

Study program: Integrated academic studies in dentistry			
Type and level of the study program: integrated academic studies			
Course title: Esthetics in dentistry (DIV-ESTHE)			
Teacher: Dubravka M. Marković, Larisa P. Blažić, Tatjana M. Puškar, Branislava S. Petronijević, Milan P. Drobac, Igor Lj.Stojanac, Bojana R. Milekić			
Course status: elective			
ECTS Credits: 3			
Condition: -			
Course aim Mastering of knowledge and skills necessary for the implementation of diagnostic and therapeutic procedures in the areas of restorative dentistry and dental prosthetics that meet the high ESTHETIC requirements.			
Expected outcome of the course: Acquiring of knowledge about: ESTHETIC parameters of face and jaws, teeth whitening techniques, possibilities of therapy of lost dental hard tissue by direct and indirect ESTHETIC restoration as well as conservative and ESTHETIC prosthetic reconstruction of endodontic treated teeth that meet the highest ESTHETIC criteria. Adoption of skills related to diagnostic and therapeutic procedures that enable making of highly ESTHETIC conservative and prosthetic reconstruction of the dental crown.			
Course description <i>Theoretical education</i> I ESTHETIC requirements in dentistry: 1. ESTHETIC parameters. Face; shape and height. Lips, lip mobility, length of upper lip. Symmetry. Occlusal plane and incisive edge. Buccal corridor. The size of teeth and their relationship. 2. Color and color perception. Natural color of teeth. Color and ESTHETIC characteristics of the material used for the direct and indirect restorations, as well as for prosthetic reconstruction (porcelain flakes (veneers) and ceramic non-metallic crowns). II Direct ESTHETIC restorations of front teeth. III Direct ESTHETIC restorations of the lateral teeth. IV Indirect esthetic restorations: 1. Composite indirect fillings (inlays and onlays). Indications and contraindications. Teeth preparation. Prints and laboratory stages in making of composite inlays and onlays. Setting of composite inlays and onlays. 2. Ceramic inlays and onlays. Indications and contraindications. Teeth preparation. Prints and laboratory stages in making of ceramic inlays and onlays. Setting of ceramic inlays and onlays. 3. Temporary restoration of teeth prepared for indirect fillings. 4. CAD-CAM technology in making of indirect fillings. V Porcelain flakes: 1. Porcelain flakes - indications and contraindications. 2. The plan of therapy. Making of diagnostic models and temporary restorations. 3. Preparation of teeth (anterior teeth, premolars). 4. Prints for flakes. 5. Laboratory stages in flakes making. 6. Trial and setting of flakes. VI Non-metallic ceramic crowns: Non-metallic ceramic crowns - indications and contraindications. 2. Types of non-metallic ceramic crowns. 3. Preparation of teeth for non-metallic ceramic crowns. 4. Prints. 5. Laboratory stages making of nonmetallic ceramic crowns. 6. Trial of ceramic crowns and their setting. VII Esthetic reconstruction of teeth treated for endodontic: 1. Characteristics of endodontic treated teeth. 2. Direct ESTHETIC restorations of endodontic treated teeth. 3. Indications for placing pulp cleats. 4. Types of ESTHETIC pulp cleats; the manner of their setting. 5. Reconstruction of endodontic treated teeth with ESTHETIC crowns. VIII Teeth whitening: 1. Types of pigmentation and discoloration of teeth. 2. Indications and contraindications for teeth whitening. 3. Whitening of vital teeth. Techniques in surgery. Techniques applicable in home conditions. 4. Whitening of non vital teeth. Techniques in surgery. Techniques applicable in home conditions. <i>Practical education: exercises, other forms of education, research related activities</i> 1. Cavity preparation and performing of direct ESTHETIC restoration of the front teeth. 2. Cavity preparation and performing of direct ESTHETIC restoration of the lateral teeth. 3. Cavity preparation and performing of indirect ESTHETIC restoration. 4. Teeth preparation and performing of porcelain flakes- front teeth. 5. Teeth preparation and performing of porcelain teeth flakes – premolars. 6. Teeth preparation and performing of direct ESTHETIC restoration of endodontically treated teeth. 7. Root canal preparation and placing of ESTHETIC pulp pins. 8. Making of ESTHETIC crowns on endodontically treated teeth. 9. Teeth preparation and making of non-metallic ceramic crowns. 10. Application of teeth-whitening techniques.			
Literature <i>Compulsory</i> 1. Geissberger M. Esthetic Dentistry in Clinical Practice. Wiley-Blackwell, 2009 <i>Additional</i> Internet			
Number of active classes			Other:
Lectures: 30	Practice: 15	Other types of teaching: Research related activities:	
Teaching methods Lectures + Pract.			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	20	Written	40
Practices	20	Oral	
Colloquium		
Essay	20		