



Course: Fixed prosthodontics

Course Coordinator: Ivone Uhač, DMD, PhD, Full Professor

Department: Department of Prosthodontics

Study program: University Integrated Undergraduate and Graduate Study of Dental Medicine
(in English)

Study year: 4.

Academic year: 2024./25.

SYLLABUS

Course description (a brief description of the course, general instructions, where and in what form the lessons are organized, necessary equipment, instructions for attendance and preparation for classes, student obligations, etc.):

The course FIXED PROSTHETICS is a compulsory subject and consists of 30 hours of lectures, 60 hours of seminars and 165 hours of clinical exercises, 255 hours -17 ECTS. The course takes place in specialist dental prosthetics offices, in the premises of the Clinic for Dental Medicine, Krešimirova 40.

The aim of the course is to train the student for the diagnosis and treatment of damaged or lost chewing units that cannot be compensated by conservative dental-medical procedures, the prevention of harmful consequences of damage and loss of teeth, the re-establishment and maintenance of proper function and aesthetics by making replacements that are attached to the supporting teeth. The goal is to acquaint students with the basic clinical procedures for making fixed prosthetic restorations, from the simplest, partial fixed restorations, to complex fixed prosthetic rehabilitation, combined fixed and mobile restorations, and fixed restorations supported by implants. Special emphasis is placed on team, interdisciplinary cooperation with doctors of different specialties in order to provide complex cases of oral rehabilitation. The student will be trained for independent practical work on patients.

The task of the course is that through lectures, exercises and seminars, the student acquires all the knowledge and skills necessary for planning and making fixed prosthetic replacements.

Course content:

Anamnesis, clinical examination, fixed prosthetic diagnosis and therapy plan. Periodontological aspects of fixed prosthetic work. Preparation of teeth and mouth for fixed prosthetic therapy. Anesthesia. Teeth grinding - clinical approach, Impression procedures - clinical approach. Shape, color, aesthetics of natural and artificial teeth. Conventional and adhesive cement systems. Durability and complications during the use phase of fixed prosthetic works.

Biomechanics of carrier teeth. Crowns - division, indications, contraindications. Temporary crowns, full metal, faceted, metal-ceramic, full acrylate, full ceramic, partial, modified, telescopic and cone crowns, crown on stake, inlay, onlay, overlay, aesthetic shell.



Definition and basic parts of the bridge, indications, contraindications. The body of the bridge. Bridge statics. Acrylate, immediate, temporary bridges, inlay bridges, suspension bridges, removable bridges, adhesive, metal-ceramic bridges. Planning. Rehabilitation of the stomatognathic system with fixed prosthetic restorations. Crowns and bridges in combined prosthetic works. Crowns and bridges on implants.

Conducting classes:

Classes are held continuously during the VII, VIII, IX, X and XI semesters in the form of lectures, seminars and exercises - 255 hours (P30 + S60 + V165). During the seminar, students actively participate in presentations, presentations and discussions related to a particular theoretical unit. During the clinical exercises, the teacher demonstrates individual clinical phases, and the student, under the supervision of the teacher, is gradually trained and becomes independent in performing practical clinical tasks on the patient. Two mandatory colloquiums will be held during the class, and at the end of the class a practical and oral exam. By completing all teaching activities and attending mandatory colloquiums and the final exam, the student acquires 17.0 ECTS points.

Assigned reading:

Ćatić A. et al. Clinical fixed prosthetics I: crowns. Zagreb: Medicinska naklada; 2015
Schillingburg TH., Hobo S., Whisett L., Jacobi R. Basics of fixed prosthodontics. Quintessence Publishing Co 2008.
Ćatović A. et al. Clinical fixed prosthetics, Zagreb: Faculty of Dentistry, University of Zagreb, 1999.
Clinical fixed prosthetics I" - crowns - authors: Amir Ćatić, Adnan Ćatović, Marko Jakovac, Dragutin Komar, Ivan Kovačić, Ketij Mehulić, Ivone Uhač and Denis Vojvodić. Zagreb: Medicinska naklada, 2015. Uhač I. Complete crowns - basics of grinding, Authorized lecture. 2011. <https://www.medri.hr/katedre/Protetika/novosti.php>
Uhač I. Aesthetic fixed prosthetic reconstructions - clinical and laboratory approach, Authorized lecture. 2011. <https://www.medri.hr/katedre/Protetika/novosti.php>

Optional/additional reading:

Mehulić K. Ceramic materials in dental prosthetics. Zagreb: School book; 2010
Rosentiel S., Land F., Fujimoto J. Contemporary fixed prosthodontics, 4th edition. Mosby inc. Publishing 2006
Živko-Babić J, Jerolimov V. I et al. Dental materials. Selected chapters. Zagreb: Faculty of Dentistry, 2005.
Jerolimov V. et al. Dental materials. Zagreb: Faculty of Dentistry, University of Zagreb, 2003. Gnatologij@net.hr. <http://www.sfzg.hr>.
Kraljević K. Anatomy and physiology of occlusion, Zagreb, Globus, 1991

COURSE TEACHING PLAN:

The list of lectures (with topics and descriptions):

1. First examination, medical history, clinical examination

Learning outcomes:

Describe the procedure for the first examination of a prosthetic patient

Define the clinical examination protocol of the prosthetic patient



Argue the need for information about the patient's general state of health

2. Pre-prosthetic preparation 1.

Learning outcomes:

To analyze the necessity of conservative and endodontic therapy in the preparation of a prosthetic patient

To analyze the need for periodontal therapy in the preparation of a prosthetic patient

3. Pre-prosthetic preparation 2.

Learning outcomes:

To analyze the need for surgical therapy in the preparation of a prosthetic patient

To analyze the necessity of orthodontic therapy in the preparation of a prosthetic patient

4. Crowns, types and division

Learning outcomes:

Describe the specificity of each type of crown

Argue their division

5. Full metal crown. Full acrylic crown

Learning outcomes:

Analyze the specificity of the appearance of a complete metal crown

Differentiate between indications and contraindications

Argue the specificity of the preparation

Describe the method of laboratory production

Describe the method of attachment

Analyze the specificity of the appearance of a complete acrylic crown

Differentiate between indications and contraindications

Argue the specificity of the preparation

Describe the method of laboratory production

Describe the method of attachment

6. Faceted crown

Learning outcomes:

Analyze the specificity of the appearance of the faceted crown

Differentiate between indications and contraindications

Argue the specificity of the preparation

Describe the method of laboratory production

Describe the method of attachment

7. Metal ceramic crown

Learning outcomes:

To analyze the specificity of the appearance of the metal-ceramic crown

Differentiate between indications and contraindications

Argue the specificity of the preparation

Describe the method of laboratory production

Describe the method of attachment



8. Partial crown

Learning outcomes:

- Analyze the specificity of the appearance of the partial crown**
- Differentiate between indications and contraindications**
- Argue the specificity of the preparation**
- Describe the method of laboratory production**
- Describe the method of attachment**

9. Modified crowns Crown on a stake

Learning outcomes:

- Analyze the specificity of the appearance of the modified crown**
- Differentiate between indications and contraindications**
- Argue the specificity of the preparation**
- Describe the method of laboratory production**
- Describe the method of attachment**
- Analyze the specificity of the appearance of the crown on the stake**
- Differentiate between indications and contraindications**
- Argue the specificity of the preparation**
- Describe the method of laboratory production**
- Describe the method of attachment**

10. Telescopic and cone crowns

Learning outcomes:

- Analyze the specificity of the appearance of the telescopic and cone crown**
- Differentiate between indications and contraindications**
- Argue the specificity of the preparation**
- Describe the method of laboratory production**
- Describe the method of attachment**

11. Full ceramic crown

Learning outcomes:

- To analyze the specificity of the appearance of a complete ceramic crown**
- Distinguish types of all-ceramic crowns**
- Differentiate between indications and contraindications**
- Argue the specificity of the preparation**
- Describe the method of laboratory production**
- Describe the method of attachment**

12. Color

Learning outcomes:

- Describe the phenomenon and basic characteristics of color**
- Differentiate color selection techniques**
- Compare the color of natural and artificial teeth**
- Describe laboratory color matching techniques**



13. Inlay

Learning outcomes:

Analyze the specificity of the appearance of metal and ceramic inlays

Differentiate between indications and contraindications

Argue the specificity of the preparation

Describe the method of laboratory production

Describe the method of attachment

14. Onlay. Overlay

Learning outcomes:

Analyze the specificity of the appearance of onlays and overlays

Differentiate between indications and contraindications

Argue the specificity of the preparation

Describe the method of laboratory production

Describe the method of attachment

15. Shell. Endocrone

Learning outcomes:

Analyze the specificity of the appearance of the shell and endocrown

Differentiate between indications and contraindications

Argue the specificity of the preparation

Describe the method of laboratory production

Describe the method of attachment

16. Bridges

Learning outcomes:

Describe bridge constructions in fixed prosthetics

Analyze the indications and contraindications for their creation

Compare the types of bridges

17. Choice of carrier teeth

Learning outcomes:

Analyze the criteria for the selection of bridge supports

Describe the initial indication

Describe the final indication

Analyze the biological factor of the carrier teeth

18. Body of the bridge

Learning outcomes:

Describe the shapes of the body of the bridge

Analyze layout rules

Compare the relationship of the body of the bridge with the alveolar ridge

19. Bridge statics

Learning outcomes:

Argue the rules of statics in bridge planning



Argue the loads of individual parts of the bridge

20. Wing bridges. Maryland bridges

Learning outcomes:

To analyze the specificity of the appearance of the wing and Maryland bridge

Differentiate between indications and contraindications

Argue the specificity of the preparation

Describe the method of laboratory production

Describe the method of attachment

21. Inlay bridges

Learning outcomes:

Analyze the specificity of the appearance of inlay bridges

Differentiate between indications and contraindications

Argue the specificity of the preparation

Describe the method of laboratory production

Describe the method of attachment

22. All-ceramic bridges

Learning outcomes:

Analyze the specificity of the appearance of all-ceramic bridges

Differentiate between indications and contraindications

Argue the specificity of the preparation

Describe the method of laboratory production

Describe the method of attachment

23. Fixed prosthetic rehabilitation of the masticatory system

Learning outcomes:

Argue the specificity of planning fixed replacements in the rehabilitation of the masticatory system

Describe the specificity of clinical phases of work

Analyze the use of articulators in planning and making complex fixed prosthetic restorations

24. Making fixed restorations on non-parallel supports. Removable bridges

Learning outcomes:

Describe the specificity of making fixed restorations in case of non-parallelism of the supports

Argue the choice of an appropriate prosthetic solution

To analyze the specificity of the appearance of bridges to be removed

Distinguish between indications and contraindications, advantages and disadvantages

25. Combined works

Learning outcomes:

Argue the specificity of planning combined prosthetic restorations

Compare retention agents

Argue the choice of an appropriate agent in a particular clinical case

Describe the specificity of the clinical phases of creating a combined work



Describe the method of laboratory production

Describe the method of attachment

26. Crowns and bridges on implants

Learning outcomes:

Argue the specificity of planning implantoprosthodontic therapy

To analyze the teamwork of prosthetists and surgeons

Describe the specificity of the impression and manufacturing of the implant prosthetic restoration

Describe the method of attachment

27. Bridge planning I

Learning outcomes:

Analyze an individual clinical case and propose a therapy plan

28. Bridge planning II

Learning outcomes:

Analyze an individual clinical case and propose a therapy plan

29. Durability, complications of fixed prosthesis, control examinations and maintenance of hygiene

Learning outcomes:

To analyze the elements that affect the durability of a fixed prosthesis

Describe possible complications in the useful phase

Analyze the frequency and characteristics of control inspections

Argue the specificity of maintenance and hygiene procedures in patients with fixed prosthetics

30. CAD-CAM technology in the production of fixed prosthetic restorations

Learning outcomes:

Describe the computer technology of fixed prosthetic works

Argument the optical impression

Analyze the settings of machine fabrication of restorations

The list of seminars with descriptions:

1. Conservative preprosthetic preparation

Learning outcomes:

Describe the need for all conservative procedures performed in the pre-preparatory phase of making a fixed prosthesis

2. Periodontal preprosthetic preparation

Learning outcomes:

Describe the need for all periodontal procedures performed in the pre-preparatory phase of making a fixed prosthesis

3. Periodontal prophylaxis in the manufacture of a fixed prosthetic replacement

Learning outcomes:



Understand the appearance and relationships of hard and soft tissues in the area of the neck of the tooth

Describe the possible interaction of fixed prosthetic work and marginal periodontal tissue

Describe the rules of grinding and technical production to respect the health of the surrounding tissues

4. Surgical preprosthetic preparation

Learning outcomes:

Describe the need for all surgical procedures performed in the pre-preparatory phase of making a fixed prosthesis

5. Orthodontic preprosthetic preparation

Learning outcomes:

Describe the need for all orthodontic procedures performed in the pre-preparatory phase of making a fixed prosthesis

6. Protocol for making a complete metal crown

Learning outcomes:

Analyze all phases of clinical and laboratory fabrication of a complete metal crown

7. Protocol for making a faceted crown

Learning outcomes:

Analyze all phases of clinical and laboratory fabrication of faceted crowns

8. Protocol for making metal-ceramic crown

Learning outcomes:

Analyze all phases of clinical and laboratory production of metal-ceramic crowns

9. All-ceramic systems

Learning outcomes:

Distinguish types of all-ceramic restorations

Describe the properties and application

10. Protocol for making an all-ceramic restoration 1.

Learning outcomes:

Analyze all phases of clinical and laboratory production of a complete ceramic crown

Analyze all phases of clinical and laboratory production of inlays, onlays and overlays

11. Protocol for making an all-ceramic restoration 2.

Learning outcomes:

Analyze all phases of clinical and laboratory fabrication of the shell and endocrown

12. Telescopic systems

Learning outcomes:

Analyze all phases of clinical and laboratory production of telescopic systems



13. Minimally invasive all-ceramic restorations

Learning outcomes:

Analyze all phases of clinical and laboratory fabrication of minimally invasive all-ceramic restorations

14. Complications of making and using a fixed prosthesis

Learning outcomes:

To analyze the possible complications of making and using a fixed prosthetic prosthesis

15. Aesthetics of natural and artificial teeth

Learning outcomes:

Describe the parameters that determine the naturalness of individual teeth and the smile as a whole

Apply aesthetic parameters in the production of a fixed prosthetic prosthesis

16. Selection and combination of colors in the production of a fixed prosthesis

Learning outcomes:

Describe the parameters of the optical properties of natural teeth

To analyze the techniques of achieving individual colors in fixed prosthetics

17. Bridges, indications, contraindications, division, parts

Learning outcomes:

Analyze the construction of bridges

Compare indications and contraindications for their planning

18. Therapy planning and diagnostic approach in fixed prosthetics

Learning outcomes:

Distinguish the key elements on which the planning of the bridge structure depends

Analyze the characteristics of the carrier teeth

Determine the possibility and necessity of including teeth in the prosthetic construction

19. Evaluation of the bridge structure support teeth

Learning outcomes:

Analyze the morphological characteristics of the carrier teeth

Analyze the properties of the supporting tissues of the teeth

20. Planning fixed-prosthetic compensation for the production of an individual tooth

Learning outcomes:

Argue the choice of a particular therapeutic option in the case of reconstruction of a single tooth

21. Bridge planning 1

Learning outcomes:

Argument the choice of a particular therapeutic option in the planning of smaller bridge constructions



22. Bridge planning 2

Learning outcomes:

Argument the choice of a particular therapeutic option in the planning of larger bridge constructions

23. Body of the bridge

Learning outcomes:

To compare and choose a specific form of the body of the bridge in a specific clinical case

24. Bridge statics

Learning outcomes:

Analyze different bridge structures and compare static loads

25. Acrylic, immediate and temporary bridges

Learning outcomes:

Analyze the appearance, therapeutic application and laboratory fabrication of immediate and temporary bridges

Describe direct manufacturing in the oral cavity

26. Inlay bridges. Suspension bridges

Learning outcomes:

Analyze the appearance, therapeutic application and laboratory production of inlays and suspension bridges

27. Maryland bridges

Learning outcomes:

To analyze the appearance, therapeutic application and laboratory fabrication of Maryland bridges

28. Metal-ceramic bridges

Learning outcomes:

Analyze the appearance, therapeutic application and laboratory fabrication of metal-ceramic bridges

29. All-ceramic bridges

Learning outcomes:

To analyze the appearance, therapeutic application and laboratory production of all-ceramic bridges

30. Crowns and bridges in combined fixed prosthetic restorations

Learning outcomes:

Analyze the appearance, therapeutic application and laboratory production of combined works

The list of practicals with descriptions:



Exercises from the subject Fixed prosthodontics are performed at the Clinic for Dental Medicine KBC Rijeka, in specialist offices for dental prosthodontics. The exercises are organized in small groups (4 students to one leader). Students will get to know the workplace, equipment and instruments in the prosthetic surgery. He will gradually start working on patients. Before accessing the exercises, students are required to acquire theoretical knowledge that they will perform practically. During the exercises, they will gradually acquire skills for independent work. Students will conduct an anamnesis, clinical examination, with the help of the supervisor they will set up a therapy plan, administer local anesthesia, grind teeth, take impressions of ground teeth and create temporary restorations. They will prepare teeth for extensions, use direct and indirect impression techniques. They will try on the finished works, and will attach them temporarily and permanently. At the end of the fourth year, students will work independently under the supervision of the supervisor.

Students' obligations:

Students must regularly attend and actively participate in all forms of teaching.

Assessment (exams, description of written / oral / practical exam, the scoring criteria):

ECTS credit rating system:

Student evaluation is carried out according to the valid Rulebook on studies of the University of Rijeka.

The students' work will be evaluated and evaluated during the course and in the final exam. Out of a total of 100 points, a student can get 70 points during classes, and 30 points in the final exam.

Students are graded using the ECTS (A-F) and numerical system (1-5). Grading in the ECTS system is carried out by absolute distribution.

Of the maximum 70 grade points that can be obtained during classes, the student must collect a minimum of 40 grade points in order to take the final exam. Students who collect less than 40 evaluation points will have the opportunity to take one remedial mid-term exam and, if they pass the mid-term exam, they will be able to take the final exam. Students who collect 39.9 or less grade points (F grade category) must re-enroll in the course.

To the final exam, the student is obliged to bring a completed control sheet from the clinical exercises.

The student acquires grade points by actively participating in classes and completing assigned tasks in the following way:

I. During the class, the following are evaluated (maximum 70 points):

Table 1: Evaluation of obligations of Dental Medicine students for the Fixed Prosthetics course

VALUATION Max. number of evaluation points

Colloquiums

I. colloquium - at the end of the VIII semester, 20

II. colloquium – at the end of X semester 20



40 in total

Exercises Continuous verification of theoretical and practical knowledge. The average grade is taken in the following way:

grade 2=5 points

grade 3=10 points

grade 4=15 points

grade 5=20 points 20

Seminar work

Written form (PP presentation) and oral presentation (during X semester) 10

TOTAL 70

Evaluation of the colloquium with 20 evaluation points

Colloquium 40 questions = 20 points

A student must have **50%** correct answers to pass. Each further answer is multiplied by a coefficient of 0.5 and the number of points on the colloquium is obtained (20/40). If the student does not pass the colloquium on the 1st deadline, another deadline will be organized for him.

Final exam (30 marks in total)

Who can take the final exam:

Students who successfully passed I. and II. colloquium and which were positively evaluated on student exercises. Students who have obtained more than 40 points during the course must take the final exam, where they can obtain a maximum of 30 points.

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Who cannot take the final exam:

Students who did not successfully pass I. and II. colloquium and which were not positively evaluated on student exercises. Students who obtained less than 40 points during the course do not have the right to sit for the final exam.

The final exam is practical, written and oral. It carries 30 evaluation points.

Evaluation of the final exam with 30 marks

5 points - practical part of the exam

5 points - written part of the exam

20 points - oral part of the exam

For a positive evaluation of the final exam, all three parts must be successfully passed. In order for a student to be evaluated with a final grade, he must successfully pass the final exam. If he does not pass the final exam, he will receive a negative grade overall. The student has the right to take the next exam period.

Formation of the final grade:

The grades achieved during the VII, VIII, IX, X and XI semesters are joined by the points achieved in the final exam. Based on the total sum of points, students are evaluated as follows:



- A (5) – 90-100 grade points**
B (4) – 75-89.99 grade points
C (3) – 60-74.99 grade points
D (2) – 50-59.99 grade points
F (1) – 0-49.99 grade points

The numerical evaluation system is compared with the ECTS system as follows: A - excellent (5), B - very good (4), C - good (3), D - sufficient (2), F - insufficient (1).

Other important information regarding to the course:

COURSE SCHEDULE (for the academic year 2024/2025)

Date	Lectures (time and place)	Seminars (time and place)	Practicals (time and place)	Instructor
01.10.2024.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
04.10.2024.	13.15-14.00 P1			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S1		Prof.dr.sc. Ivone Uhač dr. med. dent.
08.10.2024.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
11.10.2024.	13.15-14.00 P2			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S2		Prof.dr.sc. Ivone Uhač dr. med. dent.
15.10.2024.			9.30-11.00	Prof.dr.sc. Vlatka Debeljak, dr.med.dent.



			V1 Grup E	Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
18.10.2024.	13.15-14.00 P3			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S3		Prof.dr.sc. Ivone Uhač dr. med. dent.
22.10.2024.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
25.10.2024.	13.15-14.00 P4			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S4		Prof.dr.sc. Ivone Uhač dr. med. dent.
29.10.2024.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
05.11.2024.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
08.11.2024.	13.15-14.00 P5			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S5		Prof.dr.sc. Ivone Uhač dr. med. dent.
12.11.2024.			9.30-11.00	Prof.dr.sc. Vlatka Debeljak,



			V1 Grup E	dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
15.11.2024.	13.15-14.00 P6			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S6		Prof.dr.sc. Ivone Uhač dr. med. dent.
19.11.2024.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
22.11.2024.	13.15-14.00 P7			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S7		Prof.dr.sc. Ivone Uhač dr. med. dent.
26.11.2024.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
29.11.2024.	13.15-14.00 P8			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S8		Prof.dr.sc. Ivone Uhač dr. med. dent.
03.12.2024.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
06.12.2024.	13.15-14.00			Prof.dr.sc. Ivone Uhač dr. med.



	P9			dent.
		14.00-14.45 S9		Prof.dr.sc. Ivone Uhač dr. med. dent.
10.12.2024.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
13.12.2024.	13.15-14.00 P10			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S10		Prof.dr.sc. Ivone Uhač dr. med. dent.
17.12.2024.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
20.12.2024.	13.15-14.00 P11			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S11		Prof.dr.sc. Ivone Uhač dr. med. dent.
07.01.2024.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
10.01.2024.	13.15-14.00 P12			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S12		Prof.dr.sc. Ivone Uhač dr. med. dent.
14.01.2025.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15	Prof.prim.dr.sc. Daniela Kovačević



			V1 Grup F	Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
17.01.2025.	13.15-14.00 P13			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S13		Prof.dr.sc. Ivone Uhač dr. med. dent.
21.01.2025.			9.30-11.00 V1 Grup E	Prof.dr.sc. Vlatka Debeljak, dr.med.dent. Prof. dr. sc. Sunčana Simonić Kocijan dr. med. dent
			17.45-19.15 V1 Grup F	Prof.prim.dr.sc. Daniela Kovačević Pavičić, dr.med.dent. Ana Domitrović dr. med. dent.
24.01.2025.	13.15-14.00 P14			Prof.dr.sc. Ivone Uhač dr. med. dent.
		14.00-14.45 S14		Prof.dr.sc. Ivone Uhač dr. med. dent.
26.02.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
28.02.2025.	11.45-12.30 P15			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15 S15		Prof.dr.sc. Ivone Uhač dr. med. dent.
05.03.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
07.03.2025.	11.45-12.30 P16			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15		Prof.dr.sc. Ivone Uhač dr. med.



		S16		dent.
12.03.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
14.03.2025.	11.45-12.30 P17			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15 S17		Prof.dr.sc. Ivone Uhač dr. med. dent.
19.03.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
21.03.2025.	11.45-12.30 P18			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15 S18		Prof.dr.sc. Ivone Uhač dr. med. dent.
26.03.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
28.03.2025.	11.45-12.30 P19			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15 S19		Prof.dr.sc. Ivone Uhač dr. med. dent.
02.04.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak,



				dr.med.dent.
04.04.2025.	11.45-12.30 P20			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15 S20		Prof.dr.sc. Ivone Uhač dr. med. dent.
09.04.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
11.04.2025.	11.45-12.30 P21			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15 S21		Prof.dr.sc. Ivone Uhač dr. med. dent.
16.04.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
18.04.2025.	11.45-12.30 P22			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15 S22		Prof.dr.sc. Ivone Uhač dr. med. dent.
23.04.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
25.04.2025.	11.45-12.30 P23			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15 S23		Prof.dr.sc. Ivone Uhač dr. med. dent.
30.04.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.



			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
02.05.2025.	11.45-12.30 P24			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15 S24		Prof.dr.sc. Ivone Uhač dr. med. dent.
07.05.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
09.05.2025.	11.45-12.30 P25			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15 S25		Prof.dr.sc. Ivone Uhač dr. med. dent.
14.05.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
16.05.2025.	11.45-12.30 P26			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15 S26		Prof.dr.sc. Ivone Uhač dr. med. dent.
21.05.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
23.05.2025.	11.45-12.30 P27			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15		Prof.dr.sc. Ivone Uhač dr. med.



		S27		dent.
28.05.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
04.06.2025.			11.00-12.30 V16 Grup E	Prof.dr.sc. Ivone Uhač dr. med. dent. Davor Vučinić dr. med. dent.
			11.00-12-30 V16 Grup F	Prof. dr. sc. Zoran Kovač dr. med. dent. Prof.dr.sc. Vlatka Debeljak, dr.med.dent.
06.06.2025.	11.45-12.30 P28			Prof.dr.sc. Ivone Uhač dr. med. dent.
		15.30-16.15 S28		Prof.dr.sc. Ivone Uhač dr. med. dent.

List of lectures, seminars and practicals:

	LECTURES (Topics)	Teaching hours	Location/Lecture room
P1	First examination, medical history, clinical examination	1	Krešimirova 40
P2	Pre-prosthetic preparation 1.	1	Krešimirova 40
P3	Pre-prosthetic preparation 2.	1	Krešimirova 40
P4	Crowns, types and division	1	Krešimirova 40
P5	Full metal crown. Full acrylic crown	1	Krešimirova 40
P6	Faceted crown	1	Online
P7	Metal ceramic crown	1	Online
P8	Partial crown	1	Online
P9	Modified crowns Crown on stake	1	Online
P10	Telescopic and cone crowns	1	Online
P11	Full ceramic crown	1	Online
P12	Color	1	Online
P13	Inlay	1	Online
P14	Onlay. Overlay	1	Online
P15	Shell. Endocrone	1	Online



P16	Bridges	1	Online
P17	Choice of carrier teeth	1	Online
P18	The body of the bridge	1	Online
P19	Bridge statics	1	Online
P20	Wing bridges. Maryland bridges	1	Online
P21	Inlay bridges	1	Online
P22	All-ceramic bridges	1	Online
P23	Fixed prosthetic rehabilitation of the masticatory system	1	Online
P24	Fabrication of fixed restorations on non-parallel supports. Removable bridges	1	Online
P25	Combined works	1	Online
P26	Crowns and bridges on implants	1	Online
P27	Bridge planning I	1	Online
P28	Bridge planning II	1	Online
P29	Durability, complications of fixed prosthesis, control examinations and maintenance of hygiene	1	Online
P30	Cad-cam technology in fixed prosthetics	1	Online
TOTAL TEACHING HOURS		30	

	SEMINARS (Topics)	Teaching hours	Location/Lecture room
S1	Conservative preprosthetic preparation	1	Krešimirova 40
S2	Periodontal preprosthetic preparation	1	Krešimirova 40
S3	Periodontal prophylaxis in the manufacture of fixed prosthetic restorations	1	Krešimirova 40
S4	Surgical preprosthetic preparation	1	Krešimirova 40
S5	Orthodontic preprosthetic preparation	1	Krešimirova 40
S6	Protocol for making a complete metal crown	1	Online
S7	Protocol for making a faceted crown	1	Online
S8	Protocol for making a metal-ceramic crown	1	Online
S9	All-ceramic systems	1	Online
S10	Protocol for making an all-ceramic restoration 1.	1	Online
S11	Protocol for making an all-ceramic restoration 2.	1	Online
S12	Telescopic systems	1	Online
S13	Minimally invasive all-ceramic restorations	1	Online



S14	Complications of making and using a fixed prosthesis	1	Online
S15	Aesthetics of natural and artificial teeth, color	1	Online
S16	Selection and combination of colors in the production of fixed prosthetics	1	Online
S17	Bridges, indications, contraindications, division, parts	1	Online
S18	Therapy planning and diagnostic approach	1	Online
S19	Assessment of supporting teeth of bridge structures	1	Online
S20	Planning fixed-prosthetic compensation for the production of an individual tooth	1	Online
S21	Bridge planning 1	1	Online
S22	Bridge planning 2	1	Online
S23	The body of the bridge	1	Online
S24	Bridge statics	1	Online
S25	Acrylic, immediate and temporary bridges	1	Online
S26	Inlay bridges, suspension bridges	1	Online
S27	Maryland bridges	1	Online
S28	Metal-ceramic bridges	1	Online
S29	All-ceramic bridges	1	Online
	TOTAL TEACHING HOURS	29	

	PRACTICALS (Topics)	Teaching hours	Location/Lecture room
V1	Clinical work on models and patients	2	Krešimirova 40
V2	Clinical work on models and patients	2	Krešimirova 40
V3	Clinical work on models and patients	2	Krešimirova 40
V4	Clinical work on models and patients	2	Krešimirova 40
V5	Clinical work on models and patients	2	Krešimirova 40
V6	Clinical work on models and patients	2	Krešimirova 40
V7	Clinical work on models and patients	2	Krešimirova 40
V8	Clinical work on models and patients	2	Krešimirova 40
V9	Clinical work on models and patients	2	Krešimirova 40
V10	Clinical work on models and patients	2	Krešimirova 40
V11	Clinical work on models and patients	2	Krešimirova 40
V12	Clinical work on models and patients	2	Krešimirova 40
V13	Clinical work on models and patients	2	Krešimirova 40
V14	Clinical work on models and patients	2	Krešimirova 40



V15	Clinical work on models and patients	2	Krešimirova 40
V16	Clinical work on models and patients	2	Krešimirova 40
V17	Clinical work on models and patients	2	Krešimirova 40
V18	Clinical work on models and patients	2	Krešimirova 40
V19	Clinical work on models and patients	2	Krešimirova 40
V20	Clinical work on models and patients	2	Krešimirova 40
V21	Clinical work on models and patients	2	Krešimirova 40
V22	Clinical work on models and patients	2	Krešimirova 40
V23	Clinical work on models and patients	2	Krešimirova 40
V24	Clinical work on models and patients	2	Krešimirova 40
V25	Clinical work on models and patients	2	Krešimirova 40
V26	Clinical work on models and patients	2	Krešimirova 40
V27	Clinical work on models and patients	2	Krešimirova 40
V28	Clinical work on models and patients	2	Krešimirova 40
V29	Clinical work on models and patients	2	Krešimirova 40
V30	Clinical work on models and patients	2	Krešimirova 40
TOTAL TEACHING HOURS		60	