



Sveučilište u Rijeci • Fakultet dentalne medicine
University of Rijeka • Faculty of Dental Medicine

Course: Restorative dental medicine

Course Coordinator: Prof. Alen Braut, PhD, DMD

Department: Endodontics and restorative dentistry

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

Study year: 4th

Academic year: 2023 / 2024

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.):

Restorative dental medicine is a mandatory course on the Integrated undergraduate and graduate university study Dental medicine on the third, fourth and fifth year of study. On the fourth year the course is comprised of 8 hours of lectures, 25 hours of seminars and 90 hours of clinical practicals (9ECTS). The course is held in the premises of the Clinical hospital centre Rijeka and the Faculty of dental medicine, University of Rijeka.

The aim of the course is to acquire basic knowledge and clinical skills in the field of restorative dentistry. The goal is to introduce the students to modern materials used for temporary and permanent cavity restoration. Special attention is given to mastering the necessary clinical skill during clinical practicals.

Course contents:

Advanced techniques in restorative dentistry. Recognition and management of dental pain.

Treatment planning in pregnant patients and patients with systemic disease. Placement of root canal posts.

Class:

Class is held in the form of lectures, practicals and seminars. Teachers will discuss with students about specific tasks on each practical. During the VII semester one mandatory colloquium which needs to be passed successfully in order to attend and work on further clinical practicals on the VIII semester.

By completing all the tasks and passing the mandatory colloquium students acquire 9 ECTS points.

Assigned reading:

Mouth GJ, Hume WR, Ngo HC, Wolff MS. Preservation and restoration of tooth structure. 3rd edition. Wiley Blackwell. 2016.

Optional/additional reading:

Textbook of Operative Dentistry: N.Garg, A.Garg. The Health Sciences Publisher, New Delhi, London, Philadelphia, Panama; 3rd Ed. 2015.

COURSE TEACHING PLAN:**The list of lectures (with topics and descriptions):****L1 Minimally invasive dental medicine**

Learning outcomes: Define contemporary minimally invasive treatment procedures applied to hard dental tissues

L2 Advancements in diagnostics of diseased hard dental tissues

Learning outcomes: Define new diagnostic procedures for identifying diseased hard dental tissues

L3 Advancements in aesthetic dental materials

Learning outcomes: Define the composition and working procedures with contemporary aesthetic restorative materials

L4 Restorative procedures in medically compromised patients

Learning outcomes: Define the specific treatment procedures performed during pregnancy and in patients with systemic disease (diabetes, blood diseases, cardiovascular and immune diseases)

L5 Dentine sensitivity, pulpal response to irritation

Learning outcomes: Define dental pain that is not caused by pulpal or periodontal disease. Explain the materials and treatment procedures.

L6 Root canal posts

Learning outcomes: Explain the use of root canal posts, the indications and contraindications of use.

L7 Cast, ceramic and composite indirect restorations (inlay, onlay, overlay)

Learning outcome: Define restorative procedures in cases of severe loss of hard dental tissues

L8 Advancements in restorative dental medicine

Learning outcomes: Discuss new advancements in diagnostics and treatment procedures in restorative dental medicine

The list of seminars with descriptions:**VII. Semester****S1 Local anesthesia in dental medicine**

Learning outcomes: Define local anesthetics in dental medicine: composition, dosage, treatment effect and pharmacokinetics.

S2 Local anesthesia techniques in the maxilla

Learning outcomes: List and describe techniques of local anesthesia in the maxilla

S3 Local anesthesia techniques in the mandibulla

Learning outcomes: List and describe techniques of local anesthesia in the mandibulla

S4 Minimally invasive restorative treatment

Learning outcomes: Define minimally invasive technique in restorative dentistry

S5 Indirect pulp capping

Learning outcomes: Describe indirect pulpal capping procedures and the material used.

S6 Direct pulp capping

Learning outcomes: Describe direct pulpal capping procedures and the material used.

S7 Coronal restoration of endodontically treated teeth – Case report

Learning outcomes: Evaluate and comment the treatment procedure of restoring endodontically treated teeth – direct/indirect restorations

S8 Atypical cavity preparations and direct coronal restoration – case report

Learning outcomes: Evaluate and comment cavity preparations that are not prepared on typical locations of carious lesions

VIII Semester

Seminars (S1-S7) are based on case reports that students have completed on clinical practicals.

S1 Class I composite restoration – Case report

Learning outcomes: Describe and present the restorative procedure: Cavity preparation, restoration placement, finishing and polishing. Document phases with photographs and present them.

S2 Class II composite restoration – Case report

Learning outcomes: Describe and present the restorative procedure: Cavity preparation, restoration placement, finishing and polishing. Document phases with photographs and present them.

S3 Class III composite restoration – Case report

Learning outcomes: Describe and present the restorative procedure: Cavity preparation, restoration placement, finishing and polishing. Document phases with photographs and present them.

S4 Class IV composite restoration – Case report

Learning outcomes: Describe and present the restorative procedure: Cavity preparation, restoration placement, finishing and polishing. Document phases with photographs and present them.

S5 Treatment of noncarious lesions – Case report

Learning outcomes: Describe and present the restorative procedure: Cavity preparation, restoration placement, finishing and polishing. Document phases with photographs and present them.

S6 Application of bioactive materials in restorative dental medicine - Case report

Learning outcomes: Analyze new materials in the field of restorative dental medicine, document with photographs the treatment procedures and present them

S7 Composite veneers– Case report

Learning outcomes: Describe and present the restorative procedure: Cavity preparation, restoration placement, finishing and polishing. Document phases with photographs and present them.

S8 Non complicated dental crown trauma and treatment procedures

Learning outcomes: Differentiate, comment and categorize procedures of dental trauma diagnosis and treatment

S9 Complicated dental crown trauma and treatment procedures

Learning outcomes: Differentiate, comment and categorize procedures of dental trauma diagnosis and treatment

S10 New advancements in restorative dental medicine

Learning outcomes: Define contemporary diagnostic and treatment procedures in restorative dental medicine

On clinical practicals in the VII and VIII semester the student conducts dental examinations, diagnostic procedures, treatment planning and treatment procedures under the supervision of clinical practicals supervisors.

P1- P15 Dental examination, dental status, treatment planning, minimally invasive procedures, treatment of caries lesions – Caries media, Caries profunda.

Learning outcomes:

Analyze the patient of informed consent

Conduct dental examination and diagnostic procedures

Educate patients about oral hygiene procedures

Planning of treatment procedures

Establish working field isolation

Cavity preparation

Identification and handling of restorative materials

Material selection depending on indications

Students' obligations:

Students are obliged to regularly attend, actively participate and complete assignments in all forms of teaching.

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

Student evaluation is carried out according to the valid Rulebook on Studies of the University of Rijeka. The students' work will be evaluated during the course and 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.

During the semester and the final exam, students will be able to collect a maximum of 100 grade points (a maximum of 70 grade points during the semester and a maximum of 30 grade points during the final exam).

During the semester, a student can collect a maximum of 70 grade points (Table 1).

Of these, 30 in 3 colloquia, 10 in seminar work, 30 during exercises with continuous verification of theoretical and practical knowledge.

Colloquia will be held in written form at the end of the V., VI. and VIII. semester.

Positive evaluation of the TERMS taken in V and VI. semester and active participation in classes is a condition for acquiring 4.5 ECTS credits and access to clinical exercises in VII. semester.

Exercise leaders will evaluate theoretical knowledge and practical work on the patient (refers to clinical exercises). The average grade will be used for the final scoring. Students who do not pass one of the colloquia (less than 50% of the test solved) will be given one remedial colloquium. During the course, the student must collect a minimum of 35 grade points in order to be able to take the final exam. A student who has obtained 35 or more points during the course can take the final exam, where he can obtain a maximum of 30 points. A student who collects a total of less than 35 grade points during classes is not satisfied, and is graded as failing (F) and must re-enroll in the course.

The final exam is written and oral, and includes material determined by the course plan and program. A maximum of 30 evaluation points can be collected on the final exam (10 points on the written and 20 points on the oral part of the exam). The final grade of the exam is formed according to the total activity of the student, i.e. from the grade points collected during the semester and the grade points on the final exam.

In order for a student to be evaluated with a final grade, he must successfully pass the final exam. For a positive evaluation of the final exam, the written and oral parts must be successfully completed. To the final exam, the student is obliged to bring a completed control sheet from the clinical exercises. If he does not pass the final exam, he will receive a negative grade. The student has the right to take the next exam period.

Student evaluation:

Average grade on practicals (A-C)	Average grade on practicals (5-1)	Total average grade on practicals	Grade points
A	5	4,5- 5	30
A/B	4	3,5- 4,49	25
B	3	2,50- 3,49	20
B/C	2	2- 2,49	15
C	1	0- 1,99	0

Table 2. The practicals are evaluated and translated into evaluation points

Correct answers	Grade	Correct answers	Grade
0-10	0	18	8
11	1	19	9
12	2	20	10
13	3		
14	4		
15	5		
16	6		
17	7		

Table 3. Colloquia evaluation

Evaluation of the colloquium with 10 evaluation points

Colloquy 20 questions = 10 points

A student must have 50% correct answers to pass.

Evaluation of the final exam with 30 marks

10 points - written part of the exam

20 points - oral part of the exam

Formation of the final grade:

The grades obtained during the semester are joined by the points obtained on the final exam. Based on the total sum of points, students are evaluated as follows:

A (5) – 90-100 grade points

B (4) – 75-89.9 grade points

C (3) – 60-74.9 grade points

D (2) – 50-59.9 grade points

F (1) – 0-49.9 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:

Retaking the course:

In case of re-enrolling the course the students have the same responsibilities as the first time attendees and are obliged to regularly attend, actively participate and complete assignments in all forms of teaching.

COURSE SCHEDULE (for academic year 2023/24)

Date	Lectures (time and place)	Seminars (time and place)	Practicals (time and place)	Instructor
02.10.2023.	L1 (12.00 -13.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
03.10.2023.		S1 (13.00 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
			P1 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P1 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
05.10.2023.			P1 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
			P1 C (10.15 – 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
09.10.2023.	L2 (12.00 -13.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
10.10.2023.		S2 (13.00 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
			P2 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P2 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
12.10.2023.			P2 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
			P2 C (10.15 – 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
16.10.2023.	L3 (12.00 -13.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
17.10.2023.		S3 (13.00 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
			P3 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P3 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
19.10.2023.			P3 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
			P3 C (10.15 – 12.30)	Prof. Alen Braut, PhD, DMD

			Krešimirova 40	Ivana Vidović Zdrilić, PhD, DMD
23.10.2023.	L4 (12.00 -13.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
24.10.2023.		S4 (13.00 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
			P4 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P4 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
26.10.2023.			P4 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
			P4 C (10.15 – 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
30.10.2023.	L5 (12.00 -13.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
31.10.2023.		S5 (13.00 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
			P5 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P5 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
02.11.2023.			P5 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
			P5 C (10.15 – 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
06.11.2023.	L6 (12.00 -13.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
07.11.2023.		S6 (13.00 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
			P6 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P6 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
09.11.2023.			P6 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
			P6 C (10.15 – 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
13.11.2023.	L7 (12.00 -13.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
14.11.2023.		S7 (13.00 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
			P7 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P7 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
16.11.2023.			P7 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
			P7 C (10.15 – 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD

20.11.2023.	L8 (12.00 -13.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
21.11.2023.		S8 (13.00 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
			P8 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P8 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
23.11.2023.			P8 D (8.00-10.15) Krešimirova 40	Doc. dr. sc. Damir Šnjarić Elvis Božac, dr.med.dent.
			P8 C (10.15 – 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
28.11.2023.			P9 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P9 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
30.11.2023.			P9 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
			P9 C (10.15 – 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
05.12.2023.			P10 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P10 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
07.12.2023.			P10 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
			P10 C (10.15 – 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
12.10.2023.			P11 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P11 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
14.12.2023.			P11 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
			P11 C (10.15 – 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
18.12.2023.			P12 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P12 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
21.12.2023.			P12 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
			P12 C (10.15 – 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
09.1.2024.			P13 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P13 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
11.1.2024.			P13 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD

		P13 C (10.15 –12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
16.1.2024.		P14 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
		P14 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
19.01.2024.		P14 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
		P14 C (10.15 –12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
23.1.2024.		P15 B (14.00-16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
		P15 A (16.15-18.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
25.01.2024.		P15 D (8.00-10.15) Krešimirova 40	Asst. Prof. Damir Šnjarić, PhD DMD Elvis Božac, DMD
		P15 C (10.15 –12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
27.02.2024.		P1 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
		P1 D (16.15 – 18.45) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
29.02.2024.		P1 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir, PhD, DMD Ema Paljević, DMD
		P1 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir, PhD, DMD Ema Paljević, DMD
	S1 (13.15 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
05.03.2024.		VP C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
		P2 D (16.15 – 18.45) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
07.03.2024.		P2 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir, PhD, DMD Ema Paljević, DMD
		P2 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir, PhD, DMD Ema Paljević, DMD
	S2 (13.15 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
12.03.2024.		P3 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
		P3 D (16.15 – 18.45) Krešimirova 40	Prof. dr. sc. Alen Braut Elvis Božac, dr.med.dent.
14.03.2024.		P3 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir, PhD, DMD Ema Paljević, DMD
		P3 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir, PhD, DMD Ema Paljević, DMD
	S3 (13.15 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD

19.03.2024.			P4 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P4 D (16.15 – 18.45) Krešimirova 40	Prof. dr. sc. Alen Braut Elvis Božac, dr.med.dent.
21.03.2024.			P4 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD
			P4 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD
		S4 (13.15 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
26.03.2024.			P5 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P5 D (16.15 – 18.45) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
28.03.2024.			P5 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD
			P5 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD
		S5 (13.15 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
02.04.2024.			P6 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P6 D (16.15 – 18.45) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
04.04.2024.			P6 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD
			P6 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD
		S6 (13.15 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
09.04.2024.			P7 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P7 D (16.15 – 18.45) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
11.04.2024.			P7 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD
			P7 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD
		S7 (13.15 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
16.04.2024.			P8 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P8 D (16.15 – 18.45) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
18.04.2024			P8 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD
			P8 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD

		S8 (13.15 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
23.04.2024.		P9 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD	
		P9 D (16.15 – 18.45) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD	
25.05.2024.		P9 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD	
		P9 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD	
		S9 (13.15 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
30.04.2024.		P10 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD	
		P10 D (16.15 – 18.45) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD	
02.05.2024.		P10 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD	
		P10 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD	
		S10 (13.15 – 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
07.05.2024		P11 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD	
		P11 D (16.15 – 18.45) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD	
09.05.2024.		P11 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD	
		P11 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD	
14.05.2024.		P12 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD	
		P12 D (16.15 – 18.45) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD	
16.05.2024.		P12 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD	
		P12 B (10.15 – 12.30) Krešimirova 40	Doc.dr.sc.R. Peršić Bukmir Ema Paljević, dr.med.dent	
21.05.2024.		P13 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD.	
		P13 D (16.15 – 18.45) Krešimirova 40	Prof. dr. sc. Alen Braut Elvis Božac, dr.med.dent.	
23.05.2024.		P13 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD	
		P13 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD	
28.05.2024.		P14 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD	
		P14 D (16.15 – 18.45) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD	

04.06.2024.			P15 C (14.00 – 16.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
			P15 D (16.15 – 18.45) Krešimirova 40	Prof. Alen Braut, PhD, DMD Elvis Božac, DMD
06.06.2024.			P14 A (08.00 – 10.15) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD
			P14 B (10.15 – 12.30) Krešimirova 40	Asst.prof.R.Peršić Bukmir,PhD,DMD Ema Paljević, DMD

List of lectures, seminars and practicals:

	LECTURES (Topics)	Teaching hours	Location/Lecture room
L1	Minimally invasive dental medicine	1	Lecture room Krešimirova 42
L2	Advancements in diagnostics of diseased hard dental tissues	1	Lecture room Krešimirova 42
L3	Advancements in aesthetic dental materials	1	Lecture room Krešimirova 42
L4	Restorative procedures in medically compromised patients	1	Lecture room Krešimirova 42
L5	Dentine sensitivity, pulpal response to irritation	1	Lecture room Krešimirova 42
L6	Root canal posts	1	Lecture room Krešimirova 42
L7	Cast, ceramic and composite indirect restorations (inlay, onlay, overlay)	1	Lecture room Krešimirova 42
L8	Advancements in restorative dental medicine	1	Lecture room Krešimirova 42
TOTAL TEACHING HOURS		8	

	SEMINARS (Topics)	Teaching hours	Location/Lecture room
VII Semester			
S1	Local anesthesia in dental medicine	1	Lecture room Krešimirova 42
S2	Local anesthesia techniques in the maxilla	1	Lecture room Krešimirova 42
S3	Local anesthesia techniques in the mandibula	1	Lecture room Krešimirova 42
S4	Minimally invasive restorative treatment	1	Lecture room Krešimirova 42
S5	Indirect pulp capping	1	Lecture room Krešimirova 42
S6	Direct pulp capping	1	Lecture room Krešimirova 42
S7	Coronal restoration of endodontically treated teeth – Case report	1	Lecture room Krešimirova 42
S8	Atypical cavity preparations and direct coronal restoration – case report	1	Lecture room Krešimirova 42
VIII Semester			
S1	Class I composite restoration – Case report	2	Lecture room Krešimirova 42
S2	Class II composite restoration – Case report	2	Lecture room Krešimirova 42
S3	Class III composite restoration – Case report	2	Lecture room Krešimirova 42
S4	Class IV composite restoration – Case report	2	Lecture room Krešimirova 42
S5	Treatment of noncarious lesions – Case report	2	Lecture room Krešimirova 42
S6	Application of bioactive materials in restorative dental medicine - Case report	2	Lecture room Krešimirova 42
S7	Composite veneers– Case report	2	Lecture room Krešimirova 42
S8	Non complicated dental crown trauma and treatment procedures	1	Lecture room Krešimirova 42
S9	Complicated dental crown trauma and treatment procedures	1	Lecture room Krešimirova 42
S10	New advancements in restorative dental medicine	1	Lecture room Krešimirova 42
TOTAL TEACHING HOURS		25	

	PRACTICALS (Topics)	Teaching hours	Location/Lecture room
VII Semester			
P1-15	Dental examination, dental status, treatment planning, minimally invasive procedures, treatment of caries lesions – Caries media, Caries profunda.	3	Preclinical practicum, Krešimirova 42
VII Semester			
P1-15	Dental examination, dental status, treatment planning, minimally invasive procedures, treatment of caries lesions – Caries media, Caries profunda.	3	Preclinical practicum, Krešimirova 42
TOTAL TEACHING HOURS		90	

	Colloquium terms
1.	03.10.2023.
2.	10.10.2023.
3.	17.10.2023.
4.	