

<b>Study program:</b> Integrated academic studies of dentistry			
<b>Type and level of the study program:</b> Integrated academic studies			
<b>Course title: Operative dentistry - clinical II (DIV- OPDCL)</b>			
<b>Teacher:</b> Blažić P. Larisa, Vukoje I. Karolina, Drobac R. Milan, Kantardžić R. Ivana, Lainović Z. Tijana, Petrović M. Ljubomir, Ramić D. Bojana, Stojanac L. Igor, Stojšin M. Ivana, Cvjetičanin T. Milica			
<b>Course status:</b> compulsory			
<b>ECTS Credits: 3</b>			
<b>Condition:</b> Operative dentistry- clinical I; Special Pharmacology (exam)			
<b>Course aim</b> The aim of the course is to train the student in diagnosing and treating disorders of hard tissues and dental pulp under clinical conditions			
<b>Expected outcome of the course:</b> Diagnostics and therapy of hard dental tissues and dental pulp. Skills are acquired through independent practical clinical work with permanent control of the working stages. Compulsory study program in the framework of clinical practical training in Operative dentistry – clinic I and II comprises total of 17 definitive fillings (composite and GJC fillings, therapy of deep caries) including multisurface amalgam filling. Some aspects of clinical skills are integrated in subjects Endodontics I and II. During practical work encompassed by Operative Dentistry I and II, and Endodontics I and II, the students have to perform 40 treatments of hard dental tissues with definitive fillings. At the end of the practical course in Operative Dentistry II student should:			
<ul style="list-style-type: none"> <li>– master diagnostic procedures related to diseases of hard dental tissue and dental pulp</li> <li>– acquire theoretical and practical knowledge on materials for temporary and definitive cavity closing</li> <li>– acquire theoretical and practical knowledge on all types of cavity preparation, retention and restoration by using modern materials and instrumentation for placing definitive fillings</li> <li>– demonstrate theoretical and practical knowledge about therapeutics and therapy approach and protocol in treatment of deep caries and dental pulp diseases</li> </ul>			
<b>Course description</b>			
<i>Theoretical education</i>			
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<i>Practical education: exercises, other forms of education, research related activities</i>			
<ol style="list-style-type: none"> <li>1. Preparation and restoration of III class cavities using composite material applying glass-ionomer cement base and adhesive system</li> <li>2. Preparation and restoration of IV class complex cavities using composite fillings</li> <li>3. Restoration of V class cavities using composite material on frontal teeth</li> <li>4. Application of composite material on lateral teeth – indications and contraindications</li> <li>5. Preparation and restoration of I class cavities on occlusal surfaces using adhesive systems and composite fillings</li> <li>6. Preparation and restoration of cavities on dental neck (wedge shaped erosion) by applying adhesive systems and composite fillings</li> <li>7. Preparation and restoration of I class cavities on occlusal surfaces by applying adhesive systems, GIC base and composite fillings</li> <li>8. Preparation and restoration of multisurface cavities on lateral teeth using adhesive systems, GIC base (open and closed “sandwich” technique) and composite fillings</li> <li>9. Restoration of complex cavities on lateral teeth applying adhesive composite system and additional retention modalities (channels and retention spots)</li> <li>10. Restorative procedure using glass-ionomere cement on frontal teeth</li> <li>11. Restoration of III and V class cavities using GIC</li> <li>12. Restoration of cavities in gingival third of the crown using glass ionomere cement (wedge shaped erosions)</li> <li>13. Therapy procedures in deep caries – diagnosis and processing of carious lesion, placing material for indirect pulp capping</li> <li>14. Restorative techniques for preserving pulp vitality</li> <li>15. Vital pulpotomy – technique</li> <li>16. One-step therapy of deep caries: indirect pulp capping and tooth restoration using definitive filling</li> <li>17. Multy-step therapy of deep caries: drug, protective base (GIC) with temporary cavity restoration</li> <li>18. Restoration of deep cavities depending on therapy modality and the type – cavity localization</li> <li>19. Control of therapy outcome in deep caries after one-step and multy-step treatment</li> <li>20. Restorative procedure in complex cavities with additional retention applying amalgam and composite material</li> </ol>			
<b>Literature</b>			
<i>Compulsory</i>			
Outlines of lectures			
<i>Additional</i>			
<b>Number of active classes</b>			Other:
Lectures: -	Practice: 45	Other types of teaching:	

<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		Written	
Practices	40*	Oral	30
Colloquium		Practical exam	30
Essay			

\*10 attendance + 20 activity + 10 program accomplishment