



COURSE UNIT DESCRIPTION

Course unit title	Code
Development of Dentistry. Dental care management. Ethics	

Lecturer(s)	Department(s)
Coordinating: Assist. Dr. Vilija Berlin Assist. Dr. Aistis Žalnora Asist. Nerija Stasiulienė Assist. Dr. Asta Čekanauskaitė Prof. Eugenijus Gefenas Lect. Vygintas Aliukonis	Vilnius University, Faculty of Medicine, Institute of Odontology, Žalgirio 115, Vilnius Vilnius University, Faculty of Medicine, Institute of Health Sciences, Centre for Health Ethics, Law and History, M. K. Čiurlionio 21, Vilnius

Cycle	Level of the course unit	Type of the course unit
Integrated (stages I and II)	-	Compulsory

Mode of delivery	Period of delivery	Language of instruction
Face-to-face lectures, seminars and practice in auditorium	2 nd semester	Lithuanian

Prerequisites and corequisites	
Prerequisites: none	Corequisites (if any): none

Number of ECTS credits allocated to the course unit	Total student's workload	Contact hours	Self-study hours
5	134	67	67

Purpose of the course unit Programme competences to be developed
Purpose of the course unit – develop the following general competences: interpersonal communication and good clinical practice rules; to give students knowledge about history of medicine and odontology, train them to think and discuss logically, critically and self-critically, gather information from various information sources, analyse it, develop students' honesty, responsibility, constant interest in new scientific achievements, national and global culture. To supply students with knowledge about oral health care system, the studies and practice of oral health specialists. To introduce students to contemporary health ethics (bioethics) dilemmas focusing on ethical issues in dental practice.

Learning outcomes of the course unit	Teaching and learning methods	Assessment methods
<ol style="list-style-type: none"> 1. A student will have knowledge of the origins of medicine in primitive society, of medicine in ancient civilizations and will be competent to discuss the topics from recent point of view. 2. A student will be competent with western Europe medicine in early and High Middle ages, sanitary condition in Lithuania in Middle ages and in XVIII-XIX centuries. 3. A student will have knowledge of the history of Vilnius University in XVI-XX centuries. The activity of Faculty of Medicine in XVIII-XX centuries. 4. A student will have knowledge in history of ancient Lithuanians' dental pathology, dental treatment measures and will be competent to discuss the topics from recent point of view. 5. A student will have knowledge of the evolution of dentistry in Lithuania from the foundation of Vilnius University till nowadays. 6. A student will be competent with the specificity of oral health care development in Lithuania after the independence regain, he will be able to discuss the topics from recent point of view. 7. A student will have knowledge of oral health care system, the studies and practice of oral health specialists and will be competent to apply it in daily practice. 	<p>Lectures, seminars, group discussion, self-study</p>	<p>Multiple choice question test, short essays, presentation</p>
<ol style="list-style-type: none"> 1. Familiar with the legislations on the provision of dental care services, patients' right to compensation for health damage. 2. Familiar with mandatory and recommended documents in dental practice. 3. Familiar with institutional control of oral health care clinic. 4. Familiar with the specificity of the dental and patient relationship in the dental office, is able to communicate effectively with different patients. 5. Familiar with the levels of patient complaints' analysis, conflict resolution specificity. 		
<ol style="list-style-type: none"> 1. To introduce students to the history, concepts and theories of health ethics; will be able to apply them solving ethical dilemmas in health care practice. 2. To know the most important legal and ethical normative documents in the field of health care and dentistry; to be able to critically assess problematic cases in dental and medical practice. 3. To be able to analyze and assess ethical problems in the context of contemporary health care. 		

questions.

Topics	Contact work hours							Time and tasks of self-study	
	Lectures	Consultations	Seminars	Practice	Laboratory work	Practical training	Total contact hours	Self-study	Tasks
Development of Dentistry	10		12					22	
1. Medicine and odontology in the primitive communities and in the first civilizations	1		1					2	To read lectures, gather and analyse information from library and other databases. Students will be asked to answer the questions out of the literature accordingly to the seminar topic.
2. Medicine and dentistry in Ancient Greece and Rome	1		2					2	To read lectures, gather and analyse information from library and other databases. Students will be asked to answer the questions out of the literature accordingly to the seminar topic.
3. Medicine and dentistry in medieval Europe	1		2					2	To read lectures, gather and analyse information from library and other databases. Students will be asked to answer the questions out of the literature accordingly to the seminar topic.
4. Ancient Lithuanians' dental pathology, dental treatment measures	1		1					2	To read lectures, gather and analyse information from library and other databases. Students will be asked to answer the questions out of the literature accordingly to the seminar topic.
5. Development of Medicine and Dentistry in Western Europe in 15 th -19 th centuries	1		1					2	To read lectures, gather and analyse information from library and other databases. Students will be asked to answer the questions out of the literature accordingly to the seminar topic.
6. Dentistry evolution in Lithuania from the foundation of Vilnius University till 19-th century	1							2	To read lectures, gather and analyse information from library and other databases. Students will be asked to answer the questions out of the literature accordingly to the seminar topic.
7. Evolution of medicine and dentistry in 19-20 th century	1							2	To read lectures, gather and analyse information from library and other databases. Students will be asked to answer the questions out of the literature accordingly to the seminar topic.
8. Oral health care development in Lithuania after the independence regain. The studies of oral health specialists.	1		2					3	Lecture, seminar material, literature reading and analysis.

9. Oral health specialists in Lithuania: competences, supply, the accessibility of care.	1		2					3	Lecture, seminar material, literature reading and analysis.
10. Dental practice.	1		1					2	Lecture, seminar material, literature reading and analysis.
Dental care management.	10		13					23	
1. Legislations on the provision of dental care services, patients' right to compensation for health damage.	2		2						Lecture, seminar material, literature reading and analysis.
2. Mandatory and recommended documents in dental practice.	2		3						Lecture, seminar material, literature reading and analysis.
3. Institutional control of dental office.	2		2						Lecture, seminar material, literature reading and analysis.
4. Specificity of the dental and patient relationship in dental office, effective communicateion with different patients.	2		3						Lecture, seminar material, literature reading and analysis.
5. Levels of patient complaints' analysis, conflict resolution specificity.	2		3						Lecture, seminar material, literature reading and analysis.
Ethics	10			12				22	
1. Introduction to health care ethics: historical development and methods.	2			2				4	To prepare for the practical assignments: to read required (recommended) literature, to get acquainted with relevant legal acts, to choose a case for the analysis, to prepare for the presentation, to start writing an essay.
2. Ethical issues in dentist-patient relationship.	2			2				4	To prepare for the practical assignments: to read required (recommended) literature, to get acquainted with relevant legal acts, to choose a case for the analysis, to prepare for the presentation, to start writing an essay.
3. Ethical issues in dental practice.	2			4				6	To prepare for the practical assignments: to read required (recommended) literature, to get acquainted with relevant legal acts, to choose a case for the analysis, to prepare for the presentation, to start writing an essay.
4. Ethical issues at the beginning and end of human life.	2			2				4	To prepare for the practical assignments: to read required (recommended) literature, to get acquainted with relevant legal acts, to choose a case for the analysis, to prepare for the presentation, to start writing an essay.

5. Research ethics; research integrity; ethical issues in donation and transplantation of human tissues and organs.	2			2				4	To prepare for the practical assignments: to read required (recommended) literature, to get acquainted with relevant legal acts, to choose a case for the analysis, to prepare for the presentation, to start writing an essay.
Iš viso	30		25	12			67	67	

Assessment strategy		Weight (%)	Assessment period	Assessment criteria
Egzam	Presentation	8,3%	During the semester assist. A. Žalnora	Assessment: 2 point- very good; 1 point- good; 0 point-unsatisfactory
	Test	8,3%	At the end of „Development of Dentistry“ part assist. A. Žalnora	Multiple choice question test includes 20 closed type questions. Every question is evaluated 0,5 points. Evaluation: 5: Excellent knowledge, 18 – 20 correct answers. 4: Good knowledge, 15 - 17 correct answers. 3: Modest knowledge, 12 – 14 correct answers. 2: Poor knowledge, 9 - 11 correct answers. 1: Minimal requirements are not met 0 - 8 correct answers.
	Test	16,65%	At the end of „Development of Dentistry“ part assist. V. Berlin	Multiple choice question test includes 30 closed type questions. Every question is evaluated 1 point. Evaluation: 5: Excellent knowledge, 25 – 30 correct answers. 4: Good knowledge, 19 - 24 correct answers. 3: Modest knowledge, 13 – 18 correct answers. 2: Poor knowledge, 7 - 12 correct answers. 1: Minimal requirements are not met 0 - 6 correct answers.
	Presentation	16,65%	At the end of „Dental care management“ part assist. V. Berlin	Assessment: 2 point- very good; 1 point- good; 0 point-unsatisfactory
	Test	16,65%	At the end of „Dental care management“ part assist. N. Stasiulienė	Multiple choice question test includes 30 closed type questions. Every question is evaluated 1 point. Evaluation: 5: Excellent knowledge, 25 – 30 correct answers. 4: Good knowledge, 19 - 24 correct answers.

				<p>3: Modest knowledge, 13 – 18 correct answers. 2: Poor knowledge, 7 - 12 correct answers. 1: Minimal requirements are not met 0 - 6 correct answers.</p>
	Work during seminars	10%	During the semester Assist. dr. A. Čekanauskaitė	<p>1. Quality of case presentation: the context of case is presented, questions are precisely formulated. 2. Presenter's discussion moderation skills. 3. Ability to make constructive comments. 4. Active participation in the discussion.</p>
	Written assignment (essay)	10%	During the semester Assist. dr. A. Čekanauskaitė	<p>1. Essay's compliance with the requirements for the academic writing assignments. 2. Ability to make different ethical assessments of the case s/he presents. 3. Ability to express his/her personal opinion and to justify it. 4. Relevant legal acts are used. 5. References to literature are made.</p>
	Answers to the questions in writing	13,3%	At the end of „Ethics“ part	<p>1. Comprehensiveness of answers 2. Ability to give practical examples. 3. Ability to ground the answers. 4. Ability to demonstrate a good knowledge both in lectures' material and in required (recommended) readings.</p>

Author	Year of publication	Title	No of periodical or vol. of publication	Publication place and publisher or Internet link
Required reading				
R. Porter	1999	The Greatest Benefit to Mankind: A Medical History of Humanity		Cambridge
L. N. Magner	2004	A History of Medicine		New York
Council of European Dentists	2017	Code of Ethics for Dentists in the European Union		https://cedentists.eu/ced-code-of-ethics.html
American Courses of Dentists		Courses Online: Dental Ethics		http://www.dentaethics.org/ethicaldilemmas.htm?zoom_highlight=ethical+dilemmas

FDI World Dental Federation		Dental Ethics Manual		http://www.fdiworldental.org/c/document_library/get_file?uuid=3e946266-5fbc-485c-b28a-d2f0d89ab736&groupId=10157
Lo, B.	2003	Resolving ethical dilemmas: a guide for clinicians		Philadelphia
Trathen, A., Gallagher, J.E.	2009	Dental professionalism: definitions and debate	British Dental Journal, 206(5)	https://www.nature.com/articles/sj.bdj.2009.164.pdf?origin=ppub
Kimsma, G. K	2015	Euthanasia: Active / Encyclopedia of Global Bioethics		Springer Science + Business Media Dordrecht http://www.mies.mf.vu.lt/wp-content/uploads/2012/05/Active_Euthanasia_Kimsma_EGB-3.pdf
Shalev, C.	2015	Reproductive Ethics / Encyclopedia of Global Bioethics		Springer Science + Business Media Dordrecht http://www.mies.mf.vu.lt/wp-content/uploads/2012/05/Reproductive-Ethics.pdf
European Commission	2010	European Textbook on Ethics in Research		http://bioethics.uniongraduatecollege.edu/nih-grants/curriculum/pdf/European_Textbook_on_Ethics_in_Research-English.pdf
Dalal, A. R.	2015	Philosophy on organ donation: review of ethical facets.	World Journal of Transplantation 5(2)	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4478599/
Iltis, A. S.	2015	Organ Transplantation / Encyclopedia of Global Bioethics		Springer Science + Business Media Dordrecht http://www.mies.mf.vu.lt/wp-content/uploads/2017/01/Organ_Transplantation.pdf
Recommended reading				
I. Balčiūnienė	1998	[History of the Lithuanian Dentistry]		Vilnius, Infopolis
V. Miežutavičiūtė	2002	[Vilnius Medicine Society and its struggle with infectious diseases (1805-1939)]		Vilnius, Vilnius University Publishing
Len D'Cruz, Simon Mills (MB.), David Holmes.	2006	Legal Aspects of General Dental Practice		Churchill Livingstone/Elsevier
Beauchamp, T., Childress, J.	2001	Principles of Biomedical Ethics		Oxford, Oxford University Press
Reich, W.I. (ed.)	2003	Encyclopedia of Bioethics		New York, Macmillan
Emanuel EJ, Wendler D, Grady C.	2000	What makes clinical research ethical?	Journal of the American Medical Association, 283	https://www.dartmouth.edu/~cphs/docs/jama-article.pdf
Van der Heide, A., Deliens, L.,	2003	End-of-life decision-making	The Lancet, 361	https://www.sciencedirect.com/science/article/pii

Faisst, K. et al.		in six European countries: descriptive study		/S0140673603140196?via%3Dihub
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