



Sveučilište u Rijeci
University of Rijeka



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

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Course: Propedeutics and Diagnostics in Dental medicine

Course Coordinator: Sonja Pezelj-Ribarić, PhD, Professor

Course Collaborators: Ella Sever, DMD

Department: Oral medicine

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

(in English)

Study year: 3rd year

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.):

The course Propedeutics and Diagnostics in Dental medicine is a compulsory course in the 3rd year of the Integrated Undergraduate and Graduate University Study of Dental Medicine and consists of 10 hours of lectures and 20 hours of exercises and 5 seminars(3 ECTS). The course is held in the premises of the Clinic of Dental medicine of the Clinical Hospital Center Rijeka and the Faculty of Dental medicine University of Rijeka. The aim of this course is to familiarize the students with the equipment of the dental office, with the working instruments and the way of working in the patient's mouth by teaching all dental subjects in an interdisciplinary way through lectures and exercises. It is necessary to perform complete and specific disinfection in dentistry (rooms, apparatus and instruments), as well as cleaning and sterilization of instruments. The student must acquire knowledge of occupational safety means, diagnostic methods in dentistry and learn how to use equipment and instruments in the treatment of diseases of the teeth and oral cavity. The student must have work clothes and shoes for working on the clinical exercises that take place in the premises of the Clinic of Dentistry, Rijeka Clinical Hospital Center. The content of the course is as follows: Workplace and equipment in the dental office. Small instruments in the dental office.



Examination of the patient, protocol of the patient. Imaging diagnostics. Sterilization and disinfection. Propedeutics and diagnostics in oral surgery. Propedeutics and diagnostics in periodontology. Propedeutics and diagnostics in restorative dentistry and endodontics. Propedeutics and diagnostics in pediatric dentistry. Propedeutics and diagnostics in mobile prosthodontics. Propedeutics and diagnostics in fixed prosthodontics. Propedeutics and diagnostics in oral medicine. Propedeutics and diagnostics in orthodontics. Techniques of local anesthesia in dentistry. Conduct of teaching: Teaching is carried out in the form of lectures and exercises

Assigned reading:

Lang NP, Lindhe J. Clinical Periodontology and Implant Dentistry. 6th Edition. Blackwell Publishing Ltd. Oxford. 2015. Handouts

Optional/additional reading:

Wilkins EM. Clinical practice of the dental hygienist. Baltimore: Williams and Wilkins Harris NO, Garcia-Godoy F. Primary Preventive Dentistry (5th Edition), Prentice Hall 1999. – selected chapters Anderson MH et al. Professional prevention in dentistry. Williams & Wilkins, Baltimore, 1994. – selected chapters

COURSE TEACHING PLAN:

The list of lectures (with topics and descriptions):

L1. Introduction to the subject, workplace (equipment, instruments in dental practice).

Learning outcomes

Define the workplace and equipment in the dental office.

L2. Achieve and maintain a dry work area. Diagnostic imaging

Learning Outcomes

Acquire knowledge of achieving and maintaining a dry work field.

L3. Sterilization and disinfection



Learning Outcomes

Define and differentiate between sterilization and disinfection procedures in the dental office.

L4. Propedeutics and diagnostics in dentistry.

Learning Outcomes

Acquire knowledge of propaedeutics and diagnostics in dentistry.

L5. Propaedeutics and diagnostics in dentistry.

Learning outcomes

Acquisition of knowledge about propaedeutics and diagnostics in dentistry.

L6. Propaedeutics and diagnostics in dentistry.

Learning Outcomes

Acquisition of knowledge about propaedeutics and diagnostics in dentistry.

L7. Propaedeutics and diagnostics in dentistry

Learning outcomes

Acquisition of knowledge about propaedeutics and diagnostics in dentistry.

L8. Propaedeutics and diagnostics in dentistry.

Learning outcomes

Acquire knowledge of propaedeutics and diagnostics in dentistry.

L9. Imaging diagnostics in oral and dental medicine.

Learning Outcomes

Acquire knowledge of diagnostic imaging in oral and dental medicine.

L10. Imaging diagnostics in oral and dental medicine.

Learning Outcomes

Acquire knowledge of diagnostic imaging in oral and dental medicine



The list of practicals with descriptions:

The exercises from the course Propedeutics and Diagnostics in Dentistry will be conducted at the Faculty of dental medicine

Students' obligations:

Students are required to attend class regularly and actively participate in all forms of instruction

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

ECTS Assessment System:

Students are evaluated according to the valid study regulations of the University of Rijeka.

Students' work is evaluated and assessed during the course and in the final exam.

Students are evaluated using the ECTS (A-E) and the numerical system (1-5).

The final examination consists of an oral and a written part and covers the material specified in the course plan and programme. Both parts of the examination must be positively graded. A maximum of 15 evaluation points can be awarded for the written exam. A maximum of 15 evaluation points can also be obtained in the oral examination. A maximum of 30 evaluation points (0.75 ECTS) can be awarded for the final examination.

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: every day

COURSE SCHEDULE (for the academic year 2025/2026)

| Date | Lectures (time and place) | Seminars (time and place) | Practicals (time and place) | Instructor |
|-------------|--|--------------------------------------|---|--|
| 29.9.2025 | L1-L2 (13.30-15.00) Krešimirova 42/online | | | Sonja Pezelj-Ribaric, PHD, Professor |
| 29.9.2025. | | | P1-P3 Group A (8.30- 10.45) Group B (10.45- 13) | Ella Sever, DDM |
| 30.09.2025 | L3-L6 (9.00-12.00) Krešimirova 42/online | | | Sonja Pezelj-Ribaric, PHD, Professor Ella Sever, DDM |
| 30.09.2025. | | | P4-P6 Group A (13.00- 15.15) | Ella Sever, DDM |



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|-------------|--|--------------------|---|--|
| | | | Group B (15.15-17.30) | |
| 1.10.2025. | L7-L8 (8.30-10.00) Krešimirova 42/online | | | Sonja Pezelj-Ribaric, PHD, Professor Ella Sever, DDM |
| 1.10.2025. | | | P7-P8 Group A (10.30-12.00) Group B (12.00-13.30) | Ella Sever, DDM |
| 2.10.2025. | | | P9-P11 Group A (8.30-10.45) Group B (10.45-13) | Ella Sever, DDM |
| 3.10. 2025. | L9-L10 (8.30-10.00) Krešimirova 42/online | | | Sonja Pezelj-Ribaric, PHD, Professor Ella Sever, DDM |
| 6.9.2025. | | | P12-P14 Group A (8.30-10.45) Group B (10.45-13) | Ella Sever, DDM |
| 7.10.2025 | | S1-S5 (8.30-12.15) | | Sonja Pezelj-Ribaric, PHD, Professor |
| 8.10.2025. | | | P15-P17 Group A (8.30-10.45) Group B (10.45-13) | Ella Sever, DDM |
| | | | P18-P20 Group A (8.30-10.45) | Ella Sever, DDM |



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|-------------|------|--|--------------------|--|
| | | | Group B (10.45-13) | |
| 10.10.2025. | Exam | | | |
| | | | | |

List of lectures, seminars and practicals:

| | LECTURES (Topics) | Teaching hours | Location/Lecture room |
|-----|---|-----------------------|------------------------------|
| L1 | Introduction to the subject, workplace (equipment, instruments in the dental office). | 1 | online |
| L2 | Achieving and maintaining a dry work area | 1 | online |
| L3 | Sterilization and disinfection | 1 | online |
| L4 | Propedeutics and diagnostics in dental medicine | 1 | online |
| L5 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 40 |
| L6 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 40 |
| L7 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 40 |
| L8 | Image diagnostics in oral and dental medicine | 1 | Krešimirova 40 |
| L9 | Image diagnostics in oral and dental medicine | 1 | Krešimirova 40 |
| L10 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 40 |
| | TOTAL TEACHING HOURS | 10 | |

| | PRACTICALS (Topics) | Teaching hours | Location/Lecture room |
|--|----------------------------|-----------------------|------------------------------|
|--|----------------------------|-----------------------|------------------------------|



| | PRACTICALS (Topics) | Teaching hours | Location/Lecture room |
|-----|--|-----------------------|------------------------------|
| P1 | Introduction to the subject, patient examination, patient report | 1 | Krešimirova 42 |
| P2 | Sterilization and disinfection | 1 | Krešimirova 42 |
| P3 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P4 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P5 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P6 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P7 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P8 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P9 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P10 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P11 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P12 | Image diagnostics in oral and dental medicine | 1 | Krešimirova 42 |
| P13 | Image diagnostics in oral and dental medicine | 1 | Krešimirova 42 |
| P14 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P15 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P16 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P17 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P18 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P19 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| P20 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| | TOTAL TEACHING HOURS | 20 | |

| | SEMINARS (Topics) | Teaching hours | Location/Lecture room |
|----|---|-----------------------|------------------------------|
| S1 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| S2 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| S3 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| S4 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| S5 | Propedeutics and diagnostics in dental medicine | 1 | Krešimirova 42 |
| | TOTAL TEACHING HOURS | | |



| | FINAL EXAM DATES |
|----|------------------|
| 1. | 10.10.2025. |
| 2. | 10.2.2026. |
| 3. | 16.6.2026. |

| | Lectures | Seminars | Practicals | Total |
|--------------|----------|----------|------------|-------|
| Total number | 15 | | 15 | 30 |
| On-line | 6 | | 0 | 6 |
| Percentage | | | | |