

**Course: Propedeutics and diagnostics in dental medicine**

**Course Coordinator: Sonja Pezelj-Ribarić, PhD, Professor**

**Department: Oral medicine**

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

**Study year: 3rd year**

**Academic year: 2022/2023**

### **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 15 hours of lectures and 15 hours of exercises (2.5 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.

Propaedeutics 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.

**Optional/additional reading:**

Wilkins EM. Clinical practice of the dental hygienist. Baltimore: Williams and Wilkins
--

**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

Explain 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. Propaedeutics and diagnostics in dentistry.

Learning Outcomes

Describe and explain of propaedeutics and diagnostics in dentistry.

L5. Propaedeutics and diagnostics in dentistry.

Learning outcomes

Describe and explain propaedeutics and diagnostics in dentistry.

L6. Propaedeutics and diagnostics in dentistry.

Learning Outcomes

Describe and explain propaedeutics and diagnostics in dentistry.

L7. Propaedeutics and diagnostics in dentistry

Learning outcomes

Describe and explain propaedeutics and diagnostics in dentistry.

L8. Propaedeutics and diagnostics in dentistry.

Learning outcomes

Describe and explain propaedeutics and diagnostics in dentistry.

L9. Propaedeutics and diagnostics in dentistry.

Learning Outcomes

Describe and explain propaedeutics and diagnostics in dentistry.

L10. Propaedeutics and diagnostics in dentistry

Learning Outcomes

Describe and explain propaedeutics and diagnostics in dentistry.

L11. Propaedeutics and diagnostics in dentistry

Learning outcomes

Describe and explain propaedeutics and diagnostics in dentistry.

L12. and L13. Imaging diagnostics in oral and dental medicine.  
Learning Outcomes  
Name and explain diagnostic imaging in oral and dental medicine.

**The list of seminars with descriptions:**

**The list of practicals with descriptions:**

The exercises from the course Propedeutics and Diagnostics in Dentistry will be conducted in the Clinic of Dentistry, Rijeka Clinical Hospital Center. In the practical work, students will apply the skills learned in the lectures.

**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 can be awarded for the final examination.

A passed examination in the subject Propaedeutics and Diagnostics in Dentistry is a prerequisite for attending the courses in the subject Restorative Dentistry.

**Other important information regarding to the course:**

**COURSE SCHEDULE (for academic year)**

Date	Lectures (time and place)	Seminars (time and place)	Practicals (time and place)	Instructor
3.10.2022.	L1-L4 (8.30-11.30) online			Sonja Pezelj-Ribarić, PhD, Professor

4.10.2022.	L5-L11 (8.30- 11.30) Krešimirova 40			Sonja Pezelj-Ribarić, PhD, Professor
5.10.2022.	L12-L15 (8.30 - 11.30) Krešimirova 40		P1-P3 (14.15-16.30)	Ema Paljević, DMD Ella Sever, DMD
6.10.2022.			P4-P6 (10.15-12.30)	Ema Paljević, DMD Ella Sever, DMD
7.10.2022.			P7-9 (10.15-12.30)	Ema Paljević, DMD Ella Sever, DMD
10.10.2022.			P10-P12 (14-16.15)	Ema Paljević, DMD Ella Sever, DMD
11.10.2022.			P12-P15 (14-16.15)	Ema Paljević, DMD Ella Sever, DMD
17.10.2022.	PRACTICAL 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
L11	Propedeutics and diagnostics in dental medicine	1	Krešimirova 40
L12	Propedeutics and diagnostics in dental medicine	1	Krešimirova 40
L13	Propedeutics and diagnostics in dental medicine	1	Krešimirova 40
L14	Propedeutics and diagnostics in dental medicine	1	Krešimirova 40
L15	Propedeutics and diagnostics in dental medicine	1	Krešimirova 40
	<b>TOTAL TEACHING HOURS</b>	<b>15</b>	



	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
<b>TOTAL TEACHING HOURS</b>		<b>15</b>	

	<b>FINAL EXAM DATES</b>
1.	18.10.2022.
2.	14.02.2023.
3.	28.02.2023.