



Univerza v Mariboru

Medicinska fakulteta

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta:	PBL – Predklinika III
Course title:	PBL – Preclinic III

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
Splošna medicina, enovit magistrski študijski program		Drugi	3.
General medicine, Uniform master's degree study program		Second	3rd

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
	45	AV LV RV			45	3

Nosilec predmeta / Course coordinator:

prof. dr. Radovan Hojs

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):

Pouk pri predmetu poteka na osnovi reševanja primerov, ki so didaktično strukturirani tako, da pokrivajo vsa področja medicine in se pokrivajo s predmeti, ki jih študent obiskuje v tem letniku. PBL teče vzporedno ob predavanjih. Probleme študenti rešujejo v manjših skupinah, kar pomeni tudi pridobivanje in nadgrajevanje sposobnosti skupinskega dela,

Content (syllabus outline):

Course is based on case study, didactically structured to cover all medicine fields and overlap with courses studied during the academic year. PBL is carried out at the same time as lectures. Problems are solved in smaller groups. It means that students gain skills in team work, communication in team etc. Professors are »learning stimulators«. The content of cases follows the subject

komuniciranja v skupini, itd. Učitelji so »pospeševalci učenja«. Vsebina primerov je priložena za učnim načrtom Modul PBL IV – Temelji fiziologije – patofiziologije II.

specification of PBL IV - applied Physiology – pathophysiology II.

Temeljni literatura in viri / Reading materials:

1. Martini HF, Bartholomew EF. Essentials of Anatomy & Physiology. Third edition. San Francisco: Pearson Education, 2003 (tudi izdaja na CD)
2. Martini HF, Bartholomew EF. Application Manual. Essentials of Anatomy & Physiology. Third edition: New Jersey: Prentice-Hall, 2003
3. Waller DG, Renwick AG, Hillier K. Medical Pharmacology and Therapeutics. Edinburgh: WB Saunders, 2001
4. Kumar P, Clark M. Clinical Medicine. Fifth edition. Edinburgh: WB Saunders, 2002
5. Davies A, Blakeley AGH, Kidd C. Human Physiology. Edinburgh: Churchill Livingstone 2001
6. HARRISON'S principles of internal medicine / Kasper DL et al. 16th ed. New York: McGraw-Hill, Medical Publishing Division, 2005
7. ostala literatura letnika vpis

Cilji in kompetence:

Aktiviranje, izpopolnjevanje in prestrukturiranje že obstoječega znanja. Cilj je tudi sposobnost sočasne uporabe vseh razpoložljivih informacijskih virov. Pomemben del je tudi argumentiranje in citiranje uporabljenih virov v obravnavi posameznih problemov.

Objectives and competences:

Activating, upgrading and restructuring of already gained knowledge. Ability of simultaneous usage of all available information sources. Argumentation and quotation of used sources in problem solving.

Predvideni študijski rezultati:

Znanje in razumevanje:
Gre za izpopolnjevanje, poglobljanje, aktiviranje ter prestrukturiranje že obstoječega znanja, ki ga študenti pridobivajo pri vzporedno potekajočem »klasičnem« pouku.

Prenesljive/ključne spretnosti in drugi atributi:
Sposobnost skupinskega dela, komuniciranja v skupini, argumentiranja, samodisciplina

Intended learning outcomes:

Knowledge and Understanding:
Activating and restructuring of upgraded and depend knowledge, acquired simultaneously with "classical" study.

Transferable/Key Skills and other attributes:
Ability of team work, communications in group, argumentation and self discipline.

Metode poučevanja in učenja:

Metoda sedmih korakov:
-ugotoviti in razjasniti besede in fraze, ki se pojavljajo ob opisu problema
-iskanje pomembnih sestavin
-s pomočjo ključnih besed uporaba viharjenja možgan za iskanje razlag
-urejanje razlag v rešitve
-opredelitev ciljev za preverjanje veljavnosti razlag
-individualen študij z uporabo informacijskih virov
-izmenjava rezultatov individualnega študija z drugimi člani

Learning and teaching methods:

The Seven-Step Method:
-find out and explain terms and phrases related to description of problem
-looking for important components
- key words - brainstorming of key words to generate explanation
-organising of explanations into solution
-definition of aims for testing of the validity of interpretations
-individual study and usage of information sources
-exchange of results of individual study with other members.

Načini ocenjevanja:	Share (in %)	Assessment methods:
Način (pisni izpit, ustno izpraševanje, naloge, projekt) Aktivno sodelovanje pri reševanju problemov v skladu z metodo sedmih korakov. Pogoj za uspešno opravljene obveznosti je najmanj 80% prisotnost	100	Type (examination, oral, coursework, project): Active participation in problem solving according to the Seven-Step Method The condition for successfully completed obligations is at least 80% attendance.

Reference nosilca / Course coordinator's references:

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]