

Course: Clinical oral Surgery
Leader: Prof. Ivan Galić, PhD, DMD
Department: Chair of Oral Surgery
Study: Integrated Undergraduate and Graduate University Study of Dental Medicine
Year of study: VI. year
Academic year: 2025/2026

SYLLABUS

Information about the course (brief description of the course, general instructions, where and in what form classes are organized, necessary supplies, instructions on attendance and preparation for classes, student obligations, etc.):

The course **Oral Surgery** is a compulsory course in the fourth, fifth and sixth year of the Integrated Undergraduate and Graduate University Study of Dental Medicine. In Year VI, it is held during the XI semester and consists of 60 hours of exercises (**5 ECTS**). The course is carried out in the premises of the Clinic for Dental Medicine of the Clinical Hospital Center Rijeka, and in the specialist oral surgery office of the Health Center of PGC (Nikola Host Park).

The aim of the course is to demonstrate to students the proper taking of anamnesis and performing the first dental medical clinical examination with an emphasis on oral surgical problems and differential diagnosis of pathological changes in the oral cavity. The aim of the course is to enable the student to acquire knowledge and skills about local anesthesia, tooth extraction and treatment of all complications during and after extraction. Also, the goal is to enable the student to acquire the knowledge to recognize all clinical pictures of odontogenic inflammation and treatment skills, including intraoral incisions and prescribing antibiotic therapy depending on the clinical picture of odontogenic inflammation. During clinical exercises, to enable the student to analyze the appropriate radiological images necessary in the diagnosis and treatment of oral surgical case reports and to introduce the student to certain indications for the most common oral surgical operations (alveolotomy and apicoectomy), cystic processes and basic settings of surgical treatment of jaw cysts and surrounding tissues, as well as individual traumatic injuries of the teeth and alveolar ridge as well as appropriate treatment methods. By teaching differential diagnostics and the clinical picture of benign and malignant changes, students will be introduced to the differences between benign and malignant lesions. Through clinical exercises, introduce the student to certain indications for pre-prosthetic surgical procedures, and by assisting in dentoalveolar surgeries, enable the student to acquire the skill of assisting as well as prepare the patient for the procedure.

The content of the course of the 11th semester is as follows:

Diagnostics in oral surgery, retaining and impacted teeth, treatment of retained and impacted teeth,

alveolotomy, tooth trauma, trauma to the jaw and mouth, purulent inflammation of the jaw and surrounding soft tissues, clinical picture, diagnosis and treatment of odontogenic inflammation, antibiotics in the treatment of odontogenic inflammation, apicoectomy, biopsy, alveoloplasty, suture techniques, assisting in the most common oral surgical procedures.

Teaching:

Classes are carried out in the form of clinical exercises. During the exercises, the teacher shows and supervises the active participation of students in the execution of the exercises. Teachers discuss with students the specifics of performing each exercise.

List of compulsory exam literature:

1. Čabov T. Oralnokitirurški priručnik. Medicinska naklada, Zagreb, 2009.
2. Malamed S. Handbook of Local Anesthesia. Mosby. St. Louis, 2004.
3. Macan D. Analgezija u stomatologiji i samoliječenje. Hrvatski stom vjesnik, 2007;14/4:9- 14.
4. Macan D. Primjena antimikrobnih lijekova u stomatologiji. Sonda, 2003; 8/9:40-41.

Popis dopunske literature:

- 1.Hupp JR, Ellis III E, Tucker MR. Contemporary Oral and Maxillofacial Surgery. Mosby-Elsevier. St.Louis; 2008.
- 2.Little JW, Falace DA, Miller CS, Rhodus NL. Dental Management of the Medically Compromised Patient. Mosby. St. Louis; 2008.
- 3.Miše I. Oralna kirurgija. Medicinska naklada, Zagreb, 1991.
- 4.Knežević G i sur. Oralna kirurgija 2. Medicinska naklada, Zagreb, 2003.

List of compulsory exam literature:

P1-P3. Assisting with apicoectomy, alveotomy, cystectomy

Learning outcomes:

Assist in therapeutic procedures, comment and analyze radiological images

P4. Assisting in the operation of benign tumors

Learning outcomes:

Assist in the operation of benign tumors

P5. Tooth extractions in at-risk patients

Learning outcomes:

Comment on the anamnestic data of at-risk patients and acting in accordance with the guidelines

P6. Complications of tooth extraction during the procedure

Learning outcomes:

Comment and assess the complications of tooth extraction during the procedure

P7. Bleeding after an ex-tooth

Learning outcomes:

Comment on the care of bleeding after ex teeth

P8. Antropooral communication

Learning outcomes:

Comment on the emergence of antropooral communication

Q9. Perikoronitis

Learning outcomes:

Comment and demonstrate the management of perikoronitis

P10. Alveolitis sicca – dolor post. Ex.

Learning outcomes:

Analyze the history of the patient with alv.sicca, the reasons for the occurrence and assess the therapeutic procedure and the need for antibiotic therapy

P11. Modeling of the alveolar ridge

Learning outcomes:

Comment on the therapeutic possibilities of alv.ridge modeling

P12. Biopsy

Learning outcomes:

Assist with biopsy procedures

P13. Serial tooth extractions

Learning outcomes:

Perform serial tooth extractions

P14. Alveoloplastika

Learning outcomes:

Comment And Analyze Alveoloplasty

P15. Suturing techniques in oral surgery

Learning outcomes:

Demonstrate and comment on suturing techniques in oral surgery

Student obligations:

Students are required to regularly attend and actively participate in all forms of teaching.

Exam (method of taking the exam, description of the written/oral/practical part of the exam, method of scoring, assessment criteria):

The assessment of students will be carried out in accordance with the current Ordinance on Studies of the University of Rijeka. The work of students will be evaluated and evaluated during classes and at the final exam. Out of a total of 100 points, the student can earn 50 points during classes, and 50 points on the final exam.

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

During the semesters, the student can collect a maximum of 50 grade points (Table 1).

During classes, a student needs to collect a minimum of 25 grade points in order to be able to take the final exam. A student who has earned 25 or more points during classes will take the final exam where they can earn a maximum of 50 points. A student who collects less than 25 grade points during class is not satisfied, and is assessed as unsuccessful (F) and must re-enroll in the course.

Evaluation of student obligations:

	EVALUATION	Max. number of rating points
Colloquiums	I. colloquium – at the end of the VIII semester	15
	II. colloquium – at the end of the tenth semester	15
	Altogether	30
Practicals	Continuous verification of theoretical and practical knowledge. Table 2.	10
Seminar paper	Written form (PP presentation) and oral presentation	10
	ALTOGETHER	50

Table 1: Evaluation of students' obligations for the course Oral Surgery

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 2: Method of evaluation of clinical practice

Evaluation of colloquia with 15 grade points

Colloquium 30 questions = 15 points

To pass, the student must have 50% correct answers. Each further answer is multiplied by a coefficient of 0.5 and the number of points in the colloquium is obtained. Students who do not pass one of the colloquiums (less than 50% of the solved test) will be allowed one remedial colloquium.

Evaluation of the final exam with 50 points

25 points - practical part of the exam

25 points-oral part of the exam

The final exam is practical and oral, and includes the material determined by the course plan and program. A maximum of 50 points can be collected at the final exam, 25 points in the practical and 25 in the oral part of the exam. The final grade of the exam is shaped according to the student's overall activity, i.e. from the grade points accumulated during the semester and the grade points on the final exam.

In order for a student to be assessed with a final grade, he must successfully pass the final exam. For a positive grade in the final exam, the practical and oral parts must be successfully completed. To the final exam, the student is required to bring a completed controller from clinical exercises. If he fails the final exam, he will receive a negative grade. The student has the right to take the next exam period.

Final grade formatting:

The achieved grade points during the VIII, IX, X and XI semesters are joined by the points earned on the

final exam.

Grading is by absolute distribution according to the following scale:

A - 5, excellent (90-100%);
B - 4, very good (75-89.9%);
C - 3, good (60-74.9%);
D - 2, dovoljan (50-59.9%);
F - 1, nedovoljan (0-49.9%).

The numerical grading 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).

Possibility of conducting classes in a foreign language:

Not.

Other notes (related to the course) important for students:

Any use of someone else's text or other form of copyrighted work, as well as the use of ChatGPT or any other

another tool whose functionality is based on AI technology, without a clear and unambiguous citation of the source, is considered a violation of someone else's copyright and the principle of academic integrity, and represents a serious violation of student obligations, which entails disciplinary liability and disciplinary measures in accordance with

Ordinance on Disciplinary Responsibility of Students.

Teaching content and all information related to the course as well as exam dates can be found on the website of the Department of Oral Surgery.

Consultation hours: Thursdays from 10 a.m. to 11 a.m.

TEACHING SCHEDULE (for the academic year 2025/2026)

Date	Lectures (time and place)	Seminars (time and place)	Practicals (time and place)	Teacher
29.09.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
6.10.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
13.10.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
20.10.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
27.10.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD

				N.Popov, DMD
3.11.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
10.11.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
17.11.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
24.11.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
1.12.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
8.12.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
15.12.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
22.12.2025.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
12.01.2026.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD
19.01.2026.			8:00-11:00 Ord.8	A. Zulijani, PhD, DMD N.Popov, DMD

List of lectures, seminars and practicals:

	Practicals (topic of the practicals)	Number of hours	Place
P1	Assisting with apicoectomy	4	Krešimirova 40 Oralnokirurška ordinacija
P2	Assisting with alveotomy	4	Krešimirova 40 Oralnokirurška ordinacija
P3	Assisting with cystectomy	4	Krešimirova 40 Oralnokirurška ordinacija
P4	Assisting with operation of benign tumors	4	Krešimirova 40 Oralnokirurška ordinacija
P5	Tooth extractions in at-risk patients	4	Krešimirova 40 Oralnokirurška ordinacija

P6	Complications of tooth extraction during the procedure	4	Krešimirova 40 Oralnokirurška ordinacija
P7	Bleeding after an ex. tooth	4	Krešimirova 40 Oralnokirurška ordinacija
P8	Oroantral communication	4	Krešimirova 40 Oralnokirurška ordinacija
P9	Pericoronitis	4	Krešimirova 40 Oralnokirurška ordinacija
P10	Alveolitis sicca – dolor post. ex.	4	Krešimirova 40 Oralnokirurška ordinacija
P11	Modeling of the alveolar ridge	4	Krešimirova 40 Oralnokirurška ordinacija
P12	Biopsy	4	Krešimirova 40 Oralnokirurška ordinacija
P13	Serial tooth extractions	4	Krešimirova 40 Oralnokirurška ordinacija
P14	Alveoloplasty Suturing techniques in oral surgery	4	Krešimirova 40 Oralnokirurška ordinacija
Altogether		56	

	EXAM DATES (final exam)
1.	
2.	