2025/2026

Univerza v Mariboru
Medicinska fakulteta

UČNI NAČRT PREDMETA / COURSE SYLLABUS	
Ime predmeta:	Izbrane vsebine in novosti v geriatriji
Course title:	Selected topics and novelties in geriatrics

Študijski program in stopnja **Study programme and cycle**	**Študijska smer** **Study option**	**Letnik** **Year of study**	**Semester** **Semester**
Splošna medicina, enovit magistrski študijski program		Peti, šesti	9., 11.
General medicine, Uniform master's degree study program		Fifth, sixth	9th, 11th

Vrsta predmeta (obvezni ali izbirni) / **Course type (compulsory or elective)**	Izbirni Elective
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**
		AV	**LV**	**RV**				
5	40						45	3

Nosilec predmeta / Course coordinator:	Red. prof. dr. Radovan Hojs Izr. prof. dr. Marjan Skalicky (sonosilec)
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):	**Content (syllabus outline):**
Študent naj poglobi znanje o procesu staranja. Poglobi znanje o najpomembnejših bolezni tega obdobja, ne le o boleznih, ki so glavni vzrok smrti (srčno-žilne bolezni, rak, itd), temveč se seznani tudi s posebnostmi nekaterih drugih bolezni v tem obdobju. Poglobi znanje o možnostih zdravljenja starostnika.	Students should study in depth aging process and learn about the most important diseases of this period; not only about diseases which are main cause of death (cardiovascular diseases, cancer, etc), but also about some other specific diseases related to old age. Student becomes familiar with treatment of the elderly.

Temeljni literatura in viri / Reading materials:

1. Košnik M, Štajer D, Jug B, Kocjan T, Koželj M, ur. Interna medicina. 6. izd. Ljubljana: Medicinska fakulteta; 2022.
2. Woodford H. Essential Geriatrics. 4th ed. Boca Raton, FL.: CRC Press; 2022.
3. Chun A, ed. Geriatric Practice: A Competency Based Approach to Caring for Older Adults. Cham: Springer; 2020.

Cilji in kompetence:

Študent naj poglobljeno spozna možnosti ohranjanja starostnikovega zdravja. Poglobi naj se v specifičnost bolezenskih procesov oz. bolezni pri starostniku (efekt domin).

Objectives and competences:

Students should empower their knowledge how to enhance the health of an elderly person. Student learns in-depth about diseases processes in elderly.

Predvideni študijski rezultati:

Znanje in razumevanje:
Študent nadgradi spoznavo »zdrave« starosti – stanja, ki ni bolezen. Nadgradi razumevanje starosti kot stanja povečane dovzetnosti za bolezenske procese in poglobi znanje, da bolezen pri starostniku poteka drugače (težje, sočasna prizadetost več organskih sistemov, itd.)

Prenesljive/ključne spretnosti in drugi atributi:
Zgodnja spoznava vulnerabilnosti starostnika in kompleksnost bolezenskih procesov

Intended learning outcomes:

Knowledge and Understanding:
Students upgrade their knowledge about healthy aging – a state not being an illness. Understanding of aging is upgraded and considered as an state prone to diseases, with different course (more severe, simultaneous affect more systems etc.)

Transferable/Key Skills and other attributes:
An early recognition of vulnerability of an elderly person and complexity of diseases processes.

Metode poučevanja in učenja:

Predavanja služijo kot osnova, ki jo študent nadgradi z aktivnim sodelovanjem pri seminarjih.

Learning and teaching methods:

Knowledge acquired on lectures is upgraded with active seminar work.

Načini ocenjevanja:	Delež (v %) / Share (in %)	**Assessment methods:**
Način (pisni izpit, ustno izpraševanje, naloge, projekt) Ustni izpit ŠTUDIJSKE OBVEZNOSTI ŠTUDENTOV: - POGOJI ZA PRISTOP K POSAMEZNEMU PREVERJANJU ZNANJA: -	**100 %**	Type (examination, oral, coursework, project): Oral exam ACADEMIC OBLIGATIONS OF STUDENTS: **/** REQUIREMENTS FOR ACCESS TO INDIVIDUAL KNOWLEDGE CHECKING: **/**

Reference nosilca / Course coordinator's references:

RADOVAN HOJS

1. Physicians' responsibility toward environmental degradation and climate change: A position paper of the European Federation of Internal Medicine. Campos L, Barreto JV, Bassetti S, Bivol M, Burbridge A, Castellino P, Correia JA, Durusu-Tanriöver M, Fierbinteanu-Braticevici C, Hanslik T, Heleniak Z, Hojs R, Lazebnic L, Mylona M, Raspe M, Melo

JQE, Pietrantonio F, Gans R, Pálsson R, Montano N, Gómez-Huelgas R, Dicker D. Eur J Intern Med. 2022 Oct;104:55-58. doi: 10.1016/j.ejim.2022.08.001. Epub 2022 Aug 31. PMID: 36055953

2. The Role of Vascular Lesions in Diabetes Across a Spectrum of Clinical Kidney Disease. Rodríguez-Rodríguez R, Hojs R, Trevisani F, Morales E, Fernández G, Bevc S, Cases Corona CM, Cruzado JM, Quero M, Navarro Díaz M, Bettiga A, Di Marco F, López Martínez M, Moreso F, García Garro C, Khazim K, Ghanem F, Praga M, Ibernón M, Laranjinha I, Mendonça L, Bigotte Vieira M, Hornum M, Feldt-Rasmussen B, Fernández-Fernández B, Concepción PF, Negrín Mena N, Ortiz A, Porrini E; DIABESITY working group of the ERA. Kidney Int Rep. 2021 Jun 12;6(9):2392-2403. doi: 10.1016/j.ekir.2021.06.001. eCollection 2021 Sep. PMID: 34514200 Free PMC article.

3. A randomized multicenter trial on a lung ultrasound-guided treatment strategy in patients on chronic hemodialysis with high cardiovascular risk. Zoccali C, Torino C, Mallamaci F, Sarafidis P, Papagianni A, Ekart R, Hojs R, Klinger M, Letachowicz K, Fliser D, Seiler-Mußler S, Lizzi F, Wiecek A, Miskiewicz A, Siamopoulos K, Balafa O, Slotki I, Shavit L, Stavroulopoulos A, Covic A, Siriopol D, Massy ZA, Seidowsky A, Battaglia Y, Martinez-Castelao A, Polo-Torcal C, Coudert-Krier MJ, Rossignol P, Fiaccadori E, Regolisti G, Hannedouche T, Bachelet T, Jager KJ, Dekker FW, Tripepi R, Tripepi G, Gargani L, Sicari R, Picano E, London GM. Kidney Int. 2021 Dec;100(6):1325-1333. doi: 10.1016/j.kint.2021.07.024. Epub 2021 Aug 19.PMID: 34418415 Clinical Trial.

4. Diabetic patients with chronic kidney disease: Non-invasive assessment of cardiovascular risk. Piko N, Bevc S, Ekart R, Petreski T, Vodošek Hojs N, Hojs R. World J Diabetes. 2021 Jul 15;12(7):975-996. doi: 10.4239/wjd.v12.i7.975. PMID: 34326949 Free PMC article. Review.

5. Mineralocorticoid Receptor Antagonists in Diabetic Kidney Disease. Vodošek Hojs N, Bevc S, Ekart R, Piko N, Petreski T, Hojs R. Pharmaceuticals (Basel). 2021 Jun 11;14(6):561. doi: 10.3390/ph14060561. PMID: 34208285 Free PMC article. Review.

6. CHA2DS2-VASc Score as a Predictor of Cardiovascular and All-Cause Mortality in Chronic Kidney Disease Patients. Vodošek Hojs N, Ekart R, Bevc S, Piko N, Hojs R. Am J Nephrol. 2021;52(5):404-411. doi: 10.1159/000516121. Epub 2021 May 11. PMID: 33975308

7. Subclinical atherosclerosis in patients with relapsing-remitting multiple sclerosis. Omerzu T, Magdič J, Hojs R, Potočnik U, Gorenjak M, Fabjan TH. Wien Klin Wochenschr. 2021 Apr 26. doi: 10.1007/s00508-021-01862-7. Online ahead of print. PMID: 33903956

8. Oxidative Stress Markers in Chronic Kidney Disease with Emphasis on Diabetic Nephropathy. Vodošek Hojs N, Bevc S, Ekart R, Hojs R. Antioxidants (Basel). 2020 Sep 27;9(10):925. doi: 10.3390/antiox9100925. PMID: 32992565 Free PMC article. Review.

9. The association between pulse wave analysis, carotid-femoral pulse wave velocity and peripheral arterial disease in patients with ischemic heart disease. Piko N, Bevc S, Hojs R, Naji FH, Ekart R. BMC Cardiovasc Disord. 2021 Jan 13;21(1):33. doi: 10.1186/s12872-021-01859-0. PMID: 33441117 Free PMC article.

MARJAN SKALICKY

SKALICKY, Marjan, KRIŽMARIĆ, Miljenko, PROSEN, Gregor, PETROVČIČ, Rok, MARKOTA, Andrej, TAKAČ, Iztok, SERDINŠEK, Tamara, SKALICKY, Marjan (urednik). *Simulatorji : opis učnih vsebin : gradivo za študente. Zv. 1*. 1. izd. Maribor: Univerzitetna založba Univerze, 2018. 60 str., ilustr. ISBN 978-961-286-059-2. [COBISS.SI-ID 95844353]

SKALICKY, Marjan. Urednikova beseda. V: SKALICKY, Marjan (ur.), et al. *Simulatorji : opis učnih vsebin : gradivo za študente. Zv. 1*. 1. izd. Maribor: Univerzitetna založba Univerze, 2018. Str. 9-10. ISBN 978-961-286-059-2. [COBISS.SI-ID 512876856]

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SKALICKY, Marjan. Simulacija invazivne endoskopije zgornjih in spodnjih prebavil. V: SKALICKY, Marjan (ur.), et al. *Simulatorji : opis učnih vsebin : gradivo za študente. Zv. 1*. 1. izd. Maribor: Univerzitetna založba Univerze, 2018. Str. 27-29. ISBN 978-961-286-059-2. [COBISS.SI-ID 512878648]

SKALICKY, Marjan. *Ledvice in žolčnik : predavanje in vodenje delavnice na medicinskem tečaju "Ultrafest Maribor 2018", Medicinska fakulteta Maribor, 21. maj 2018*. [COBISS.SI-ID 6437183]