 7th Edition, Elsevier 2016.			
Number of active classes		Theoretical classes: 15	Practical classes: 30
Teaching methods			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	5 points presence 15 points activity	Written	50
Practices			
Colloquium		
Essay	30		