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| **Basic information about the course** |
| Titel | History of dental medicine |
| Code | 184106 | Abbreviation | 221IPOV  |
| Total ECTS points | 1.5 | Status | Elective |
| Exam | Yes | Calculated in grade average | Yes |
| Language of teaching | English | e-learning | No |
| Department | Department of Dental Anthropology |
| Course leader | Associated professor Jelena Dumančić |
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| **Course load** |
|  | **1** |  | **Total** |
| Lectures | 8 |  |  |
| Seminars | 6 |  |  |
| ECTS |  |  | 1.5 |
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| **Course description** |
| The History of Dentistry is a course which provides understanding of origins and development of dentistry thus helping dental students to evaluate contemporary events in society and future development of dental profession.Primary Aims* Explore the evolution of the concept of dental diseases and their treatment
* Explore the origins and development of dentistry
* Improve appreciation of dentistry as a learned profession.

The history of mankind is also a history of disease. The pathological conditions of the teeth and jaws – severe abrasion and periodontal disease - are evident in pre-Neanderthals and Neanderthals. Carious process was rare among Paleolithic people but the incidence of caries increase to the early Stone Age along with the need for dental treatment. The oldest recorded procedures of this kind are found in Egyptian papyrus scrolls and on Babylonian clay tablets. Achievements in dental medicine are described according to the sources and remnants of ancient peoples worldwide until the turning point in the 18th century when the era of modern dental medicine started. The achievements of pioneers of dental profession and progress in dental disciplines based on natural sciences and technological advances are described along with research and education in dental medicine.  |
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| **Exam** |
| Written exam | Yes | Oral exam | No | Practical exam | No |
| Seminar | Yes |  |  |  |  |
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| **Rules of grading and additional information** |
| Students are obliged to choose one of the offered seminar topics at the beginning of the semester, prepare it and present in MS Power Point. Written seminar work will be graded as a written exam. Final grade depends on the quality of the written work but oral presentation is a prerequisite. Students are offered consultations during preparation of the seminars.  |
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| Weekly teaching plan |
| **1. component** |
| **Lecture topics & dates:** |
| 1. A prehistoric man, the ancient Orient Oct 3, 2019; Gundulićeva 3, 13.00 – 13.45
2. Greco-Roman medicine Oct 17, 2019; G3, 13.00 – 14.30
3. Dentistry During the Middle Ages Oct 17, 2019; G3, 13.00 – 14.30
4. Dental medicine in the Renaissance Oct 31, 2019; G3, 13.00 – 14.30
5. Dentistry in 17th and 18th century Oct 31, 2019; G3, 13.00 – 14.30
6. Dentistry in the Industrial Age Nov 14, 2019; G3, 13.00 – 14.30
7. Development of Forensic Dentistry in Croatia Nov 14, 2019; G3, 13.00 – 14.30
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| **Seminar topics & dates:** |
| 1. Development of Dentistry in Croatia Nov 28, 2019; G3, 13.00 – 14.30
2. Dental identification - historical cases Nov 28, 2019; G3, 13.00 – 14.30
3. Development of dental unit and dental drill Nov 28, 2019; G3, 13.00 – 14.30
4. History of dental anesthesia Dec 12, 2019; G3; 13.00 – 14.30
5. History of X-ray in dentistry Dec 12, 2019; G3; 13.00 – 14.30
6. History of tooth pastes and brushes Dec 12, 2019; G3; 13.00 – 14.30
7. Women in dentistry Jan 9, 2020; G3; 13.00 – 14.30
8. Tooth modifications - from history to present Jan 9, 2020; G3; 13.00 – 14.30
9. History of Arabian medicine Jan 9, 2020; G3; 13.00 – 14.30
10. History of dental amalgam Jan 23, 2020; G3; 13.00 – 14.30
11. History of fluoride application in dentistry Jan 23, 2020; G3; 13.00 – 14.30
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| Course leader and associates |
| Associated professor Jelena Dumančić |
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| **Literature** |
| **Obligatory:** |
| 1. American College of Dentistry. Dental History CD. Gaithersburg, Maryland, USA. 2001-2003.
2. Hoffmann-Axthelm W. History of Dentistry. Chicago: Quintessence Publishing Co.; 1981.
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| **Recommended:** |
| 1. Kaić Z. The Development of Dental Medicine in Croatia. Acta Stomat Croat. 2002;36:19-28.
2. Dumančić J, Kaić Z. Marking the 90th Anniversary: Eduard Radošević, Pioneer of University Education in Dentistry in Croatia. Acta Stomatol Croat. 2012;46(3):176-183.
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| Required knowledge |
| Students are provided with the information on evolution of the dental and oral diseases and development of the therapeutic methods, technology and materials; development and pioneers of dental profession; history of education in dental medicine.  |
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| Required skills |
| Knowledge and understanding of the origins and development of dentistry helps dental students to evaluate contemporary events in society and future development of dental profession. Engagement in preparing oral presentation and written work develops conceptual and personal skills of the students and independent learning.  |
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| Exam questions |
| Seminar topics are offered to students’ choice for preparation of an oral presentation and a written work. |
| Exam dates |
| Summer: 17 June 2020, 8 July 2019Fall: 28 August 2019, 18 September 2020 |