Univerza v Mariboru

Medicinska fakulteta

UČNI NAČRT PREDMETA / COURSE SYLLABUS	
Predmet:	**Na dokazih podprta medicina – zdravstvena ekonomika, varnost bolnika, kakovost v zdravstvu**
Course title:	**Evidence-Based Medicine – Health-Care Economics, Patient Safety, Quality in Health Care**

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
Dentalna medicina/Dental Medicine 2. stopnja/2nd cycle		**5**	**9**

Vrsta predmeta / Course type 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	**25**				**50**	**3**

Nosilec predmeta / Lecturer: **doc. dr. Eva Turk**

Jeziki / Languages: **Predavanja / Lectures:** slovenščina/slovene
Vaje / Tutorial:

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

Prerequisits:

Vsebina:

Predavanja:
- Zdravstvena ekonomika
- Izboljševanje kakovosti
- Varnost bolnika
- Vrednotenje zdravstvenih tehnologij
- Organizacija zdravstvenih sistemov

Seminarji:
Zdravstvena ekonomika
- Različne teme

Kakovost v medicini in klinični praksi
- Različne teme

Varnost bolnika
- Različne teme

Vrednotenje zdravstvenih tehnologij
- Različne teme

Content (Syllabus outline):

Lectures:
- Healthcare economics
- Quality improvement
- Patient safety
- Health technology assessment
- Healthcare system organization

Seminars:
Healthcare economics
- Different topics

Quality in medicine and clinical practice:
- Different topics

Patient safety
- Different topics

Health technology assessment
- Different topics

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Temeljni literatura in viri / Readings:

1. Guyatt G, Rennie D, Meade MO, Cook DJ: User's Guides to the Medical Literature – A manual for evidence-based clinical practice, 3rd edition. JAMAevidence, McGraw Hill Education, 2014.
2. Hamer, Susan, and Gill Collinson. Achieving evidence-based practice: A handbook for practitioners. Elsevier Health Sciences, 2014.
3. Drummond, Michael F., Mark J. Sculpher, Karl Claxton, Greg L. Stoddart, and George W. Torrance. Methods for the economic evaluation of health care programmes. Oxford university press, 2015.

Dopolnilna literatura:

4. Higgins, Julian PT, ed. Cochrane handbook for systematic reviews of interventions. Vol. 5. Chichester, England: Wiley-Blackwell, 2008.
5. Eddy, David. "Health technology assessment and evidence-based medicine: what are we talking about?." value in health 12 (2009): S6-S7.
6. Rupel-Prevolnik V, Simčič B, Turk E. Dictionary of Terminology in the Health Care System. Ljubljana: Ministrstvo za zdravje Republike Slovenije; 2014. (Slovenian)
7. Ozcan, Y.A. Health care benchmarking and performance evaluation: an assessment using data envelopment analysis (DEA). New York: Springer, 2008
8. McIntosh, E. et al. Applied methods of cost-benefit analysis in health care. Oxford [etc.]: Oxford University Press, 2011
9. Gray, A. Applied methods of cost-effectiveness analysis in health care. Oxford [etc.]: Oxford University Press, 2011

Cilji in kompetence:

- spoznati delovanje in trende v zdravstveni ekonomiki
- pridobiti osnovno znanje metod ekonomskega vrednotenja in raziskovanja izidov na področju zdravstva
- pridobiti pregledno znanje v povezavi s kakovostjo v zdravstvenih sistemih
- načrtovanje in izvedba vrednotenja zdravstvenih tehnologij (HTA)
- pridobiti pregled dosedanjih spoznanj zagotavljanja varnosti bolnikov

Objectives and competences:

- learn about trends in health economics
- obtain basic knowledge about methods of economic evaluation and Outcomes research in healthcare
- obtain basic knowledge quality improvement in healthcare
- systematic planning of Health Technology Assessment (HTA)
- obtain basic knowledge about patient safety and its evaluation methods

Predvideni študijski rezultati:

Znanje in razumevanje:

- spoznati delovanje in trende v zdravstveni ekonomiki
- pridobiti pregledno znanje in razumevanje metod ekonomske evalvacije in raziskav terapijskih Izidov
- pridobiti osnove načrtovanja in izvedbe vrednotenja zdravstvenih tehnologij
- pridobiti pregledno znanje v povezavi s kakovostjo v zdravstvenih sistemih
- pridobiti pregled dosedanjih spoznanja zagotavljanja varnosti bolnikov

Prenesljive/ključne spretnosti in drugi atributi:

- praktična raba z dokazi podprte medicine
- priprava in uporaba vrednotenja zdravstvenih tehnologij
- načrtovanje raziskav na področju varnosti bolnika
- opredeliti in diferencirati različne vidike kakovosti v zdravstvu in zdravstvenih sistemih

Intended learning outcomes:

The students gain fundamental knowledge on:

- understanding trends in health economics
- obtain basic knowledge about methods of economic evaluation and outcomes research
- obtain basic knowledge on systematic planning and conducting of Health Technology Assessment (HTA)
- obtain basic knowledge and understanding of quality improvement in healthcare
- obtain basic knowledge and understanding about patient safety

Transferable/Key Skills and other attributes:

- practical use of evidence based medicine
- applied use of HTA
- planning of studies in the field of Patient Safety
- Identifying and differentiating various aspects of quality in healthcare and health systems

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Metode poučevanja in učenja:	**Learning and teaching methods:**
Predavanja Seminarji	Lectures Seminars

Načini ocenjevanja:	**Delež (v %) / Weight (in %)**	**Assessment:**
Način (pisni izpit, ustno izpraševanje, naloge, projekt): Obveznosti študentov: - seminarska naloga - pisni izpit.	100 %	Type (examination, oral, coursework, project): Student's commitments: - seminar paper - written exam.

Reference nosilca / Lecturer's references:

ČLANKI

1. FOO, Chuan De, TURK, Eva, et al. Starfield's 4Cs of NCD management in primary healthcare : a conceptual framework development from a case study of 19 countries. *BMJ global health*. 2025, vol. 10, no. 1, 15 str. ISSN 2059-7908. https://gh.bmj.com/content/10/1/e017578, DOI: 10.1136/bmjgh-2024-017578. [COBISS.SI-ID 230520835]
2. PEVEC, Teodor, ALBREHT, Tit, TURK, Eva. Safety culture in the operating room: translation, validation of the safety attitudes questionnaire - operating room version. *BMC health services research*. 2023, vol. 23, iss. , [article no.] 491, str. 1-8. ISSN 1472-6963. https://bmchealthservres.biomedcentral.com/articles/10.1186/s12913-023-09539-9, Digitalna knjižnica Univerze v Mariboru – DKUM, DOI: 10.1186/s12913-023-09539-9. [COBISS.SI-ID 152876291]
3. TURK, Eva, WONTOR, Viola, VERA-MUÑOZ, Cecilia, COMNES, Lucia, RODRIGUES, Natercia, FERRARI, Giovanna, MOEN, Anne. Human-centered integrated care pathways for co-creating a digital, user-centric health information solution. *Journal of integrated care*. 2022, vol. 30, no. 4, str. 296-309, ilustr. ISSN 2042-8685. https://www.emerald.com/insight/content/doi/10.1108/JICA-01-2022-0007/full/html, DOI: 10.1108/JICA-01-2022-000. [COBISS.SI-ID 125237251]
4. ČERNE, Tina, ZALETEL-KRAGELJ, Lijana, TURK, Eva, ROTAR-PAVLIČ, Danica. Experiences of quality of life and access to health services among rare disease caregivers: a scoping review. *Orphanet journal of rare diseases*. 2024, vol. 19, str. 1-13, ilustr. ISSN 1750-1172. https://ojrd.biomedcentral.com/articles/10.1186/s13023-024-03327-2, DOI: 10.1186/s13023-024-03327-2. [COBISS.SI-ID 206896899]

projekt: P3-0339; financer: Slovenian Research Agency

MIGLIORE, Antonio, VICARI, Nicola, TURK, Eva, SUCU, Rabia. Driving policy dialogue on health technology assessment in Eastern Europe and Central Asia : reporting from an initiative of Health Technology Assessment International. *International journal of technology assessment in health care*. 2025, vol. 41, no. 1, 6 str. ISSN 1471-6348. https://www.cambridge.org/core/services/aop-cambridge-core/content/view/2941C9CE1323A1FEF985A84437EBF5D8/S0266462325000066a.pdf/driving-policy-dialogue-on-health-technology-assessment-in-eastern-europe-and-central-asia-reporting-from-an-initiative-of-health-technology-assessment-international.pdf, DOI: 10.1017/S0266462325000066. [COBISS.SI-ID 230529027]