



Course: Propedeutics and Diagnostics in Dental medicine

Course Coordinator: Sonja Pezelj-Ribarić, PhD, Professor

Course Collaborators: Ella Sever, DMD; Lucija Hero Marijanović, DDM

Department: Oral medicine

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

Study year: 3th

Academic year: 2026/2027

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, GarciaGodoy 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

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.

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

COURSE SCHEDULE (for the academic year 2026/2027)

Date	Lectures (time and place)	Seminars (time and place)	Practicals (time and place)	Instructor
28.9.2026	L1-L4 (12:30-15:30) Krešimirova 42/online			Sonja Pezelj-Ribaric, PHD, Professor
29.9.2026	L5-L8 (9.00-12.00) Krešimirova 42/online			Sonja Pezelj-Ribaric, PHD, Professor
29.9.2026			P1-P3 Group A (14:00- 16:15)	Ella Sever , PhD Lucija Hero Marijanović, DDM
			Group B (16:15- 17:45)	Ella Sever , PhD Lucija Hero Marijanović, DDM
30.9.2026	L9-L10 (14:00-15:30) Krešimirova 42/online			Sonja Pezelj-Ribaric, PHD, Professor
30.9.2026			P4-P7 Group A (8-11)	Ella Sever , PhD Lucija Hero Marijanović, DDM
			Group B (11-14)	Ella Sever , PhD Lucija Hero Marijanović, DDM



1.10.2026			P8-P13 Group A(14:00-18:30)	Ella Sever , PhD Lucija Hero Marijanović, DDM
2.10.2026			P8-P13 Group B(14:00-18:30)	Ella Sever , PhD Lucija Hero Marijanović, DDM
6.10.2026		S1-S5 (8.30-12.15)	P14-P16 Group A (14:00-16:15)	Ella Sever , PhD Lucija Hero Marijanović, DDM
			Group B (16:15-17:45)	Ella Sever , PhD Lucija Hero Marijanović, DDM
7.10.2026			P17-P20 Group A (8-11)	Ella Sever , PhD Lucija Hero Marijanović, DDM
			Group B (11:00-14:00)	Ella Sever , PhD Lucija Hero Marijanović, DDM

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	Krešimirova 40
L4	Propedeutics and diagnostics in dental medicine	1	Krešimirova 40
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	Propedeutics and diagnostics in dental medicine	1	Krešimirova 40
L9	Propedeutics and diagnostics in dental medicine	1	Krešimirova 40
L10	Propedeutics and diagnostics in dental medicine	1	Krešimirova 40
	TOTAL TEACHING HOURS	10	

	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	5	



	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	Propedeutics and diagnostics in dental medicine	1	Krešimirova 42
P13	Propedeutics and diagnostics in 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	

	FINAL EXAM DATES
1.	8.10.2026.
2.	9.2.2027.
3.	15.6.2027.

	Lectures	Seminars	Practicals	Total
Total number				
On-line				
Percentage				