

<b>Higher education institution:</b> <i>Slovak Medical University in Bratislava</i>	
<b>Faculty:</b> <i>Faculty of Medicine</i>	
<b>Course code:</b> <i>GM 009</i>	<b>Course title:</b> <i>Medical Ethics</i>
<b>Type, extent, and method of educational activity:</b> <i>Number of hours per semester: 28</i> <i>Lectures: 14/1 hour per week</i> <i>Practices: 14/1 hour per week</i> <i>(Total work load of the student is 50 h)</i> <i>Method of the education activity: full-time study (distance study)<sup>1</sup></i> <i>Form of the study: full-time</i>	
<b>Number of credits:</b> <i>2 credits</i>	
<b>Recommended semester/trimester study:</b> <i>4<sup>th</sup></i>	
<b>Level of higher education study:</b> <i>1<sup>st</sup> + 2<sup>nd</sup> level</i>	
<b>Prerequisite courses:</b>	
<b>Requirements for completion of the course:</b> <i>Active participation in the teaching activities (lectures and seminars), writing and presentation of a short essay on a given topic, written test. (FE)</i> <i>Written test: minimum threshold of success: 60%. Evaluation: A: 95%-100%, B: 88%-94% C: 77%-87%, D: 66%-76%, E: 60%-65%, Fx 59% and less.</i> <i>Student workload: 22 hours</i>	
<b>Learning outcomes:</b> <i>The student will acquire adequate knowledge in medical ethics and bioethics, which builds on the knowledge and current developments in biomedical sciences, research in biomedicine, and, as a priority, the student will acquire the knowledge and skills that are needed in the clinical work with the patient. The student gets an overview of the ethical aspects of individual clinical disciplines. The student can identify and analyse medical-ethical, health-ethical, and bioethical problems. He knows the principles and standards of professional medical and health ethics; he can apply them in relation to the professional responsibility of a doctor in patients' care. He knows the practical importance and ways of respecting the personal dignity, rights, legitimate interests, and privacy of the patient, of respecting and protection of the patient's life and health. He knows the ethical aspects of adequate communication with the patient, his loved ones, and with his colleagues - healthcare professionals. He knows how to apply the ethical principles and standards in the care of patients in the neonatal, child and adolescent age, in the care of women at all stages of their life, in mother and childcare, in the care of elderly and end-of-life patients, in the field of palliative and hospice care. He knows the ethical principles and standards in the field of public health, health and medicines policies, public health programs, predictive and preventive medicine, individuals' care for their own health, vaccination, e-health, tele-medicine, applications of artificial intelligence in medicine and health care, health management, and the medicine in disasters. He knows the ethical principles and standards in the field of biomedical research and clinical trials. He knows the signs of unethical behaviour in research and in the provision of health care; the ways and procedures for dealing with them and how to prevent them. He knows the principles of publishing ethics. He knows the practical importance and roles of ethics committees in the field of healthcare, biomedical research, and clinical trials. He knows the key international documents in the field of medical ethics and bioethics.</i>	
<b>Brief contents of the course (syllabus):</b> <i>Introduction to medical ethics and bioethics, brief history of the field, professional ethics of a doctor, ethics of a medical student, medical deontology. Ethical competence and its acquisition. Models of ethical thinking in medical practice, ethical dilemma, practical solution of an ethical problem. Doctor - teacher and supervisor. Professional responsibility of the doctor. Ethical issues in the patients' care. Physician/medical student – patient relationship. Informed consent. Interest in and care for the wellbeing of a patient. Patient's human dignity and rights. Respect for privacy. Dimensions of patient's needs and their fulfilment. Ethical aspects of anamnesis and physical examination, diagnosis and treatment, screening, and prevention. Ethics of communication with the patient and his loved ones. True and appropriate information. Duties of a doctor/medical student. Relationships of a doctor/medical student to nurses and to other health professionals. Ethical issues at the beginning and end of human life. Palliative and hospice care. End-of-life care. Spiritual service and care. Ethics of health policy and health management. Ethics of disaster medicine. Ethical problems of individual clinical disciplines, clinical bioethics. Errors and mistakes in medicine. Adverse reactions to and adverse effects of diagnostic, preventive, and treatment procedures or interventions. Unethical behaviours of a doctor or other health care professional,</i>	

their solutions and prevention. New, converging, and emerging sciences and technologies in medicine and healthcare. Personalized medicine. E-Health, tele-medicine. Protection of personal data, including health data. Medical documentation. Artificial intelligence in medicine and healthcare. Big Data, biobanks. Ethics of biomedical research and of clinical trials of drugs, medical devices, and in vitro diagnostics. Ethical requirements of the Good Clinical Practice. Unethical research. Prevention of unethical behaviour in biomedical research and in clinical trials. Publishing ethics. Intellectual property protection. Ethics committees – types, missions, and tasks in practice. International documents on medical ethics and bioethics. Doctor's vow (Hippocratic Oath, Geneva Declaration).

**Recommended literature:**

■ World Medical Association (WMA): WMA Medical Ethics Manual, 3<sup>rd</sup> Edition, 2015, 136 pp., ISBN 978-92-990079-0-7, available at: <http://www.wma.net> ■ Beauchamp TL, Childress JF. Principles of Biomedical Ethics. Oxford University Press, 8<sup>th</sup> Edition, 2019, 512 pp., ISBN 978-0190640873. ■ Jonsen AR, Siegler M, Winslade W. Clinical Ethics: A Practical Approach to Ethical Decisions in Clinical Medicine. 8<sup>th</sup> Edition, 2015, McGraw-Hill, NY, 244 pp., ISBN 978-0-07-184506-9. ■ Journal – Medical Ethics & Bioethics, ISSN 1335-0560 (available at: [www.bioethics.sk](http://www.bioethics.sk) or [www.bioetika-sk.eu](http://www.bioetika-sk.eu)) ■ Other current literature will be recommended by the teacher.

**Language requirements:** English

**Notes:** The course runs in English language.

**Course assessment**

Assessed students in total: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

**Lecturers:**

prof. MUDr. Jozef Glasa, CSc., PhD.

**Date of last modification:** 15.11.2021

**Approved by:** person responsible for realization, development and ensuring of the study program quality  
prof. MUDr. Iveta Šimková, CSc.

<sup>1</sup>§ 108e ods. 2 zákona č.131/2002 Z.z. o vysokých školách