## Course name

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| Endodontics II |

## Department/chair

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| Department of Endodontics and Restorative Dentistry |

## Address of the department/chair

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| Gundulićeva 5, 10 000 Zagreb |

## Mandatory or elective course

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| --- |
| Mandatory course |

## Year of study

|  |
| --- |
| 6th year |

## Semester

|  |
| --- |
| Winter semester |

## ECTS

|  |
| --- |
| 5,5 |

## Course leader

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| Assoc.prof. Anja Baraba, baraba@sfzg.hr |

## Other teachers on the course

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| --- |
| Prof. dr. sc. Ivica Anić, anic@sfzg.hr  Prof. dr. sc. Nada Galić, [galic@sfzg.hr](mailto:galic@sfzg.hr)  Prof. dr. sc. Silvana Jukić Krmek, [jukic@sfzg.hr](mailto:jukic@sfzg.hr)  Prof. dr. sc. Božidar Pavelić, [pavelic@sfzg.hr](mailto:pavelic@sfzg.hr)  Prof. dr. sc. Vlatko Pandurić, [panduric@sfzg.hr](mailto:panduric@sfzg.hr)  Prof. dr. sc. Goranka Prpić-Mehičić, [prpic@sfzg.hr](mailto:prpic@sfzg.hr)  Prof. dr. sc. Katica Prskalo, [prskalo@sfzg.hr](mailto:prskalo@sfzg.hr)  Prof. dr. sc. Sanja Šegović, [segovic@sfzg.hr](mailto:segovic@sfzg.hr)  Prof. dr. sc. Zrinka Tarle, [tarle@sfzg.hr](mailto:tarle@sfzg.hr)  Prof. dr. sc. Zoran Karlović, [karlovic@sfzg.hr](mailto:karlovic@sfzg.hr)  Izv. prof. dr.sc. Ivona Bago, [bago@sfzg.hr](mailto:bago@sfzg.hr)  Izv. prof. dr. sc. Bernard Janković, [jankovic@sfzg.hr](mailto:jankovic@sfzg.hr)  Izv. prof. dr. sc. Anja Baraba, [baraba@sfzg.hr](mailto:baraba@sfzg.hr)  Izv. prof. dr. sc. Eva Klarić, [klaric@sfzg.hr](mailto:klaric@sfzg.hr)  Izv. prof. dr. sc. Danijela Marović, [marovic@sfzg.hr](mailto:marovic@sfzg.hr)  Izv. prof. dr. sc. Jurica Matijević, [matijevic@sfzg.hr](mailto:matijevic@sfzg.hr)  Izv. prof. dr. sc. Paris Simeon, [simeon@sfzg.hr](mailto:simeon@sfzg.hr)  Doc. dr. sc. Ana Ivanišević, [aivanisevic@sfzg.hr](mailto:aivanisevic@sfzg.hr)  Doc. dr. sc. Višnja Negovetić Mandić, [vnegovetic@sfzg.hr](mailto:vnegovetic@sfzg.hr)  Doc. dr. sc. Valentina Rajić, [vbrzovic.rajic@sfzg.hr](mailto:vbrzovic.rajic@sfzg.hr)  Dr. sc. Matej Par, [mpar@sfzg.hr](mailto:mpar@sfzg.hr)  Gabrijela Kapetanović-Petričević, dr. med. dent., [gkapetanovic@sfzg.hr](mailto:gkapetanovic@sfzg.hr)  Ivan Šalinović, dr. med. dent., [isalinovic@sfzg.hr](mailto:isalinovic@sfzg.hr) |

## Number of hours

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Winter semester** | **Summer semester** | **Total (winter+summer)** |
| **Lectures** | - | - | - |
| **Seminars** | - | - | - |
| **Practicals** | 60 | - | 60 |
| **Total** | 60 | - | 60 |

1 hour = 45 minutes

## Description and aim of the course

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| The purpose of the course is to educate students to carry out treatments of periapical tissue diseases. The goals are to teach them the etiology, pathogenesis, diagnosis and therapy of periapical diseases, indications for endodontic surgery and endodontic procedures in a case of dental trauma. |

## Course enrolment requirements

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| Passing the Endodontics I exam is a condition for enrolling and taking the Endodontics II exam |

## Learning outcomes at the level of the study program to which the subject contributes:

Knowledge, skills and competencies related to professionalism, ethics and law

Knowledge, skills and competencies related to communication and social skills

Knowledge, skills and competencies related to basic knowledge and the ability to gather information from the literature

Knowledge, skills and competencies related to the collection of clinical information

Knowledge, skills and competencies related to diagnosis and therapy planning

Knowledge, skills and competencies related to the therapy, establishment and maintenance of oral health

Knowledge, skills and competencies related to preventive measures and health promotion

## Course learning outcomes

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| **Knowledge** |
| 1. Describe the etiology, histopathological changes in periapical diseases and the classification of periapical diseases |
| 1. Explain the connection between endodontic lesions and systemic diseases |
| 1. Explain the mechanism and method of application of antibiotics in endodontic treatment |
| 1. Name indications for endodontic surgery |
|  |
| **Skills** |
| 1. Carry out the endodontic treatment in a case of dental trauma |
| 1. Treatment plan for periapical diseases based on the collected diagnostic information |
| 1. Carry out endodontic treatment of single-rooted and complex multi-rooted teeth in teeth with periapical lesions 2. Carry out postendodontic tooth restoration |
| **Competencies** |
| 1. Carry out treatment of periapical diseases |
| 1. Assess the outcome of endodontic treatment |

## Course content

Practicals

|  |  |  |
| --- | --- | --- |
|  | **Topics – winter semester** | **Hours** |
|  | Clinical practicals in endodontics | 60 |

1 hour = 45 minutes

## Obligations that students have on the course

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| Students are obliged to regularly attend the class and fulfil the given tasks |

## Description of the method of evaluation of students work on the course

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| Students are evaluated by assessing class attendance and an exam |

## Exam

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| Oral exam |

## Exam dates

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | December | January | February | April | May | June | July | August | September |
| Dates | 12.12.2022. | 23.1.2023. | 13.2.2023.  20.2.2023. | 17.04.2023. | 15.05.2023. | 12.06.2023.  26.06.2023. | 3.07.2023. | 28.08.2023. | 4.09.2023.  11.09.2023. |

## Literature (mandatory)

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| Torabinejad M, Walton RE.Endodoncija: načela i praksa; Naklada Slap. Zagreb 2010.  Jukić Krmek S. i sur. Pretklinička endodoncija. Medicinska naklada, Zagreb 2016. |

## Literature (supplementary)

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| --- |
| Andreasen JO, Andreasen FM, Andreasen L. Textboox and color atlas of traumatic injuries of the teeth. 5th ed. Wiley Blackwell. 2018.  Rotstein I, Ingle JI. Ingle's Endodontics. 7th ed. PMPH, USA 2019.  Berman LH, Hargreaves KM. Cohen's Pathways of the pulp. 12 ed. Elsevier 2020.  Torabinejad M, Rubinstein R. The art and science of contemporary surgical endodontics.1st ed. Quintessence Publishing Co, Inc. 2017.  Trope M, Debelian G. Priručnik iz endodoncije za praktičara. Quintessence, Publishin Co, Ltd, Chicago, Berlin. London Tokyo 2009. |