

Study program: DENTAL MEDICINE
Type and level of studies: Integrated academic studies in dental medicine, Level 1/2
Course unit: FORENSIC DENTISTRY
Teacher in charge: Suzana Matejić, MD, MSc, PhD, Full professor
Language of instruction: English
ECTS: 3
Prerequisites: Completed course in forensic dentistry
Semester: Summer semester
Course unit objective: Acquiring knowledge and skills of forensic dentistry in dental practice
<p>Learning outcomes of Course unit:</p> <p>In this course students are introduced to the basics of Forensic Dentistry that they will need in their dental practice. Students study techniques of identification of human body, i.e. the importance of dental documentation in determining identity. The importance is also given to new techniques such as DNA analysis from teeth tissues and PCR technique. Use of acquired knowledge in practice. Development of skills necessary for scientific research.</p>
<p>Course unit contents:</p> <p><i>Theoretical classes</i></p> <p>Brief history of forensic dentistry. Basic tasks of forensic dentistry. Forensic dentistry in relation to other medical and academical branches, primarily law. Dental identification of human body. Determination of gender, age, race and stature of skeletal human remains. Forensic anthropology and identification in mass accidents. Isolation of DNA dental tissues. Analysis of bitemark on human body. Medical criminology, biological traces. DNA analysis. Qualifying of injuries to stomatognathic system. Forensic qualification of injuries. Legal provisions and medical criteria. Pointing out dentist's malpractice and neglect that can jeopardize patient's health. Application of law in the Republic of Serbia. Legal status of dental practice. Medicolegal aspects of dental interventions.</p> <p><i>Practical classes</i></p> <p>Use of basic procedures in identification of a human body based on hereditary and acquired dental characteristics in dental practice. Principles of forensic anthropology Principles of dental identification of human body. Principles of dental identification of human body in mass accidents. Forensic qualification of injuries to stomatognathic system. Introduction to the effects of law in dental practice (in the Republic of Serbia). Forensic dental expertise (findings, discussion and conclusion) of court files. Elements of analysis and synthesis. Relevant findings in reports, forensic issues and reports.</p>
<p>Literature</p> <p>Stimson PG, Mertz CA: Forensic Dentistry CRC Press LLC, 1997.</p> <p>Whittaker DK, Mac Donald DG: Colour Atlas of Forensic Dentistry Wolf Medical Publications Ltd, England, 1998.</p>

Number of active teaching hours				Other classes
Lectures: 30	Practice: 15	Other forms of classes:	Independent work:	
Teaching methods: Lectures (video presentations, slides, transparencies); exercise classes				
Examination methods (maximum 100 points)				
Exam prerequisites	No. of points:	Final exam	No. of points:	
Student's activity during lectures	30			
practical classes/tests		written examination	70	
Seminars/homework				
Project				
Other				

Grading system		
Grade	No. of points	Description
10	95-100	Excellent
9	85-94	Exceptionally good
8	75-84	Very good
7	65-74	Good
6	55-64	Passing
5	< 54	Failing

Course unit description