



Univerza v Mariboru

Medicinska fakulteta

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta:	Etika in pravni vidiki medicine
Course title:	Ethics and legal aspects of medicine

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
Splošna medicina, enovit magistrski študijski program		Četrty	8.
General medicine, Uniform master's degree study program		Fourth	8th

Vrsta predmeta (obvezni ali izbirni) /
Course type (compulsory or elective)

obvezni
compulsory

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje Clinical training	Druge oblike študija Other forms of study	Samost. delo Individual work	ECTS
15	30	AV LV RV			45	3

Nosilec predmeta / Course coordinator:

prof. dr. Matjaž Zwitter

Jeziki /Languages:

Predavanja / Lectures:

slovenski/slovene

Vaje / Tutorial:

slovenski/slovene

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Prerequisites for enrolling in the course or for performing study obligations:

Vsebina (kratek pregled učnega načrta):

Filozofske osnove medicinske etike. Utilitarna in deontološka (Kantova) etika. Etika ravnotežja s štirimi osnovnimi principi: avtonomija posameznika, dobrotelost, neškodovanje, pravičnost. Etična analiza. Etični kodeksi in normativna določila (deklaracije). Pravne norme v zdravstvu. Reševanje enostavnih etičnih in pravnih dilem. Reševanje kompleksnih dilem: pravno

Content (syllabus outline):

Philosophical basics of medicine ethics. Utilitarian and deontologic (Kant) ethics. The four principles of medical ethics: autonomy, beneficence, non-maleficence, justice. Ethical analysis. Ethical codes, normative ethics. Legal basis of health care. Solving simple ethical and legal dilemmas. Complex dilemmas: legally permissible but ethically unacceptable decision; legally unacceptable,

neoporečna, etično sporna odločitev; pravno oporečna, etično pravilna odločitev. Odločanje v primerih konflikta interesov: posamičen bolnik proti celotni populaciji bolnikov; individualni interes bolnika proti interesu družbe – meje avtonomije posameznika. Odnos med zdravnikom in bolnikom: bolnikova obveščenost in soodločanje, ravnanje v primerih bolnikove nepopolne avtonomije, vnaprejšnja bolnikova navodila, nadomestno odločanje. Odločanje pri posebej ranljivih populacijah bolnikov: otroci, ostareli, hudo bolni, urgentna stanja, psihiatrični bolniki. Etična vprašanja na začetku in koncu življenja: genetika in nove poti spočetja in oploditve, splav, vzdrževanje življenja in evtanazija. Določanje prioritete v zdravstvu. Zdravnikov odnos do bolnika in meje solidarnosti pri samo-povzročenih boleznih: kajenje, alkohol in druge droge, nasilni ali visoko tvegani športi, gladovna stavka. Neugoden izid zdravljenja in domnevna zdravnikova napaka: etična, pravna in odškodninska odgovornost. Odnosi v zdravstvu: odgovornost in hierarhija med posameznimi profili zdravstvenih delavcev ter znotraj zdravništva; zdravnik na vodilnem položaju; meje kolegialnosti. Zdravniška stavka. Etična in pravna vprašanja pri raziskovanju v bio-medicini. Zdravnik in farmacevtska industrija. Zdravnik in mediji. Zdravnik kot strokovnjak po naročilu drugih ter brez zavezanosti interesom posamičnega bolnika: zdravnik kot izvedenec, nadzornik. Zdravnik kot bolnik.

ethically correct decision. Solving conflicts of interests: individual patient against the whole population of patients; individual patient against interests of society – the limits of individual autonomy. Physician-patient relationship: information and consent, decisions in case of limited autonomy, advance directives, surrogate decisions. Decisions in vulnerable populations: children, advanced age, seriously ill, emergencies, psychiatric patients. Ethical issues at the beginning and end of life: genetics and new approaches in conception, abortion, futile treatment, terminal illness, euthanasia. Setting the priorities in health care. Physician's approach to patient and limits of solidarity in self-inflicted disease: tobacco, alcohol and drug abuse, violent or dangerous sport activities, obesity, starvation. Failure of medical treatment and suspected physician's malpractice: ethical and legal responsibility, patient's right to compensation. Relations in health care: responsibility and hierarchy among different levels of health care and within the medical profession. Physicians on strike. Ethical and legal aspects of medical research.

Physician and pharmaceutical industry. Physician and media. Physician as expert. Physician as patient.

Temeljni literatura in viri / Reading materials:

- Zwitter M. Pogovori o zdravniški etiki. Cankarjeva založba, Ljubljana 2018
- Zwitter M: Medical Ethics in Clinical Practice. Springer, Springer Nature, Cham, Switzerland, 2019. ISBN 978-3-030-00718-8 ISBN 978-3-030-00719-5 (eBook) <https://doi.org/10.1007/978-3-030-00719-5>

Dodatna literatura

- Beauchamp TL, Childress JE: Principles of biomedical ethics, 5th ed. Oxford University Press, Oxford 2001
- Parker M, Dickenson D: The Cambridge medical ethics workbook: case studies, commentaries and activities. Cambridge University Press, Cambridge 2001.
- Medicina in pravo. Zborniki tematskih strokovnih srečanj. Splošna bolnišnica Maribor, Maribor 1990 – 2003.

Cilji in kompetence:

Študent bo spoznal filozofske osnove medicinske etike, etične kodekse in druga temeljna etična normativna določila ter pravne okvire za delo in odnose v zdravstvu. Na tej osnovi bo znal reševati konkretne dileme z uporabo pravnih norm, etičnih normativnih določil in etične analize.

Objectives and competences:

Understanding of the basic aspects of medical ethics, ethical codes and other important ethical documents and legal aspects related to health care. Using legal norms, ethical norms and ethical analysis, the student should be able to offer solutions on practical examples of ethical dilemmas.

Predvideni študijski rezultati:

Znanje in razumevanje:

Intended learning outcomes:

Knowledge and Understanding:

Razumevanje etičnih določil in pravni odnosi v zdravstvu. Prenesljive/ključne spretnosti in drugi atributi: Znanje bo vplivalo na celotno ravnanje zdravnika v procesu zdravljenja.	Understanding of ethical norms and relationship with health care legislation. Transferable/Key Skills and other attributes: Acquired knowledge will influence physicians' complete approach to process of healing.
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Metode poučevanja in učenja:

Seminarji
predavanja

Learning and teaching methods:

Seminars,
lectures

Delež (v %) / Share (in %)		Assessment methods:
Načini ocenjevanja:		Type (examination, oral, coursework, project):
Način (pisni izpit, ustno izpraševanje, naloge, projekt) Seminar Izpit ŠTUDIJSKE OBVEZNOSTI ŠTUDENTOV:- POGOJI ZA PRISTOP K POSAMEZNEMU PREVERJANJU ZNANJA:-	50 50	Seminar Exam ACADEMIC OBLIGATIONS OF STUDENTS:- REQUIREMENTS FOR ACCESS TO INDIVIDUAL KNOWLEDGE CHECKING:-

Reference nosilca / Course coordinator's references:

ZWITTER Matjaž: Medical Ethics in Clinical Practice. Springer, Springer Nature, Cham, Switzerland, 2019. ISBN 978-3-030-00718-8 ISBN 978-3-030-00719-5 (eBook) <https://doi.org/10.1007/978-3-030-00719-5>

ZWITTER, Matjaž, LOGAR, Tine (urednik). *Pogovori o zdravniški etiki*. 1. izd. Ljubljana: Cankarjeva založba, 2018. 202 str., tabele. ISBN 978-961-282-311-5. [COBISS.SI-ID [294449408](#)]

CHRISTODOULOU, Marianna, BLACKHALL, Fiona, MISTRY, Hitesh, LEYLEK, Ahmet, KNEGJENS, Joost, REMOUCHAMPS, Vincent, FARRÉ, Nuria, ZWITTER, Matjaž, LEROUGE, Delphine, POUREL, Nicolas, et al. Compliance and outcome of elderly patients treated in the concurrent once-daily versus twice-daily radiotherapy (convert) trial. *Journal of thoracic oncology*, ISSN 1556-0864. [Print ed.], 2018, vol. , iss. , str. [1-10], doi: [10.1016/j.jtho.2018.09.027](https://doi.org/10.1016/j.jtho.2018.09.027). [COBISS.SI-ID [3085691](#)]

ZWITTER, Matjaž. Toxicity and quality of life in published clinical trials for advanced lung cancer. *Supportive care in cancer*, ISSN 0941-4355. [Print ed.], 2018, vol. , no. , str. [1-7], doi: [10.1007/s00520-018-4214-1](https://doi.org/10.1007/s00520-018-4214-1). [COBISS.SI-ID [2923899](#)]

VRANKAR, Martina, ZWITTER, Matjaž, KERN, Izidor, STANIČ, Karmen. PD-L1 expression can be regarded as prognostic factor for survival of non-small cell lung cancer patients after chemoradiotherapy. *Neoplasma*, ISSN 0028-2685. [Print ed.], 2018, vol. 65, no. 1, str. 140-146, doi: [doi:10.4149/neo_2018_170206N77](https://doi.org/10.4149/neo_2018_170206N77). [COBISS.SI-ID [2806907](#)]

ZWITTER, Matjaž. Etični pogled na evtanazijo. V: KRALJIČ, Suzana (ur.), REBERŠEK GORIŠEK, Jelka (ur.), RIJAVEC, Vesna (ur.). *Sodobni izzivi in dileme : konferenčni zbornik*, 27. Posvetovanje Medicina, pravo in družba, 23. - 24. marec 2018, Maribor, Slovenija. 1. izd. Maribor: Univerzitetna založba Univerze. 2018, str. 61-66. [COBISS.SI-ID [512790840](#)]

ZWITTER, Matjaž, ROSSI, Antonio, DI MAIO, Massimo, POHAR PERME, Maja, LOPES, Gilberto. Selection of non-small cell lung cancer patients for intercalated chemotherapy and tyrosine kinase inhibitors. *Radiology and oncology*, ISSN 1318-2099. [Print ed.], 2017, vol. 51, iss. 3, str. 241-251, ilustr. <https://www.degruyter.com/view/j/raon.2017.51.issue-3/issue-files/raon.2017.51.issue-3.xml>, doi: [10.1515/raon-2017-0029](https://doi.org/10.1515/raon-2017-0029). [COBISS.SI-ID [2780283](#)]

SMRDEL, Uroš, POPOVIČ, Mara, ZWITTER, Matjaž, BOŠTJANČIČ, Emanuela, ZUPAN, Andrej, KOVAČ, Viljem, GLAVAČ, Damjan, BOKAL, Drago, JEREBIC, Janja. Long-term survival in glioblastoma : methyl guanine methyl transferase (MGMT) promoter methylation as independent favourable prognostic factor. *Radiology and oncology*, ISSN 1318-2099. [Print ed.], Dec. 2016, vol. 50, no. 4, str. 394-401, V, ilustr. u <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5120572/pdf/raon-2015-0041.pdf>, doi: [10.1515/raon-2015-0041](https://doi.org/10.1515/raon-2015-0041). [COBISS.SI-ID [2089595](#)]

ZWITTER, Matjaž, RAJER, Mirjana, STANIČ, Karmen, VRANKAR, Martina, DOMA, Andrej, CUDERMAN, Anka, GRMEK, Marko, KERN, Izidor, KOVAČ, Viljem. Intercalated chemotherapy and erlotinib for nonsmall cell lung cancer (NSCLC) with activating epidermal growth factor receptor (EGFR) mutations. *Cancer biology & therapy*, ISSN 1538-4047, 2016, vol. 17, iss. 8, str. 833-839, doi: [10.1080/15384047.2016.1195049](https://doi.org/10.1080/15384047.2016.1195049). [COBISS.SI-ID [2403451](#)]

RAJER, Mirjana, ZWITTER, Matjaž, RAJER, Borut. Pollution in the working place and social status : co-factors in lung cancer carcinogenesis. *Lung cancer*, ISSN 0169-5002. [Print ed.], Sep. 2014, vol. 85, no. 3, str. 346-350, doi: [10.1016/j.lungcan.2014.06.012](https://doi.org/10.1016/j.lungcan.2014.06.012). [COBISS.SI-ID [1824123](#)]

STANIČ, Karmen, ZWITTER, Matjaž, TURNŠEK HITIJ, Nina, KERN, Izidor, SADIKOV, Aleksander, ČUFER, Tanja. Brain metastases in lung adenocarcinoma : impact of EGFR mutation status on incidence and survival. *Radiology and oncology*, ISSN 1318-2099. [Print ed.], Jun. 2014, vol. 48, no. 2, str. 173-183, V, ilustr., doi: [10.2478/raon-2014-0016](https://doi.org/10.2478/raon-2014-0016). [COBISS.SI-ID [1803643](#)]

ZWITTER, Matjaž. Communication in view of limited resources : international perspective. V: DIZON, Don S. (ur.). *"Building bridges to conquer cancer" : 49th annual meeting, May 31-June 4, 2013, Chicago*, (American Society of Clinical Oncology educational book, ISSN 1548-8748, vol. 33). Alexandria, VA: American Society of Clinical Oncology. 2013, str. 157-161. [COBISS.SI-ID [1532795](#)]

KOVAČ, Viljem, ZWITTER, Matjaž, RAJER, Mirjana, MARIN, Aleksander, DEBELJAK, Andrej, SMRDEL, Uroš, VRANKAR, Martina. A phase II trial of low-dose gemcitabine in a prolonged infusion and cisplatin for malignant pleural mesothelioma. *Anti-cancer drugs*, ISSN 0959-4973, 2012, vol. 23, no. 2, str. 230-238, doi: [10.1097/CAD.0b013e32834d7a1c](https://doi.org/10.1097/CAD.0b013e32834d7a1c). [COBISS.SI-ID 1199995], [JCR, SNIP, WoS do 25. 12. 2013: št. citatov (TC): 3, čistih citatov (CI): 1, normirano št. čistih citatov (NC): 0, Scopus do 16. 10. 2013: št. citatov (TC): 6, čistih citatov (CI): 4, normirano št. čistih citatov (NC): 1]

KOVAČ, Viljem, ZWITTER, Matjaž, ŽAGAR, Tina. Improved survival after introduction of chemotherapy for malignant pleural mesothelioma in Slovenia : population-based survey of 444 patients. *Radiology and oncology*, ISSN 1318-2099, Jun. 2012, vol. 46, no. 2, str. 136-144, IV, doi: [10.2478/v10019-012-0032-0](https://doi.org/10.2478/v10019-012-0032-0). [COBISS.SI-ID 1310843], [JCR, SNIP, WoS do 11. 12. 2013: št. citatov (TC): 5, čistih citatov (CI): 4, normirano št. čistih citatov (NC): 1, Scopus do 20. 11. 2013: št. citatov (TC): 5, čistih citatov (CI): 4, normirano št. čistih citatov (NC): 1]

ZWITTER, Matjaž, RAJER, Mirjana, KOVAČ, Viljem, KERN, Izidor, VRANKAR, Martina, SMRDEL, Uroš. Intermittent chemotherapy and erlotinib for nonsmokers or light smokers with advanced adenocarcinoma of the lung : a phase II clinical trial. *Journal of Biomedicine and Biotechnology (Online)*, ISSN 1110-7251, 2011, vol. 2011, no. 185646, str. 1-5. <http://www.hindawi.com/journals/jbb/2011/185646/>, doi: [10.1155/2011/185646](https://doi.org/10.1155/2011/185646). [COBISS.SI-ID 1090171], [JCR, SNIP, WoS do 15. 2. 2013: št. citatov (TC): 2, čistih citatov (CI): 1, normirano št. čistih citatov (NC): 0, Scopus do 27. 3. 2013: št. citatov (TC): 3, čistih citatov (CI): 2, normirano št. čistih citatov (NC): 1]

ZWITTER, Matjaž, KOVAČ, Viljem, RAJER, Mirjana, VRANKAR, Martina, SMRDEL, Uroš. Two schedules of chemotherapy for patients with non-small cell lung cancer in poor performance status : a phase II randomized trial. *Anti-cancer drugs*, ISSN 0959-4973, 2010, vol. 21, no. 6, str. 662-668. [COBISS.SI-ID 968315], [JCR, SNIP, WoS do 6. 8. 2013: št. citatov (TC): 7, čistih citatov (CI): 4, normirano št. čistih citatov (NC): 1, Scopus do 9. 7. 2013: št. citatov (TC): 8, čistih citatov (CI): 5, normirano št. čistih citatov (NC): 2]

ZWITTER, Matjaž, KOVAČ, Viljem, SMRDEL, Uroš, VRANKAR, Martina, ZADNIK, Vesna. Gemcitabine in brief versus prolonged low-dose infusion, both combined with cisplatin, for advanced non-small cell lung cancer : a randomized phase II clinical trial. *Journal of thoracic oncology*, ISSN 1556-0864, 2009, vol. 4, no. 9, str. 1148-1155. [COBISS.SI-ID 805243], [JCR, SNIP, WoS do 15. 2. 2013: št. citatov (TC): 6, čistih citatov (CI): 3, normirano št. čistih citatov (NC): 1, Scopus do 20. 2. 2013: št. citatov (TC): 8, čistih citatov (CI): 5, normirano št. čistih citatov (NC): 2]