

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta:		Izbrana poglavja iz dermatološke onkologije						
Course title:		Selected Chapters on Dermatoooncology						
Študijski program in stopnja Study programme and cycle		Študijska smer Study option		Letnik Year of study	Semester Semester			
Biomedicinska tehnologija/3. stopnja				2	3 ali 4			
Biomedical Technology/3rd Degree								
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
15	30	AV	LV	RV		135	6	
Nosilec predmeta / Course coordinator:				doc. dr. Maruška Marovt				
Jeziki /Languages:		Predavanja / Lectures:		Slovenščina/Slovene				
		Vaje / Tutorial:		-				
Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:				Prerequisites for enrolling in the course or for performing study obligations:				
Pred posameznimi srečanji je priporočljivo preučiti poglavja dermatoooncologije iz navedene temeljne literature.				It is advisable to study the dermato-oncology chapters of the above-mentioned basic literature before each meeting.				
Vsebina (kratek pregled učnega načrta):				Content (syllabus outline):				
Aktinične keratoze, bazalnocelični karcinom in ploščatocelični karcinom Epidemiologija, patogeneza, dejavniki tveganja, klinične značilnosti, dermoskopija, histologija in zdravljenje Melanom Epidemiologija, molekularna patogeneza, dejavniki tveganja, klinične značilnosti, dermoskopija, histologija in zdravljenje Kožni limfomi Klasifikacija, epidemiologija, patogeneza, klinične značilnosti, histologija in zdravljenje				Actinic keratosis, basal cell carcinoma, and squamous cell carcinoma Epidemiology, pathogenesis, risk factors, clinical features, dermoscopy, pathology and treatment Melanoma Epidemiology, molecular pathogenesis, risk factors, clinical features, dermoscopy, pathology and treatment Cutaneous lymphomas Classification, epidemiology, pathogenesis, clinical features, pathology and treatment				
Temeljni literatura in viri / Reading materials:								

Bologna JL, Schaffer J, Cerroni L. Dermatology: 2-Volume Set 5th Edition. Elsevier, 2024
 Saavedra AP, Roh EK, Mikailov A. Fitzpatrick's color atlas and synopsis of clinical dermatology. McGraw Hill, 9th Ed, 2023
 Soyer PH, Argenziano G, Hofmann-Wellenhof R, Zalaudek I. Dermoscopy: The Essentials 3rd Edition. Elsevier, 2020

Cilji in kompetence:		Objectives and competences:	
<p>Cilj: Študenti bodo usposobljeni za razumevanje patogeneze kožnih tumorjev, dejavnikov tveganja za njihov nastanek, prepoznavanje klinične in dermoskopske slike ter možnosti sodobnega zdravljenja</p> <p>Kompetence: Pridobili bodo znanje o patogenezi, dejavnih tveganja, kliničnih in dermoskopskih značilnostih ter zdravljenju kožnih tumorjev</p>		<p>Objectives: To enable students to understand the pathogenesis of skin tumours, their risk factors, clinical and dermoscopic recognition and modern treatment options.</p> <p>To acquire knowledge of the pathogenesis, risk factors, clinical and dermoscopic features and management of skin tumours.</p>	
Predvideni študijski rezultati:		Intended learning outcomes:	
Študenti na izbranih kliničnih primerih analizirajo patogenezo in klinično sliko posameznih kožnih tumorjev ter predvidijo ustrezno zdravljenje.		Using selected clinical cases, students analyse the pathogenesis and clinical presentation of individual skin tumours and predict the appropriate treatment.	
Znanje in razumevanje:		Knowledge and understanding:	
Študenti povežejo obstoječe znanje in razumevanje patogeneze in kliničnih značilnosti posameznih kožnih tumorjev z načeli sodobnega zdravljenja.		Students will combine their existing knowledge and understanding of the pathogenesis and clinical features of individual skin tumours with the principles of modern treatment.	
Prenosljive/ključne spretnosti in drugi atributi:		Transferable/key competences and other abilities:	
V poteku raziskovalnega projekta študent pridobi znanje o patogenezi posameznih kožnih tumorjev, dejavnih tveganja za njihov nastanek, kliničnih in dermoskopskih značilnostih ter jih poveže s sodobnim zdravljenjem.		During the course of the research project, the student will gain knowledge of the pathogenesis of individual skin tumours, their risk factors, clinical and dermoscopic features and relate these to modern treatments.	
Metode poučevanja in učenja:		Learning and teaching methods:	
Predavanja Seminarji Samostojno delo		Lectures Seminars Individual work	
Načini ocenjevanja:		Delež (v %) / Assessment methods:	
		Share (in %)	
Način (pisni izpit, ustno izpraševanje, naloge, projekt)		Method (written or oral exam, coursework, project):	
Seminarska naloga	50 %	Seminar paper	
Raziskovalna naloga	50 %	Research assignment	

Reference nosilca / Course coordinator's references:

Wolf P, Ceovic R, Conrad C, Falkensteiner K, Graier T, Kořt-Kamiřska M, Marovt M, Mateeva V, Maul JT, Navarini AA, Nicolescu AC, Ratzinger G, Pavlovsky L, Sanzharovskaya M, Szegedi A, Reich A. Characteristics and management of

generalized pustular psoriasis (GPP): Experience from the Central and Eastern Europe (CEE) GPP Expert Network. *J Eur Acad Dermatol Venereol*. 2024 Jan 27. doi: 10.1111/jdv.19808. Epub ahead of print. PMID: 38279888.

Marovt M, Deželak P, Ekart R, Marko PB. Immune response to SARS-CoV-2 mRNA vaccine in patients with psoriasis treated with biologics. *Clin Exp Dermatol*. 2022 Nov;47(11):2041-2043. doi: 10.1111/ced.15347. Epub 2022 Aug 27. PMID: 35938595; PMCID: PMC9538036.

Grželj J, Marovt M, Marko PB, Mlinarič-Raščan I, Gmeiner T, Šmid A. Polymorphism in Gene for ABCC2 Transporter Predicts Methotrexate Drug Survival in Patients with Psoriasis. *Medicina (Kaunas)*. 2021 Oct 1;57(10):1050. doi: 10.3390/medicina57101050. PMID: 34684087; PMCID: PMC8539794.

Marovt M, Marko PB. Apremilast monotherapy for palmoplantar pustulosis: Report of three cases. *SAGE Open Med Case Rep*. 2021 Aug 11;9:2050313X211034926. doi: 10.1177/2050313X211034926. PMID: 34394938; PMCID: PMC8361521.

Grželj J, Mlinarič-Raščan I, Marko PB, Marovt M, Gmeiner T, Šmid A. Polymorphisms in GNMT and DNMT3b are associated with methotrexate treatment outcome in plaque psoriasis. *Biomed Pharmacother*. 2021 Jun;138:111456. doi: 10.1016/j.biopha.2021.111456. Epub 2021 Mar 10. PMID: 33714108.

Marovt M, Marko PB, Pirnat M, Ekart R. Effect of biologics targeting interleukin-23/-17 axis on subclinical atherosclerosis: results of a pilot study. *Clin Exp Dermatol*. 2020 Jul;45(5):560-564. doi: 10.1111/ced.14180. Epub 2020 Mar 6. PMID: 31961453.