

Study program: DENTISTRY
Type and level of studies: Integrated academic studies, Level 1/2
Course unit: Restorative Odontology-Preclinical
Teacher in charge: Associate Professor Milica Popovic, DD, DSc, MSc
Language of instruction: ENGLISH
ECTS: 7
Prerequisites: Completed course in Dental materials
Semester: WINTER SEMESTER (5th semester)
Course unit objective: Enabling the student to approach the treatment of patients and conduct therapy of diseases of solid dental tissues.
<p>Learning outcomes of Course unit:</p> <p>Knowledge about etiopathogenesis of caries, diagnosis and classification of dental caries lesions</p> <p>Knowledge about principles of cavity preparation and restoration of the dental crown</p> <p>Knowledge about protective and medical bases</p> <p>Knowledge about materials for the restoration of the dental crown</p> <p>Skills of using of manual and rotating instruments</p> <p>Skills of cavity preparation</p> <p>Skills of removing altered tooth tissue</p> <p>Skills of restoration of lost anatomical, morphological, functional and aesthetic integrity of the tooth with appropriate filling materials.</p>
<p>Course unit contents</p> <p><i>Theoretical classes</i></p> <p><i>Dental Caries: Definition and Etiopathogenesis. Caries classification. Caries lesion therapy. Principles and instruments of cavity preparation. Principles of dental crown restoration. Providing dry operation area. Temporary filling of the cavity - indications, materials. Protective and medical base materials</i></p> <p><i>Practical classes</i></p> <p><i>Introduction to the basic principles of work, equipment and instruments. Workplace and dental machines. Work instruments and their purpose. Rotating instruments and their use. Dry operating area. Practicing the application of protective bases. Preparation and application of materials for temporary filling of prepared cavity; Restoration of the dental crown with definite fillings; theoretical introduction. Basic and additional instruments for placing definitive fillings (instruments for filling and shaping materials, dental matrices, interdental wedge). Application of amalgam filling materials. Application of composite filling materials. Application of glass ionomer cement filling materials. Definitive surface treatment of dental fillings.</i></p>
<p>Literature</p> <ul style="list-style-type: none"> • Fundamentals of Operative Dentistry: Summit J.B.et al.3ed.Quintessence Publishing Co Inc 2006.

Number of active teaching hours				Other classes
Lectures: 15	Practice: 30	Other forms of classes:	Independent work:	
Teaching methods: Lectures, practice whit tooth models, dental instruments and dental materials				
Examination methods (maximum 100 points)				
Exam prerequisites	No. of points:	Final exam		No. of points:
Student's activity during lectures	30	oral examination		
practical classes/tests		written examination		70
Seminars/homework				
Project				
Other				

Grading system		
Grade	No. of points	Description
10	95-100	Excellent
9	85-94	Exceptionally good
8	75-84	Very good
7	65-74	Good
6	55-64	Passing
5	< 54	Failing

Course unit description