

TROPSKA IN POTOVALNA MEDICINA

UČNI NAČRT PREDMETA/COURSE SYLLABUS

Predmet:	Tropska in potovalna medicina
Course title:	Tropical and travel medicine
Članica nosilka/UL Member:	UL MF

Študijski programi in stopnja	Študijska smer	Letnik	Semestri	Izbirnost
Medicina, druga stopnja, enovit magistrski (v postopku)	Ni členitve (študijski program)	5. letnik	1. semester, 2. semester	izbirni

Univerzitetna koda predmeta/University course code:	0103828
Koda učne enote na članici/UL Member course code:	440

Predavanja /Lectures	Seminar /Seminar	Vaje /Tutorials	Klinične vaje /Clinical tutorials	Druge oblike študija /Other forms of study	Samostojno delo /Individual student work	ECTS
84	20	10	10	24	32	6

Nosilec predmeta/Lecturer:	Tadeja Kotar
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Vrsta predmeta/Course type:	izbirni strokovni/professional elective
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Jeziki/Languages:	Predavanja/Lectures:	Slovenščina
	Vaje/Tutorial:	Slovenščina

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

Praviloma se lahko vpišejo študenti 5 in/ali 6. letnika, študentje 4. letnika pa le izjemoma, če je zadosti mest. Ni posebnih pogojev za vpis.

Prerequisites:

As a rule the course is for student of 5 or. 6. academci year, for students in 4.th year only exceptionally (if there are free places). No special prerequisites are required.

Vsebina:

Uvodno predavanje, sistemske bakterijske okužbe (trebušni tifus, bruceloza, leptospiroza), malarija, laboratorij v tropih, driske, dehidracija/rehidracija, okužbe s črevesnimi paraziti, okužbe z metljaji, podhranjenost, kožne bolezni v tropih, leishmanioza, tripanosomoze, filarijoza, ehinokokoza in nevrocisticerkoza, steklina in tetanus, melioidoza, tularemija, antraks, kuga, tuberkuloza, gobavost, STD, HIV, virusne hemoragične mrzlice in riketioze, glivične okužbe v tropih, bolezni ustne votline, tropski kviz, tropski vikend (delavnice o načinu organiziranja odprav, etiki, laboratorijske vaje, delavnice o ranah, poškodbah,urgentni medicini),

Content (Syllabus outline):

Introductory lecture, systemic bacterial infections (typhoid, brucellosis, leptospirosis), malaria, laboratory in tropics, diarrhea, dehydration/rehydration, infections due to intestinal parasites, infections due to flukes, malnourishment, skin diseases in tropics, leishmaniosis, trypanosomiasis, filarial infections, echinococcosis, cysticercosis, rabies, tetanus, melioidosis, tularemia, anthrax , plague, tuberculosis, leprosy, sexually transmitted diseses, HIV, viral haemorrhagic fevers, rickettsial diseases, fungal infections in tropics, diseases of the oral cavity, tropical quiz, tropical weekend (workshops on organising work in tropics, ethical

poročila o delu študentskih humanitarnih odprav v tropih) Obvezna udeležba na predstavitev humanitarnih odprav na MF Študenti samostojno pripravijo seminar iz potovalne medicine (svetovanje, najpomembnejše bolezni pri popotnikih, priprava vloženjk za svetovanje)	questions, wounds, trauma, laboratory work, emergency medicine), students' report on work in tropics. Obligatory presence on student humanitarian work presentations on Medical Faculty. Compulsory seminar work on travel medicine (counselling, most frequent diseases in travelers, leaflets preparation)
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Temeljna literatura in viri/Readings:

Manson's Tropical Diseases: [Gordon C. Cook](#) Alimuddin I. Zula;
22nd edition, Saunders Elsevier;
Medecines Sans Frontieres: Clinical guide lines: Diagnosis and treatment manual for curative programmes in hospitals and dispensaries; guidance for prescribers. 2024 edition
(http://www.refbooks.msf.org/MSF_Docs/En/Clinical_Guide/CG_en.pdf)
Zborniki Potovalne medicine 2023, 2025 (Medicinski razgledi)

Cilji in kompetence:

Študent se podrobno spozna z boleznimi v tropih (klinična slika, diagnostika, zdravljenje), z etiko dela v tropih in z načinom organizacije humanitarne odprave, pridobi informacije o tem, kako je potekalo delo drugih študentskih odprav na posameznih destinacijah. Pridobi osnovne kompetence za zdravljenje bolezni v tropih in osnove svetovanja popotnikom pred odhodom v trope in osnove obravnave obolelega popotnika.

Objectives and competences:

The student knows in details tropical diseases (clinical picture, diagnostics, treatment), ethics of work in tropics, mode of organization of humanitarian expedition, gathers information about other student humanitarian expeditions in tropical destinations. The student acquires basic competence in treating patients in the tropical settings and acquires basic knowledge on counselling the travelers and knowledge in approach to ill returned traveler.

Predvideni študijski rezultati:

Znanje in razumevanje:
Poznavanje tropskih bolezni in posebnosti patologije v tropih,
Razumevanje problematike dela v pogojih revščine in slabe oskrbe, ter razumevanje etike humanitarnega dela.
Osnove svetovanja popotniku pred potovanjem (cepljenja, zaščita pred malarijo, preprečevanje potovalne driske,...) in poglavne bolezni pri obolelih popotnikih.

Intended learning outcomes:

Knowledge and understanding:
Of tropical diseases and specifics of work in tropics, understanding of problems of working in undeveloped countries as well as understanding of humanitarian work ethics.
Basics in pretravel advice (vaccination, antimalarial prophylaxis, travel diarrhoea prevention,...) and knowledge in ill returned travelers.

Metode poučevanja in učenja:

Predavanja, seminarji, delavnice

Learning and teaching methods:

Lectures, seminars, workshops

Načini ocenjevanja:

Delež/Weight

Assessment:

Po opravljeni odpravi študentje podajo poročilo in javno predstavijo delo odprave. Na koncu predavanja je preverjanje znanja v obliki tropskega kviza (kolokvij).	70,00 %	After expedition students prepare report and present their work. There is a quiz (examination) at the end of the course.
Ocenjeni bodo tudi seminarji. Obveznost prvega semestra je udeležba na predavanjih in priprava na seminar – izbira teme in dogovor z mentorjem.	30,00 %	Seminars will also be evaluated. Obligation of the first semester of attendance at lectures and preparation for the seminar - choice of topics and deal with the mentor.

Ocenjevalna lestvica:

Grading system:

5 - 10, pri čemer velja, da je pozitivna ocena od 6 - 10	5 - 10, a student passes the exam if he is graded from 6 to 10
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Reference nosilca/Lecturer's references:

1. GONÇALVES, José, KORITNIK, Tom, MIOČ, Verica, TRKOV, Marija, BOLJEŠIĆ, Maja, BERGINČ, Nataša, PROSENC, Katarina, KOTAR, Tadeja, PARAGI, Metka. Detection of SARS-CoV-2 RNA in hospital wastewater from a low COVID-19 disease prevalence area. *Science of the total environment*. [Online ed.]. Feb. 2021, vol. 755, str. 1-7, ilustr. ISSN 1879-1026. <https://www.sciencedirect.com/science/article/pii/S0048969720367577>, DOI: [10.1016/j.scitotenv.2020.143226](https://doi.org/10.1016/j.scitotenv.2020.143226). [COBISS.SI-ID [34481411](#)], [JCR, SNIP, WoS do 9. 1. 2024: št. citatov (TC): 76, čistih citatov (CI): 74, čistih citatov na avtorja (CIAu): 8.22, Scopus do 26. 2. 2024: št. citatov (TC): 86, čistih citatov (CI): 84, čistih citatov na avtorja (CIAu): 9.33]
 2. MULEC, Janez, SIMČIČ, Saša, KOTAR, Tadeja, KOFOLE, Romina, STOPINŠEK, Sanja. Survey of Histoplasma capsulatum in bat guano and status of histoplasmosis in Slovenia, Central Europe. *International journal of speleology*. Jan. 2020, vol. 49, iss. 1, str. 1-10, [3] str. (appendix), ilustr. ISSN 0392-6672. DOI: [10.5038/1827-806X.49.1.2297](https://doi.org/10.5038/1827-806X.49.1.2297). [COBISS.SI-ID [45788461](#)], [JCR, SNIP, WoS do 23. 8. 2023: št. citatov (TC): 4, čistih citatov (CI): 3, čistih citatov na avtorja (CIAu): 0.60, Scopus do 11. 9. 2023: št. citatov (TC): 4, čistih citatov (CI): 3, čistih citatov na avtorja (CIAu): 0.60]
 3. ŠOBA, Barbara, GAŠPERŠIČ, Špela, KEŠE, Darja, KOTAR, Tadeja. Molecular characterization of echinococcus granulosus sensu lato from humans in Slovenia. *Pathogens*. Jul. 2020, vol. 9, iss. 7, str. 1-12. ISSN 2076-0817. <https://www.mdpi.com/2076-0817/9/7/562>, [Repozitorij Univerze v Ljubljani – RUL](#), DOI: [10.3390/pathogens9070562](https://doi.org/10.3390/pathogens9070562). [COBISS.SI-ID [22857219](#)], [JCR, SNIP, WoS do 19. 2. 2024: št. citatov (TC): 11, čistih citatov (CI): 10, čistih citatov na avtorja (CIAu): 2.50, Scopus do 1. 3. 2024: št. citatov (TC): 10, čistih citatov (CI): 9, čistih citatov na avtorja (CIAu): 2.25]
- projekt: financer: Slovenian Research Agency