

Study program: Integrated Academic Studies in Dental Medicine		
Course title: Operative Dentistry - Clinic II		
Teacher: Ljubomir M. Petrović, Larisa P. Blažić, Ivana M. Stojšin, Igor Lj. Stojanac, Milan R. Drobac, Bojana D. Ramić, Karolina I. Vukoje, Ivana R. Kantardžić, Tijana Z. Lainović, Milica T. Cvjetičanin.		
Course status: compulsory		
ECTS Credits: 3		
Condition: Operative Dentistry- Clinic I; Pharmacology (exam)		
Course aim The aim of the course is to train the student in diagnosing and treating disorders of hard tissues and dental pulp under clinical conditions		
Expected outcome of the course: 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:		
<ol style="list-style-type: none"> 1. master diagnostic procedures related to diseases of hard dental tissue and dental pulp 2. acquire theoretical and practical knowledge on materials for temporary and definitive cavity closing 3. acquire theoretical and practical knowledge on all types of cavity preparation, retention and restoration by using modern materials and instrumentation for placing definitive fillings 4. demonstrate theoretical and practical knowledge about therapeutics and therapy approach and protocol in treatment of deep caries and dental pulp diseases 		
Course description		
<i>Theoretical education</i> -		
<i>Practical education:</i>		
<ul style="list-style-type: none"> - Preparation and restoration of I, II, III and V class cavities using composite material with or without applying glass-ionomer cement base, adhesive system - Preparation and restoration of IV class complex cavities using composite fillings - Application of composite material on posterior teeth – indications and contraindications - Preparation and restoration of multisurface cavities on lateral teeth using adhesive systems, GIC base (open and closed “sandwich” technique) and composite fillings - Restoration of III and V class cavities using GIC - Therapy procedures in deep caries – diagnosis and processing of carious lesion, placing material for indirect pulp capping - Restorative techniques for preserving pulp vitality - Vital pulpotomy – technique - One-step therapy of deep caries: indirect pulp capping and tooth restoration using definitive filling - Multy-step therapy of deep caries: drug, protective base (GIC) with temporary cavity restoration - Restoration of deep cavities depending on therapy modality and the type – cavity localization - Control of therapy outcome in deep caries after one-step and multy-step treatment - Preparation and amalgam restoration of class I, II and MOD cavities - Restorative procedure in complex cavities with additional retention applying amalgam and composite material 		
Literature		
<i>Compulsory</i>		
<ol style="list-style-type: none"> 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: -	Practical classes: 45
Teaching methods		
Theoretical and practical		

Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures		Written	
Practices	10 attendance 20 activity 10 program accomplishment	Oral	30
Colloquium		Practical exam	30