

<b>Study program:</b> Integrated Academic Studies in Dental Medicine			
<b>Course title:</b> Endodontics II			
<b>Teacher:</b> Larisa P. Blažić, Ljubomir M. Petrović, Ivana M. Stojšin, Igor Lj. Stojanac, Milan R. Drobac, Ivana R. Kantardžić, Bojana D. Ramić, Karolina I. Vukoje			
<b>Course status:</b> compulsory			
<b>ECTS Credits:</b> 10			
<b>Condition:</b> Endodontics I, Pharmacology (for taking an exam)			
<b>Course aim</b> A goal of the course is to teach and train students for independent clinical work in diagnostic and therapeutic procedures with regard to diseases of endodontium and periradicular region.			
<b>Expected outcome of the course:</b> <b>Knowledge:</b> Comprehensive diagnosis, treatment planning and management of pulpal and periapical disease. <b>Competencies:</b> Diagnostic procedure in endodontics – recent advances and various aids used for diagnosis. Case selection and treatment planning. Orofacial dental pain and emergencies: endodontic diagnosis and management. Pulp, periapical, endo-perio lesion pathology and management. Endodontic procedure: access cavity preparation, working length determination, cleaning and shaping of root canal system (instrumentation), canal irrigation and medication, obturating materials, obturation techniques. Restoration of endodontically treated teeth - recent advances. Endodontic retreatment. Traumatic injuries and management - endodontic treatment for permanent teeth. Endodontic and risk management of medically/clinically compromised patients.			
<b>Course description</b> <i>Theoretical education</i> 1. Endodontic Emergencies – Diagnosis and Management. 2. Endodontic Interrelationship; Endo - Perio Lesion and Treatment Planning. 3. Apical Periodontitis. 4. Management of Necrotic Pulp and Periapical Lesion. 5. Endodontic failures and Procedural Accidents. 6. Healing after Endodontic Treatment. 7. Endodontic Retreatment. 8. Traumatic Injuries and Endodontic Management. 9. Tooth Discoloration – Non-Vital Bleaching. 10. Conservative Restoration of Endodontically Treated Teeth. 11. Endodontic Posts. 12. Rationale of Surgical Endodontics. 13. Endodontic Management of Medically/Clinically Compromised Patients. 14. Endodontic Evaluation.  <i>Practical education</i> 1. Examination, Diagnosis and Treatment Plan in endodontics. 2. Rationale of Endodontics. 3. Procedure of Pulp amputation and Extirpation. 4. Non-infected and Infected Root Canal – Treatment Modalities. 5. Periapical Disease Treatment. 6. Procedural Errors in Endodontics and their Management. 7. Endodontic Retreatment Protocol. 8. Management of Endodontic Emergencies. 9. Management of Endo - Perio Lesion. 10. Traumatic Injuries - Endodontic Treatment for Permanent Teeth. 11. Conservative Restoration of Endodontically Treated Teeth – Treatment Modalities. 12. Non-vital Bleaching Procedure			
<b>Literature</b> <i>Compulsory</i> 1. Textbook of Endodontology, 3 <sup>rd</sup> Edition, edited by: Lars Bjørndal, Lise-Lotte Kirkevang, John Whithworth, Wiley- Blackwell, 2018 <i>Additional</i> 1. Harty's Endodontics in Clinical Practice, 7 <sup>th</sup> Edition, editor: Bun San Chong, Churchill Livingstone, 2016 2. Endodontics, Principles and Practice, 5 <sup>th</sup> Edition, by: Mahmoud Torabinejad, Ashraf Fouad, Richard E. Walton, Elsevier, 2014			
<b>Number of active classes</b>		<b>Theoretical classes:</b> 15	<b>Practical classes:</b> 180
<b>Teaching methods</b> Theoretical and practical			
<b>Student activity assessment (maximally 100 points)</b>			
<b>Pre-exam activities</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Lectures	5 attendance 10 activity	Written	
Practices	5 attendance 20 activity	Oral	40
Colloquium		Practical exam	20
Essay			