



Univerza v Mariboru



MEDICINSKA FAKULTETA

UČNI NAČRT PREDMETA / SUBJECT SPECIFICATION

Predmet:	Interna medicina – praktično delo ob bolniku
Subject Title:	Internal medicine - work with patients

Študijski program Study programme	Študijska smer Study field	Letnik Year	Semester Semester
Splošna medicina General medicine - EMŠP		6	12

Univerzitetna koda predmeta / University subject code:

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Labor work	praktikum	Samost. delo Individ. work	ECTS
				360	180	18

Nosilec predmeta / Lecturer:

Red. prof. dr. Breda Pečovnik Balon
Red. prof. dr. Ivan Krajnc (sonosilec)
Red. prof. dr. Radovan Hojs (sonosilec)

Jeziki /

Predavanja / Lecture:

Languages:

Vaje / Tutorial: Slovenščina/slovene

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

Prerequisites:

Vsebina:

Študent dela pod tutorstvom sobnega zdravnika v bolniških sobah. Opravlja pregled bolnika (status) in anamnezo. Sodeluje pri načrtovanju diagnostičnih preiskav, analizi izvidov in pri odločanju o zdravljenju. Študent aktivno sodeluje pri delu diplomiranih medicinskih sester, tako pri odvzemu krvi, dajanju injekcij... Spremlja bolnika na preiksavo kot so rentgensko slikanje, invazivne kardiološke in gastroenterološke preiskave itd. Sobni zdravnik in predstojnik oddelka s svojim podpisom zagotavljata, da je opravil vse predvidene posege, ki so določeni v kartonu obveznosti študenta.

Content (Syllabus outline):

The student works under tutor's supervision in clinical wards. He/she performs examinations (clinical status) and establishes the patient's medical history. He/she cooperates in planning diagnostic procedures, analysis of results and subscription of the therapy. The student also actively participates in nurses' practice (taking blood examples, applications of ampoules). He/she accompanies the patient to X-ray and invasive cardiac and gastroenterological examinations etc. The student works in all departments of internal OPC and has to accomplish all scheduled commitments. At the end of practical training the head of the department confirms the student's work with a signature.

Temeljni literatura in viri / Textbooks:

1. Kocijančič: Klinična preiskava, Ljubljana: Littera picta, 2000.
2. N. Talley, O. S. Connor Clinical examination, Second Edition. Oxford: Blackwell Scientific Publication, 1992.
a. Kocijančič, F. Mrevlje Interna medicina, 2. dopolnjena izdaja, Ljubljana, 1998.
3. KJ Isselbacher. Harrison s Principals of Internal Medicine, 16.th edition, McGraw-Hill, Inc, New York, 2005.
4. D. Keber. Zdravljenje notranjih bolezni. Algoritmi odločanja in ukrepanja. Medicinski razgledi, 1992.
5. D. Keber. Zdravljenje notranjih bolezni. Algoritmi odločanja in ukrepanja. Medicinski razgledi, 1993.
6. D. Keber. Razpoznavanje notranjih bolezni. Diagnostični algoritmi. Medicinski razgledi, 1994.
7. P.J. Kumar, M.J. Clark. Clinical Medicine. London: Baillere Tindal.

Cilji:

Objectives:

Praktično usposabljanje študenta in pridobitev znanja, da je sposoben za samostojno delo.

Practical training, acquisition of knowledge, and ability to work independently

Predvideni študijski rezultati:

Intended learning outcomes:

Znanje in razumevanje:
Praktično in teoretično znanje za samostojno delo.

Knowledge and comprehension:
Practical and theoretical knowledge necessary for independent work

Prenesljive/ključne spretnosti in drugi atributi:
Praktično klinično znanje glede na katalog veščin.

Transferable/Key Skills and other attributes:
Practical clinical knowledge considering the catalog of skills.

Metode poučevanja in učenja:

Learning and teaching methods:

Praktično klinično delo

Practical clinical work

Načini ocenjevanja:

Delež (v %) /
Weight (in %)

Assessment:

Preverjanje znanja ob konkretnem bolniku, seminarji, ustni, praktični izpit, naloge, projekt)

Zaključni ustni izpit iz interne medicine, ki zajema pregled bolnika in ustni teoretični izpit

100 %

Type (examination, seminar papers, oral examination, practical examination, project work):

Final oral examination which includes practical patient examination and oral theoretical examination.

Reference nosilca / Lecturer's references:

BREDA PEČOVNIK BALON:

HOJS, Nina, BEVC, Sebastjan, PEČOVNIK-BALON, Breda, HOJS, Radovan, EKART, Robert. Paricalcitol reduces proteinuria in non-dialysis chronic kidney disease patients. V: BUTUROVIČ-PONIKVAR, Jadranka (ur.). Special issue : contributions from the 5th Slovenian Congress of Nephrology with international participation, (Therapeutic apheresis and dialysis (Online), ISSN 1744-9987, vol. 17, no. 4). [S. I.]: International Society for Apheresis, cop. 2013, str. 368-372. <http://onlinelibrary.wiley.com/doi/10.1111/1744-9987.12080/pdf>, doi: 10.1111/1744-9987.12080. [COBISS.SI-ID 4745023], [JCR, SNIP, WoS do 23. 9. 2013: št. citatov (TC): 0, čistih citatov (CI): 0, normirano št. čistih citatov (NC): 0, Scopus do 9. 9. 2013: št. citatov (TC): 0, čistih citatov (CI): 0, normirano št. čistih citatov (NC): 0] tipologija 1.08 -> 1.01

BEVC, Sebastjan, PURG, Darinka, TURNŠEK, Nina, HREN, Martin, HOJS, Nina, ZORMAN, Tadej, PEČOVNIK-BALON, Breda, DVORŠAK, Benjamin, EKART, Robert, HOJS, Radovan. Ankle-brachial index and cardiovascular mortality in nondiabetic hemodialysis patients. V: BUTUROVIČ-PONIKVAR, Jadranka (ur.). Special issue : contributions from the 5th Slovenian Congress of Nephrology with international participation, (Therapeutic apheresis and dialysis (Online), ISSN 1744-9987, vol. 17, no. 4). [S. I.]: International Society for Apheresis, cop. 2013, str. 373-377, ilustr. <http://onlinelibrary.wiley.com/doi/10.1111/1744-9987.12081/pdf>, doi: 10.1111/1744-9987.12081. [COBISS.SI-ID 4745535], [JCR, SNIP, WoS do 16. 9. 2013: št. citatov (TC): 0, čistih citatov (CI): 0, normirano št. čistih citatov (NC): 0, Scopus do 9. 9. 2013: št. citatov (TC): 0, čistih citatov (CI): 0, normirano št. čistih citatov (NC): 0] tipologija 1.08 -> 1.01

BREZNIK, Silva, EKART, Robert, HREN, Martin, RUPREHT, Mitja, PEČOVNIK-BALON, Breda. Radiographic assessment of vascular calcification, aortic pulse wave velocity, ankle-brachial index and fibroblast growth factor-23 in chronic hemodialysis patients. V: BUTUROVIČ-PONIKVAR, Jadranka (ur.). Special issue : contributions from the 5th Slovenian Congress of Nephrology with international participation, (Therapeutic apheresis and dialysis (Online), ISSN 1744-9987, vol. 17, no. 4). [S. I.]: International Society for Apheresis, cop. 2013, str. 378-383, ilustr. <http://onlinelibrary.wiley.com/doi/10.1111/1744-9987.12082/pdf>, doi: 10.1111/1744-9987.12082. [COBISS.SI-ID 4745279], [JCR, SNIP, WoS do 23. 9. 2013: št. citatov (TC): 0, čistih citatov (CI): 0, normirano št. čistih citatov (NC): 0, Scopus do 4. 9. 2013: št. citatov (TC): 0, čistih citatov (CI): 0, normirano št. čistih citatov (NC): 0] tipologija 1.08 -> 1.01

EKART, Robert, KANIČ, Vojko, PEČOVNIK-BALON, Breda, BEVC, Sebastjan, DVORŠAK, Benjamin, HOJS, Radovan. Blood

pressure measurements and left ventricular mass index in hemodialysis patients. *Artificial organs*, ISSN 0160-564X, 2012, vol. 36, issue 6, str. 517-524. <http://onlinelibrary.wiley.com/doi/10.1111/j.1525-1594.2011.01401.x/pdf>, doi: 10.1111/j.1525-1594.2011.01401.x. [COBISS.SI-ID 4393279], [JCR, SNIP, WoS do 11. 4. 2013: št. citatov (TC): 2, čistih citatov (CI): 2, normirano št. čistih citatov (NC): 1, Scopus do 20. 3. 2013: št. citatov (TC): 1, čistih citatov (CI): 1, normirano št. čistih citatov (NC): 1]

EKART, Robert, KANIČ, Vojko, PEČOVNIK-BALON, Breda, BEVC, Sebastjan, HOJS, Radovan. Prognostic value of 48-hour ambulatory blood pressure measurement and cardiovascular mortality in hemodialysis patients. *Kidney & blood pressure research*, ISSN 1420-4096, 2012, vol. 35, no. 5, str. 326-331.

<http://content.karger.com/produktedb/produkte.asp?DOI=10.1159/000336357>, doi: 10.1159/000336357.

[COBISS.SI-ID 4393535], [JCR, SNIP, WoS do 17. 7. 2013: št. citatov (TC): 2, čistih citatov (CI): 2, normirano št. čistih citatov (NC): 1, Scopus do 10. 9. 2012: št. citatov (TC): 0, čistih citatov (CI): 0, normirano št. čistih citatov (NC): 0]

IVAN KRAJNC:

KOŠUTIĆ, Damir, PEJKOVIĆ, Božena, ANDERHUBER, Friedrich, VADNJAL, Sabina, ŽIC, Rado, GULIC, Rozita, KRAJNC, Ivan, ŠOLMAN, Lea, KOCBEK, Lidija. Complete mapping of lateral and medial sural artery perforators : anatomical study with Duplex-Doppler ultrasound correlation. *Journal of plastic, reconstructive & aesthetic surgery*, 2012, vol. 65, issue 11, str. 1530-1536, doi: 10.1016/j.bjps.2012.04.045. [COBISS.SI-ID 51228408]

KOCBEK, Lidija, KRAJNC, Ivan, ANDERHUBER, Friedrich. Anatomical variations of the posterior intercostal arteries and the thoracic vertebral artery. *J. int. med. res.*, 2011, vol. 39, no. 3, str. 1001-1005. [COBISS.SI-ID 3996223]

GORIŠEK, Borut, KRAJNC, Petra, KRAJNC, Ivan. Quality of life and the effect on social status among Slovenian women after breast cancer treatment. *J. int. med. res.*, Mar.-Apr. 2009, vol. 37, no. 2, str. 557-566. [COBISS.SI-ID 3285311]

GORIŠEK, Borut, REBOLJ STARE, Marija, KRAJNC, Ivan. Accuracy of intra-operative frozen section analysis of ovarian tumours. *J. int. med. res.*, 2009, vol. 37, no. 4, str. 1173-1178.

<http://www.jimronline.net/content/full/2009/92/1227.pdf>. [COBISS.SI-ID 3384127]

DINEVSKI, Dejan, POLI, Andrea, KRAJNC, Ivan, ŠUŠTERŠIČ, Olga, ARH, Tanja. E-health integration and interoperability based on open-source information technology. *Wien. klin. Wochenschr., Suppl.*, 2010, vol. 122, suppl. 2, str. 3-10, doi: 10.1007/s00508-010-1354-9. [COBISS.SI-ID 3670335]

RADOVAN HOJS

EKART, Robert, KANIČ, Vojko, PEČOVNIK-BALON, Breda, BEVC, Sebastjan, DVORŠAK, Benjamin, HOJS, Radovan. Blood pressure measurements and left ventricular mass index in hemodialysis patients. *Artificial organs*, ISSN 0160-564X, 2012, vol. 36, issue 6, str. 517-524. <http://onlinelibrary.wiley.com/doi/10.1111/j.1525-1594.2011.01401.x/pdf>, doi: 10.1111/j.1525-1594.2011.01401.x. [COBISS.SI-ID 4393279], [JCR, SNIP, WoS do 11. 4. 2013: št. citatov (TC): 2, čistih citatov (CI): 2, normirano št. čistih citatov (NC): 1, Scopus do 20. 3. 2013: št. citatov (TC): 1, čistih citatov (CI): 1, normirano št. čistih citatov (NC): 1]

HOLC, Iztok, HOJS, Radovan, ČIKEŠ, Nada, AMBROŽIČ, Aleš, ČUČNIK, Saša, KVEDER, Tanja, ROZMAN, Blaž, PAHOR, Artur. Antiphospholipid antibodies and atherosclerosis: Insights from Rheumatoid arthritis - A five-year follow-up study. *Immunobiology*, ISSN 0171-2985, 2011, vol. 216, no. 12, str. 1331-1337.

<http://www.sciencedirect.com/science/article/pii/S0171298511001008>, doi: 10.1016/j.imbio.2011.05.008.

[COBISS.SI-ID 4033855], [JCR, SNIP, WoS do 10. 1. 2012: št. citatov (TC): 0, čistih citatov (CI): 0, normirano št. čistih citatov (NC): 0, Scopus do 17. 7. 2013: št. citatov (TC): 4, čistih citatov (CI): 3, normirano št. čistih citatov (NC): 1]

HOJS, Radovan, BEVC, Sebastjan, EKART, Robert, GORENJAK, Maksimiljan, PUKLAVEC, Ludvik. Kidney function estimating equations in patients with chronic kidney disease. *International journal of clinical practice*, ISSN 1368-5031, Apr. 2011, vol. 65, no. 4, str. 458-464, doi: 10.1111/j.1742-1241.2010.02597.x. [COBISS.SI-ID 3905599], [JCR, SNIP, WoS do 31. 12. 2013: št. citatov (TC): 5, čistih citatov (CI): 4, normirano št. čistih citatov (NC): 2, Scopus do 25. 12. 2013: št. citatov (TC): 4, čistih citatov (CI): 4, normirano št. čistih citatov (NC): 2]

PFEFFER, Marc A., HOJS, Radovan, NAVODNIK-PRELOŽNIK, Maja, RUS, Igor, SAKSIDA, Silvana, et al. Baseline characteristics in the trial to reduce cardiovascular events with aranesp therapy (TREAT). *American journal of kidney*

diseases, ISSN 0272-6386, Jul. 2009, vol. 54, no. 1, str. 59-69.

<http://www.sciencedirect.com/science/article/pii/S0272638609006404>, doi: 10.1053/j.ajkd.2009.04.008. [COBISS.SI-ID 4633151], [JCR, SNIP, WoS do 9. 5. 2013: št. citatov (TC): 20, čistih citatov (CI): 19, normirano št. čistih citatov (NC): 8, Scopus do 31. 12. 2013: št. citatov (TC): 25, čistih citatov (CI): 24, normirano št. čistih citatov (NC): 11]

PFEFFER, Marc A., NAVODNIK-PRELOŽNIK, Maja, HOJS, Radovan, SAKSIDA, Silvana, RUS, Igor, et al. A trial of darbepoetin alfa in type 2 diabetes and chronic kidney disease. The New England journal of medicine, ISSN 0028-4793, 2009, vol. 361, no. 21, str. 2019-2032, doi: 10.1056/NEJMoa0907845. [COBISS.SI-ID 4403007], [JCR, SNIP, WoS do 6. 1. 2014: št. citatov (TC): 491, čistih citatov (CI): 491, normirano št. čistih citatov (NC): 186, Scopus do 7. 1. 2014: št. citatov (TC): 626, čistih citatov (CI): 626, normirano št. čistih citatov (NC): 237]