

Study program: Integrated academic studies of dentistry			
Type and level of the study program: Integrated academic studies			
Course title: Endodontics I (DIV-ENDD)			
Teacher: Ljubomir M. Petrović, Larisa P. Blažić, Ivana M. Stojšin, Igor Lj. Stojanac, Milan R. Drobac, Ivana R. Kantardžić			
Course status: Compulsory			
ECTS Credits: 3			
Condition: Operative Dentistry - Clinic II (Exam)			
Course aim The objective of the course: Student should master the therapy of the endodontium and periradicular region.			
Expected outcome of the course: The student should get acquainted basic and contemporary accomplishments in the field of endodontics, to get an insight in current and future developments in this field, diagnostic of relevant diseases, instruments and procedures in the treatment of endodontium and periradicular region. The skills are accomplished during practical classes, by working independently under permanent control of working phases. After completing the practical course in Endodontics I student should be capable of: 1. performing diagnostic procedures related to the diseases of endodontium and periradicular region 2. appropriately preparing the working area 3. demonstrating theoretical and practical knowledge on instruments and materials applied in endodontics 4. demonstrating theoretical and practical knowledge on instrumentation of endodontic region by working on models			
Course description <i>Theoretical education</i> 1. Apex and apical paradontitis, diagnostic procedures, classification, clinical picture 2. Introduction to endodontic therapy 3. Morphology of cavum dentis 4. Endodontic instruments (ISO-standard) 5. Aseptic work in endodontics 6. Endodontic preparation – working protocols 7. Definitive obturation of endodontic space <i>Practical education: exercises, other forms of education, research related activities</i> 1. Diagnosis and analysis of X-ray scan 2. Therapy plan 3. Trepanation 4. Creation of access cavity 5. Testing of initial negotiability 6. Odontometry 7. Instrumentation of root canal (techniques) 8. Irrigation of root canal 9. Medication 10. Obturation of root canal			
Literature <i>Compulsory</i> 1. Mahmoud Torabinejad, Richard E. Walton. Endodontics: Principles and Practice. Elsevier Health Sciences, 2009 2. Pit Ford TR. Harty's Endodontics in Clinical Practice. Elsevier Science, 2004. <i>Additional -</i>			
Number of active classes			Other:
Lectures: 15	Practice: 30	Other types of teaching: Research related activities:	
Teaching methods: Theoretical and practical			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	15*	Written	60
Practices	25**	Oral	
Colloquium		
Essay			

*5 attendance + 10 activity; **5 attendance + 20 activity