



Course: Oral medicine

Course Coordinator: Sonja Pezelj-Ribatić, PhD, Professor

Course Collaborators: Miranda Muhvić Urek , PhD, Professor, Irena Glažar, PhD, Professor, Ella Sever, PhD, Ema Saltović, PhD

Department: Oral medicine

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

Study year: 5th

Academic year: 2025/2026

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.):

Oral medicine course is a compulsory course in the 4th and 5th year of the integrated undergraduate and postgraduate degree programme in Dentistry and comprises 45 hours of lectures, 45 hours of exercises and 45 hours of seminars (10 ECTS).

In the 5th year, the course consists of 30 hours of clinical exercises and 30 seminars (4.5 ECTS). The course takes place at the Faculty of Dentistry of the University of Rijeka.

The aim of the course is to train students for practical work on patients with oral diseases; to acquire modern knowledge of oral diseases, the possibilities of their diagnosis and treatment as well as the combination of previous knowledge from general medicine and its application in oral medicine; to acquire knowledge of the role of the oral mucosa in the function of the stomatognathic system; to impart knowledge of oral diseases caused by local factors and microorganisms, to impart knowledge of the role of oral diseases in the development of general symptoms in the human body; to prepare students for independent work on patients in the diagnosis of diseases of the oral mucosa; to enable them to choose treatment methods independently.

The content of the course is as follows:

Classification of oral diseases. Anatomical and histological features, physiological processes and pathological changes of the oral mucosa. Macroscopic features and microscopic findings of pathological changes of the oral mucosa. Defense factors in the oral cavity. Diagnostic procedures for oral diseases. Oral tests. Oral indications for laboratory tests. Genetic abnormalities of the oral mucosa. Changes in the oral mucosa in diseases of the respiratory tract, cardiovascular system, blood, kidneys and gastrointestinal tract. Changes in the oral mucosa in psychosomatic disorders, vitamin deficiencies, hormonal and metabolic disorders. Toxic reactions of the oral mucosa. Side effects of medication on the oral mucosa. Diseases of the oral mucosa in old age. Diseases of the oral mucosa at a younger age. Precancerous conditions and lesions of the oral mucosa. Paraneoplastic processes of the oral mucosa. Diseases of the salivary glands. Pain syndromes and burning in the oral mucosa. Atypical orofacial pain. Oral focal infections. Principles of therapy for oral diseases. Immunological diseases with oral manifestations. Mucocutaneous autoimmune diseases. Allergic reactions to the oral mucosa. Primary and secondary immunodeficiencies. Viral, fungal and bacterial infections of the oral mucosa.



The course is taught in the form of lectures, seminars and exercises. Attendance in class is compulsory. Students during the lecture period, they have three colloquia in which they can earn a maximum of 30 points in total (maximum 10 points in each colloquium).

During the 10th semester, students can earn 10 points through active participation, knowledge and effort in seminars.

Students can earn a further 30 points through active participation in the exercises

Head of the subject:

Prof. Ph.D.Sc. Sonja Pezelj-Ribarić

Associates:

Prof. Ph.D.Sc. Miranda Muhvić Urek

Prof. Ph.D.Sc. Irena Glažar

Ema Saltović, PhD

Ella Sever, PhD

Assigned reading:

Burket's Oral Medicine, 13th Edition. 2021 Wiley-Blackwell

S. R. Prabhu. Handbook of Oral Pathology and Oral Medicine. 2021 Wiley-Blackwell E book

Optional/additional reading:

COURSE TEACHING PLAN:

The list of seminars (with topics and descriptions):

Before the students embark on the exercises, they must acquire theoretical knowledge, which they then apply in practice. In the seminars, students will analyze and comment on the knowledge they have acquired and make suggestions for the diagnosis and treatment of oral diseases.

The list of practicals with descriptions:

The exercises of the Oral Medicine course are held at the Clinic of Dental Medicine of the Clinical Hospital Center Rijeka. Before participating in the exercises, students must acquire theoretical knowledge which they will then apply in practice. During the exercises, students will apply the acquired knowledge in practice by performing diagnostics and therapy of oral diseases.

Learning Outcomes:

Students will demonstrate taking a medical history, applying diagnostic (test and radiological) methods and reading radiological images, on the basis of which they will analyze, comment and draw conclusions as well as make a differential diagnosis and plan a therapy.



Students' obligations:

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

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

Assessment of students' work: Student grading is conducted according to the current University of Rijeka Studies and studying regulation. Students can obtain a total of 100 credits: a maximum of 50 credits during the course (seminars) and a maximum of 50 credits on the final exam. Students are allowed to take the final exam if they gain a minimum of 30 credits during the course. The final exam comprises a written exam. Students have to solve more than 50% of the exam questions. If the student does not achieve this result, he fails the exam. The final exam is mandatory. The ECTS grading system is defined by the following criteria: A (5, excellent) 90-100 credits

B (4, very good) 75-89.99 credits

C (3, good) 60-74.99 credits

D (2, sufficient) 50-59.99 credits

F (1, insufficient, fail) less than 50 credits

Other important information regarding to the course:

Any use of another's text or other form of author's work, as well as the use of ChatGPT or any of another tool whose functionality is based on artificial intelligence technology, without clear and unambiguous citation of sources, is considered a violation of someone else's copyright and the principle of academic integrity and represents serious violation of student obligations, which entails disciplinary responsibility and disciplinary measures accordingly Rulebook on disciplinary responsibility of students.

Consultation time:

COURSE SCHEDULE (for the academic year 2025/2026)

| Date | Lectures (time and place) | Seminars (time and place) | Practicals (time and place) | Instructor |
|------------|------------------------------|------------------------------|-----------------------------------|--------------------------------------|
| 1.10.2025. | | | P1 E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever, PhD |
| | | | P1F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever, PhD |
| 8.10.2025 | | | P2E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever, PhD |
| | | | P2F(15.30-17) | Ema Saltović, PhD |



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|-------------|--|--|-----------------------------------|---------------------------------------|
| | | | Krešimirova 40 | Ella Sever , PhD |
| 15.10.2025. | | | P3E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| | | | P3F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| 22.10.2025. | | | P4E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| | | | P4F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| 29.10.2025. | | | P5E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| | | | P5F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| 5.11.2025. | | | P6E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| | | | P6F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| 12.11.2025. | | | P7E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| | | | P7F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| 19.11.2025. | | | P8E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| | | | P8F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| 26.11.2025. | | | P9E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| | | | P9F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| 3.12.2025. | | | P10E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| | | | P10F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| 17.12.2025. | | | P11E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| | | | P11F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| 7.1.2026. | | | P11E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |
| | | | P11F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever , PhD |



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|-------------|--|---|-----------------------------------|--------------------------------------|
| 14.1.2026. | | | P12E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever, PhD |
| | | | P12F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever, PhD |
| 21.1.2026 | | | P13E (14-15.30) Krešimirova 40 | Ema Saltović, PhD Ella Sever, PhD |
| | | | P13F(15.30-17) Krešimirova 40 | Ema Saltović, PhD Ella Sever, PhD |
| 24.02.2026. | | S1 2 (15-30-17) Krešimirova 42 | | Prof.dr.sc. Irena Glažar |
| 3.03.2026. | | S3 4 (15-30-17) Krešimirova 42 | | Prof.dr.sc. Irena Glažar |
| 10.03.2026. | | S5 6 Krešimirova 40 | | Prof.dr.sc. Irena Glažar |
| 17.03.2026. | | S7 8 (15-30-17) Krešimirova 42 | | Prof.dr.sc. Irena Glažar |
| 24.03.2026. | | S9 10 (15-30-17) Krešimirova 42 | | Prof.dr.sc. Irena Glažar |
| 31.04.2026. | | S11 12 (15-30-17) Krešimirova 42 | | Prof.dr.sc. Irena Glažar |
| 7.04.2026. | | S13 14 (15-30-17) Krešimirova 42 | | Prof.dr.sc. Irena Glažar |
| 14.04.2026. | | S15 16(15-30-17) Krešimirova 42 | | Prof.dr.sc. Irena Glažar |
| 21.04.2026. | | S17 18 (15-30-17) Krešimirova 42 | | Prof.dr.sc. Irena Glažar |
| 5.05.2026. | | S19 20 (15-30-17) Krešimirova 42 | | Prof.dr.sc. Irena Glažar |
| 12.05.206. | | S21 22) (15-30-17) Krešimirova 42 | | Prof.dr.sc. Irena Glažar |
| 19.05.2026. | | S23 24 (15-30-17) Krešimirova 42 | | Prof.dr.sc. Irena Glažar |
| 26.05.2026. | | S25 26 | | Prof.dr.sc. Irena Glažar |



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| | | (15-30-17) Krešimirova 42 | | |
| 2.06.2026. | | S27 28 (11—12.30) Krešimirova 40 | | |

| | SEMINARS (Topics) | Teaching hours | Location/Lecture room |
|----|--|----------------|-----------------------|
| 1 | Manifestations of diseases of the digestive system on the oral mucosa. | 2 | Krešimirova 42 |
| 2 | Manifestations of respiratory system diseases on oral mucosa. | 2 | Krešimirova 42 |
| 3 | Manifestations of cardiovascular disease on oral mucosa. | 2 | Krešimirova 42 |
| 4 | Manifestations of blood disorders on oral mucosa. | 2 | Krešimirova 42 |
| 5 | Manifestations of renal diseases at the oral mucosa. | 2 | Krešimirova 42 |
| 6 | Manifestations of psychosomatic diseases on the oral mucosa. | 2 | Krešimirova 42 |
| 7 | Manifestations of hormonal disorders on the oral mucosa. | 2 | Krešimirova 42 |
| 8 | Manifestations of vitamin deficiency symptoms in the oral mucosa. | 2 | Krešimirova 42 |
| 9 | Manifestations of metabolic diseases on oral mucosa. | 2 | Krešimirova 42 |
| 10 | Diagnosis and therapy of oral diseases - case report | 2 | Krešimirova 42 |
| 11 | Diagnosis and therapy of oral diseases - case report | 2 | Krešimirova 42 |
| 12 | Diagnosis and therapy of oral diseases - case report | 2 | Krešimirova 42 |
| 13 | Diagnosis and therapy of oral diseases - case report | 2 | Krešimirova 42 |
| 14 | Diagnosis and therapy of oral diseases - case report | 2 | Krešimirova 42 |
| | TOTAL TEACHING HOURS | 28 | |

| | PRACTICALS (Topics) | Teaching hours | Location/Lecture room |
|---|--|----------------|-----------------------|
| 1 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| 2 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| 3 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| 4 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| 5 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| 6 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |



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|----|--|--|----------------|
| 7 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| 8 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| 9 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| 10 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| 11 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| 12 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| 13 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| 14 | Diagnosis and therapy of oral diseases - case report | | Krešimirova 40 |
| | TOTAL TEACHING HOURS | | |

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|----|------------|
| | Final exam |
| 1. | 16.6.2026 |
| 2. | 14.7.2026 |
| 3. | 15.9.2026 |

| | Lectures | Seminars | Practicals | Total |
|--------------|----------|----------|------------|-------|
| Total number | | 30 | 30 | 60 |
| On-line | | 10 | 10 | |
| Percentage | | | | |