



Sveučilište u Rijeci
University of Rijeka



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

Krešimirova 40/42 • 51000 Rijeka • CROATIA

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University of Rijeka

FACULTY OF DENTAL MEDICINE

Course: Oral surgery

Leader: Prof. Ivan Galić, PhD, DMD

Department: Department of Oral Surgery

Study: University Integrated Undergraduate and Graduate Study of Dental Medicine

Year of study: 6th year

Academic year: 2026/2027

SYLLABUS

Information about the Course (brief course description, general instructions, teaching format and location, required equipment and materials, attendance requirements, preparation for classes, student obligations, etc.)

The Clinical Oral Surgery course is a compulsory course in the fourth, fifth, and sixth years of the Integrated Undergraduate and Graduate University Study of Dental Medicine. In the sixth year, the course is delivered during the 11th semester and consists of 60 hours of clinical practice (5 ECTS credits). Clinical training takes place at the Clinic of Dental Medicine, Clinical Hospital Centre Rijeka.

The aim of the course is to enable students to acquire the knowledge and clinical skills necessary for the diagnosis and management of oral surgical conditions. Students will learn how to obtain a comprehensive medical and dental history, perform a systematic clinical examination, and establish an appropriate differential diagnosis of pathological changes in the oral cavity.

Particular emphasis is placed on the principles and techniques of local anaesthesia, tooth extraction, and the prevention, recognition, and management of intraoperative and postoperative complications. Students will also acquire the knowledge and skills required to diagnose and manage odontogenic infections, including performing intraoral incisions and prescribing appropriate antibiotic therapy according to the clinical presentation.

During clinical training, students will learn to interpret radiographic findings relevant to the diagnosis and treatment planning of oral surgical conditions. They will become familiar with the indications for the most common oral surgical procedures, including alveolectomy and apicoectomy, as well as the diagnosis and basic principles of surgical treatment of jaw cysts and surrounding tissues. The course also covers the diagnosis and management of traumatic injuries to the teeth and alveolar ridge.

Students will be introduced to the clinical features and differential diagnosis of benign and malignant lesions of the oral cavity, enabling them to distinguish between these pathological conditions. Through clinical training, they will also become familiar with the indications for pre-prosthetic surgical procedures. By assisting during dentoalveolar surgical procedures, students will develop practical skills in surgical assistance, patient preparation, and teamwork within the oral surgery setting.



Course Content

The course content includes diagnostics in oral surgery, retained and impacted teeth, surgical management of retained and impacted teeth, alveolectomy, dental trauma, trauma of the jaws and oral cavity, odontogenic infections of the jaws and surrounding soft tissues, clinical presentation, diagnosis and treatment of odontogenic infections, antibiotic therapy for odontogenic infections, apicoectomy, biopsy techniques, alveoloplasty, suture techniques, and assisting during common oral surgical procedures.

Teaching Methods

Teaching is conducted in the form of clinical practical training. During clinical sessions, teachers demonstrate oral surgical procedures and supervise students' active participation in patient care. Students develop practical clinical skills through direct observation, supervised clinical practice, and assistance during oral surgical procedures. Each clinical session includes discussion of the indications, contraindications, treatment planning, surgical techniques, postoperative management, and possible complications associated with the procedures performed. Students are expected to participate actively in all clinical activities, maintain professional conduct, and adhere to infection control and patient safety protocols throughout the course.

List of compulsory exam literature:

- 1.Malamed S. Handbook of Local Anesthesia. Mosby. St. Louis, 2004.
- 2.Hupp JR, Ellis III E, Tucker MR. Contemporary Oral and Maxillofacial Surgery. Mosby-Elsevier. St.Louis; 2008.
- 3.Little JW, Falace DA, Miller CS, Rhodus NL. Dental Management of the Medically Compromised Patient. Mosby. St. Louis; 2008.

Supplementary Reading List

- 1.Research and clinical cases articles

Practical Exercises and Learning Outcomes

P1–P3. Assisting during apicoectomy, alveolectomy, and cystectomy

Learning outcomes:

Assist during surgical procedures, interpret and analyze radiographic findings.

P4. Assisting during the surgical removal of benign tumors

Learning outcomes:

Assist during the surgical removal of benign tumors.

P5. Tooth extractions in medically compromised patients

Learning outcomes:

Interpret the medical and dental history of medically compromised patients and perform treatment in accordance with current clinical guidelines.



P6. Intraoperative complications of tooth extraction

Learning outcomes:

Recognize, assess, and manage intraoperative complications associated with tooth extraction.

P7. Post-extraction bleeding

Learning outcomes:

Recognize, assess, and manage post-extraction bleeding.

P8. Oroantral communication

Learning outcomes:

Recognize, diagnose, and manage oroantral communication.

P9. Pericoronitis

Learning outcomes:

Recognize, diagnose, and demonstrate the management of pericoronitis.

P10. Alveolar osteitis (dry socket)

Learning outcomes:

Assess the patient's history, identify the causes of alveolar osteitis, evaluate appropriate treatment, and determine the indications for antibiotic therapy.

P11. Alveolar ridge contouring

Learning outcomes:

Describe and evaluate the indications and therapeutic options for alveolar ridge contouring.

P12. Biopsy

Learning outcomes:

Assist during biopsy procedures.

P13. Serial tooth extractions

Learning outcomes:

Perform serial tooth extractions under supervision.

P14. Alveoloplasty

Learning outcomes:

Describe, analyse, and assist in alveoloplasty procedures.

P15. Suturing techniques in oral surgery

Learning outcomes:

Demonstrate and explain suturing techniques used in oral surgery.

Student obligations:

Students are obliged to attend all lectures and exercises. Theoretical knowledge prepared based on lecture topics is mandatory for student participation in practical exercises. A maximum of 20% of each form of instruction may be missed, provided there is a valid reason. An absence exceeding 20% from any form of



instruction, regardless of the reason, disqualifies the student from taking the final exam and necessitates re-enrolling in the course during the following academic year. Two failing grades (C) received during exercises or seminars disqualify a student from taking the final exam, which entails re-enrolling in the course the following academic year.

Student assessment is conducted in accordance with the current Ordinance on Studies of the University of Rijeka. Student performance is assessed continuously throughout the course and by means of a final examination.

A maximum of 100 points can be earned during the course. Of these, 50 points may be obtained through continuous assessment during clinical practicals throughout the semester, and 50 points through the final examination.

Students are graded using both the ECTS grading scale (A–F) and the numerical grading scale (1–5). Assessment according to the ECTS grading scale is based on the absolute grading system.

To be eligible to take the final examination, students must earn a minimum of 25 points during the semester. Students who achieve 25 or more points through continuous assessment may take the final examination, in which they can earn a maximum of 50 additional points.

Students who earn fewer than 25 points during the semester are not eligible to take the final examination, receive a failing grade (F), and are required to re-enroll in the course

Average grade on each practical(A-C)	Average score on each practical (5-1)	Overall mean score of all practicals	Number of Grade Points
A	5	4,5- 5	10
A/B	4	3,5- 4,49	8
B	3	2,50- 3,49	6
B/C	2	2- 2,49	5
C	1	0- 1,99	0

Table 1: Method of evaluation of clinical practice

The final examination covers all course content specified in the course syllabus. Students may earn a maximum of 50 points in the oral examination.

The final course grade is determined based on the student's overall performance, including the points earned through continuous assessment during the semester and the points obtained in the final examination.

Before taking the final examination, students are required to submit a completed clinical practice logbook (or clinical skills record, depending on the official term used by your faculty).



The correspondence between the numerical grading system and the ECTS grading scale is as follows:

Percentage	ECTS Grade	Numerical Grade	Description
90–100%	A	5	Excellent
75–89.9%	B	4	Very Good
60–74.9%	C	3	Good
50–59.9%	D	2	Sufficient
0–49.9%	F	1	Insufficient

Possibility of conducting classes in a foreign language:

No.

Other Notes (Important Information for Students)

Any use of another person's text or any other copyrighted material, as well as the use of ChatGPT or any other tool based on artificial intelligence (AI) technology, without clear and appropriate citation of the source, shall be considered a violation of copyright and the principles of academic integrity. Such conduct constitutes a serious breach of student obligations and may result in disciplinary proceedings and the imposition of disciplinary measures in accordance with the Ordinance on Student Disciplinary Responsibility.

Course materials, announcements, and all information related to the course, including examination dates, are available on the website of the Department of Oral Surgery.

Consultation hours: Thursdays, 10:00–11:00.

TEACHING SCHEDULE (for the academic year 2026/2027)

Date	Lectures (time and place)	Seminars (time and place)	Practicals (time and place)	Teacher
28.09.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
30.09.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
5.10.2026.			17:00-20:00	Ana Barbalić, DMD



			Group E Krešimirova 40	David Šaravanja, DMD
7.10.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
12.10.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
14.10.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
19.10.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
21.10.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
26.10.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
28.10.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
2.11.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
4.11.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
9.11.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
11.11.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
16.11.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
23.11.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD



25.11.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
30.11.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
2.12.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
7.12.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
9.12.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
14.12.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
16.12.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
21.12.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
23.12.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
11.01.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
13.01.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
18.01.2026.			17:00-20:00 Group E Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
20.01.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD
25.01.2026.			17:00-20:00 Group E	Ana Barbalić, DMD David Šaravanja, DMD



			Krešimirova 40	
27.01.2026.			8:00-11:00 Group F Krešimirova 40	Ana Barbalić, DMD David Šaravanja, DMD

Schedule of Lectures, Seminars, and Practical Sessions

	Practicals (topic of the practicals)	Number of hours	Place
P1	Assisting during apicoectomy	4	Krešimirova 40 Office No.8
P2	Assisting during alveotomy	4	Krešimirova 40 Office No.8
P3	Assisting during cystectomy	4	Krešimirova 40 Office No.8
P4	Assisting during the surgical removal of benign tumours	4	Krešimirova 40 Office No.8
P5	Tooth extractions in at-risk patients	4	Krešimirova 40 Office No.8
P6	Complications of tooth extraction during the procedure	4	Krešimirova 40 Office No.8
P7	Bleeding after an ex. tooth	4	Krešimirova 40 Office No.8
P8	Oroantral communication	4	Krešimirova 40 Office No.8
P9	Pericoronitis	4	Krešimirova 40 Office No.8
P10	Alveolitis sicca – dolor post. ex.	4	Krešimirova 40 Office No.8
P11	Modeling of the alveolar ridge	4	Krešimirova 40 Office No.8
P12	Biopsy	4	Krešimirova 40 Office No.8
P13	Serial tooth extractions	4	Krešimirova 40 Office No.8
P14	Alveoloplasty	4	Krešimirova 40 Office No.8



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P15	Suturing techniques in oral surgery	4	Krešimirova 40 Office No.8
	Total	60	

	EXAM DATES (final exam)
1.	5.02.2027.
2.	26.02.2027.
3.	11.06.2027.