



## UČNI NAČRT PREDMETA / COURSE SYLLABUS

<b>Predmet:</b>	Na dokazih podprta medicina – zdravstvena ekonomika, varnost bolnika, kakovost v zdravstvu
<b>Course title:</b>	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

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:

Jeziki / Predavanja / Lectures:   
 Languages: Vaje / Tutorial:

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

**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

**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

**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

**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

**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



Univerza v Mariboru

Medicinska fakulteta

**Metode poučevanja in učenja:**Predavanja  
Seminarji**Learning and teaching methods:**Lectures  
Seminars**Načini ocenjevanja:****Delež (v %) /  
Weight (in %)****Assessment:**Način (pisni izpit, ustno izpraševanje, naloge,  
projekt):Obveznosti študentov: seminar  
- pisni izpit.

100

Type (examination, oral, coursework, project):

Student's commitments: seminars  
- written exam.**Reference nosilca / Lecturer's references:****ČLANKI**

**TURK, Eva**, PREVOLNIK RUPEL, Valentina, TAPAJNER, Alojz, ISOLA, Arja. Reliability and validity of the audit on diabetes-dependent quality of life (ADDQoL) and EQ-5D in elderly Slovenian diabetes mellitus type 2 patients. *Health*, ISSN 1949-5005, Mar. 2014, vol. 6, no. 8, str. 699-711.

PREVOLNIK RUPEL, Valentina, SIMČIČ, Biserka, **TURK, Eva**. *Terminološki slovar izrazov v sistemu zdravstvenega varstva*. Različica 1.0. Ljubljana: Ministrstvo za zdravje, 2014

**TURK, Eva**, PREVOLNIK RUPEL, Valentina, TAPAJNER, Alojz, LEYSHON, Stephen, ISOLA, Arja. An audit of diabetes-dependent quality of life (ADDQOL) in older patients with diabetes mellitus type 2 in Slovenia. *Value in health regional issues*, ISSN 2212-1102, Sep.-Oct. 2013, vol. 2, issue 2, str. 248-253

**TURK, Eva**, LEYSHON, Stephen, PYTTE, Morten. Varnost pacientov v čezmejnem zdravstvenem varstvu = Patients' safety in cross-border care. V: KRALJIČ, Suzana (ur.), REBERŠEK GORIŠEK, Jelka (ur.), RIJAVEC, Vesna (ur.). *Medicina in pravo : sodobne dileme III*. Maribor: Pravna fakulteta, 2014, str. 235-243

ALBREHT, Tit, **TURK, Eva**, PREVOLNIK RUPEL, Valentina. Slovenia. V: MARESSO, Anna (ur.). *Economic crisis, health systems and health in Europe : country experiences*, (Observatory Studies Series, no. 41). Copenhagen: World Health Organization, Regional Office for Europe; [Brussels]: European Observatory on Health Systems and Policies, cop. 2015, str. 482-486

**TURK, Eva**, ZALETEL, Jelka, ORMSTAD, Sari Susanna, MIČETIČ-TURK, Dušanka, ISOLA, Arja. Is a multi-disciplinary approach in the delivery of care for patients with Diabetes mellitus Type 2 cost effective? A systematic review. *HealthMed*, ISSN 1840-2291, 2011, vol. 6, no. 2, str. 711-719.

PREVOLNIK RUPEL, Valentina, **TURK, Eva**, et al. EQ-5D studies in nervous system diseases in eight Central and Eastern European countries. *Value in health : the journal of the International Society for Pharmacoeconomics and Outcomes Research*, ISSN 1098-3015, Nov. 2016, vol. 19, no. 7, str. A471.

LEYSHON, Stephen, LISTYOWARDOJO, Tita A., **TURK, Eva**, ORR, Aileen, RAY-SANNERUD, Bobbie, BARACH, Paul. How regulators assess and accredit safety and quality in surgical services. V: SANCHEZ, Juan A. (ur.). *Surgical patient care : improving safety, quality and value*. Cham: Springer. cop. 2017, str. 755-783. [https://link.springer-com.ezproxy.lib.ukm.si/chapter/10.1007/978-3-319-44010-1\\_45](https://link.springer.com.ezproxy.lib.ukm.si/chapter/10.1007/978-3-319-44010-1_45)