

Faculty of Medicine / STOMATOLOGY / FIXED DENTAL PROSTHETICS

Course:	FIXED DENTAL PROSTHETICS			
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exercises+Laboratory)
7497	Mandatory	10	14	1+5+0
Programs	STOMATOLOGY			
Prerequisites	Gnathology, Dental prosthetics- before clinic and Dental materials			
Aims	<p>After attended lectures the student acquires knowledge of indications and contraindications for making fixed restorations and before prosthetic preparation. Students gain knowledge about the biological principles of tooth preparation, about making restorations to the teeth without pulp , making temporary fixed restorations. Students gain knowledge about the dental bridges, about special fixed restorations, about the stability of fixed restorations. Acquire theoretical knowledge of the clinical phases of making fixed restorations (casted construction, metal-ceramic fixed partial dentures, ceramic fixed partial dentures, whole molten crowns, veneered and partial crowns). Students learn to realization clinical phase in making fixed dental restorations (diagnosis and plan of work, preparation of teeth, imprint teeth, testing the metal substructure and ceramic fixed partial dentures and cementing compensation for pillar teeth).</p>			
Learning outcomes	<p>After completing the two-semester lectures in Fixed Prosthodontics, dental student should possess the following learning outcomes: 1. Knows types of fixed prosthetic appliances, indications and contraindications for their use, the materials and the basic principles for making the same. 2. Knows possibilities and importance preparation for fixed prosthodontics treatment and is capable of applying articulator and face arch in the design and development of fixed restorations. 3. Capable of independently take a medical history, perform a dental examination and analysis of X-rays, set indication (to create the appropriate prosthetic replacements), and determine a treatment plan. 4. Equipped with skills to independently perform clinical phase in making of fixed restorations. 5. Has communication skills with patients, medical staff and knows and applies the principles of teamwork. 6. Has the awareness of the necessity of continuing education in order to acquire knowledge of new dental materials and techniques and their potential application in dental prosthetics.</p>			
Lecturer / Teaching assistant				
Methodology	Lectures, practical classes, colloquia, seminars			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures	Metal ceramic fixed prosthetic restorations , part II			
I week exercises	Exercises follow the lectures. Clinical work with patients.			
II week lectures	Ceramic fees, part I			
II week exercises	Exercises follow the lectures. Clinical work with patients.			
III week lectures	Ceramic fees, part II			
III week exercises	Exercises follow the lectures. Clinical work with patients.			
IV week lectures	Bridges Part I: Definition and general characteristics of dental bridges, bridge parts and planning principles. Indications and kontraindikacije.Part I			
IV week exercises	Exercises follow the lectures. Clinical work with patients.			
V week lectures	Bridges Part I: Definition and general characteristics of dental bridges, bridge parts and planning principles. Indications and kontraindikacije.Part II			
V week exercises	Exercises follow the lectures. Clinical work with patients.			
VI week lectures	Bridges Part I: Definition and general characteristics of dental bridges, bridge parts and planning principles. Indications and kontraindikacije.Part III			
VI week exercises	Exercises follow the lectures. Clinical work with patients.			
VII week lectures	Bridges Part I: Definition and general characteristics of dental bridges, bridge parts and planning principles. Indications and kontraindikacije.Part IV			
VII week exercises	Exercises follow the lectures. Clinical work with patients.			
VIII week lectures	Bridges Part II: Planning span bridges. Display and interpretation of particular solutions in therapy edentulousness bridge constructions.			
VIII week exercises	Exercises follow the lectures. Clinical work with patients.			

IX week lectures	Fixed compensation for non-parallel Abutment dental bridges.
IX week exercises	Exercises follow the lectures. Clinical work with patients.
X week lectures	Dedicated fixed compensation, part I
X week exercises	Exercises follow the lectures. Clinical work with patients.
XI week lectures	Dedicated fixed compensation, part II
XI week exercises	Exercises follow the lectures. Clinical work with patients.
XII week lectures	Persistence fixed restorations, part I
XII week exercises	Exercises follow the lectures. Clinical work with patients.
XIII week lectures	Persistence fixed restorations, part II
XIII week exercises	Exercises follow the lectures. Clinical work with patients.
XIV week lectures	Binding of fixed restorations for abutment teeth, part II
XIV week exercises	Exercises follow the lectures. Clinical work with patients.
XV week lectures	Binding of fixed restorations for abutment teeth, part II
XV week exercises	Exercises follow the lectures. Clinical work with patients.
XVI week lectures	
XVI week exercises	
XVII week lectures	
XVII week exercises	
XVIII week lectures	
XVIII week exercises	
XIX week lectures	
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XXVI week exercises	
XXVII week lectures	
XXVII week exercises	
XXVIII week lectures	
XXVIII week exercises	
XXIX week lectures	
XXIX week exercises	
XXX week lectures	Klinički rad sa pacijentom; Izrada fiksnih stomatoprotetskih nadoknada.
XXX week exercises	
Student workload	Weekly 6.5 credits x 40/30 equals 8.6 hours Structure: 1 cup of lectures and 5 hours of exercises 1.6

		test including consultations 2-hour seminar per semester Teaching and the final exam (8,6h x 16 equals 137, 6h) Necessary preparation (before semester enrollment, etc ...) 8,6h x 2 equals 17,2h Total load: 6.5 x 30 equals 195H additional work 40,2h structure opterećenja 137.6h + 17,2h + 40.4h				
Per week		Per semester				
14 credits x 40/30=18 hours and 40 minuts 1 sat(a) theoretical classes 0 sat(a) practical classes 5 excercises 12 hour(s) i 40 minuts of independent work, including consultations		Classes and final exam: 18 hour(s) i 40 minuts x 16 =298 hour(s) i 40 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 18 hour(s) i 40 minuts x 2 =37 hour(s) i 20 minuts Total workload for the subject: 14 x 30=420 hour(s) Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) 84 hour(s) i 0 minuts Workload structure: 298 hour(s) i 40 minuts (courses), 37 hour(s) i 20 minuts (preparation), 84 hour(s) i 0 minuts (additional work)				
Student obligations		The presence of students in theoretical and practical lectures is required. Presentation of the seminar work and participation in the discussion on the topic is required and assessed.				
Consultations		The teacher and associates held consultations with students once a week, in the period that is defined at the beginning of the semester.				
Literature		D. Trifunovic, Vujosevic Lj: Fixed compensation, the first part, ECPD, Belgrade, in 1998. Radlović-Pantelic S: Prosthodontics-fixed compensation, the second part, the University of Belgrade in 1998.				
Examination methods		2 test carries 5 points (10 points total) Seminar 9 points The presence of theoretical teaching 10 points Practical classes (fulfillment of program 10 points, manual dexterity 5 points, theoretical preparedness of 5 points) a total of 20 points Final				
Special remarks		No				
Comment		No				
Grade:	F	E	D	C	B	A
Number of points	less than 50 points	greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points