

Study program: Integrated academic studies in dentistry			
Type and level of the study program: integrated academic studies			
Course title: Clinical prosthetics II (DV-CLPR)			
Teacher: Marković M. Dubravka, Puškar M. Tatjana			
Course status: compulsory			
ECTS Credits: 8			
Condition: Clinical prosthetics I			
Course aim Introduction to basic concepts and clinical procedures in the field of fixed dental prosthetics, the overview of the role of prosthetics in dentistry and adoption of basic principles in planning and oral rehabilitation of toothless patients			
Expected outcome of the course: Changes in morphology and physiology of the craniofacial system, transmitting the basic parameters of the patients in the external environment, methods of making fixed dentures Diagnosis and treatment plan, root canal preparation, grinding of teeth, taking imprints in fixed prosthetics, cementing of fixed prosthetic work			
Course description <i>Theoretical education</i> 1. Introduction to fixed dental prosthetics. 2. History and development of fixed dental prosthetics. 3. Medical history in fixed prosthetics and its importance. 4. Clinical examination of patients with toothless jaws. 5. Craniomandibular joint connection - anatomical and functional specificities Characteristics of nonphysiological occlusion. 6. Radiological diagnosis orofacial system. 7. Study models for the processing techniques and procedures for their analysis. 8. The role of periodontal tissue in the acceptance of occlusal force and planning in fixed prosthetics. 9. Pre-prosthetic preparation of the mouth and teeth in fixed prosthetics. 10. Principles of preparation of carrier-tooth. 11. Preparation of teeth for full cast crown. 12. Preparation of teeth for metal-ceramic crown. 13. Preparation of teeth for inlays and onlays. 14. Preparation of teeth for facets . 15. Tooth reparation for non-metal crown. 16. Types of non-metal ceramic systems. 17. Restoration of endodontically treated teeth . 18. Indications for various types of ready-made pins. 19. Cast upgrade. 20. Bridge types, the rules for planning and preparation. 21. Imprinting in fixed prosthetics, individual mould-spoon. 22. Syringe method for imprinting in fixed prosthetics. 23. Colors in fixed prosthetics. 24. Temporary Crown. 25. Cementing of fixed dentures Irreversible occlusal restoration and occlusion therapy using fixed replacements. 26. Occlusal therapy of patients with malocclusion <i>Practical education: exercises, other forms of education, research related activities</i> 1. Occlusal trauma, functional analysis of the orofacial complex. 2. Taking anatomical imprints for study models. 3. Analysis of study models. 4. Preparation of teeth for full cast crown. 5. Preparation of teeth for metal-ceramic crown. 6. Preparation of teeth for Inlay. 7. Preparation of teeth for facets . 8. Tooth preparation for non-metal crown . 9. Preparation and application of different types of ready-made pins . 10. Cast build-up on single-root and multi-rooted teeth. 11. Grinding teeth for lateral bridge. 12. Taking imprints. 13. Adaptation of individual molding spoons. 14. Syringe method for imprinting in fixed prosthetics. 15. Setting colors in fixed prosthetics. 16. Creation of temporary crowns. 17. Cementing of fixed dentures, constructing Michigan splint			
Literature <i>Compulsory</i> 1. Rosensteil S, Land M, Fujimoto J Contemporary fixed prosthodontics, Mosby 2006. <i>Additional</i> Internet, Kobson database			
Number of active classes			Other:
Lectures: 30	Practice: 135	Other types of teaching: Research related activities:	
Teaching methods Theoretical and practical			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	15	Written	0
Practices	15	Oral	60
Colloquium	0	
Essay	10		