

UČNI NAČRT PREDMETA / COURSE SYLLABUS								
Ime predmeta:		Onkologija dojk						
Course title:		Breast Oncology						
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	20	10					135	6
		AV	LV	RV				
Nosilec predmeta / Course coordinator:		Prof. dr. Iztok Takač						
Jeziki /Languages:		Predavanja / Lectures:		Slovenski/Slovenian				
		Vaje / Tutorial:		Slovenski/Slovenian				
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):				
Etiologija karcinomov ženskega reproduktivnega trakta in dojk. Epidemiologija in dejavniki tveganja. Diagnostični postopki in nove tehnologije. Načini zdravljenja bolnic z ginekološkimi malignomi in malignomi dojk in nove tehnologije: endoskopska operativa, korektivne operacije. Genetika raka na rodilih in dojkah, biologija celice in nova tehnologija sistemskega zdravljenja.				Etiology of cancers of the female reproductive tract and breast cancer. Epidemiology and risk factors. Diagnostic procedures and a new technic. Treatment modalities in gynecologic cancer and breast cancer and a new technic: endoscopy operative and reconstruction operative. Genetic of cancer of the female reproductive tract and breast and a new technic of systemic treatment.				
Temeljni literatura in viri / Reading materials:								
Coppplerson M (ed). Gynecologic Oncology. Fundamental Principles and Clinical Practice. Second Edition, Edinburgh; Churchill Livingstone, 1992.								
Fras AP (ed). Onkologija. Katedra za onkologijo in radioterapijo. Onkološki inštitut v Ljubljani. Ljubljana: Didakta 1994.								
DeVita VT, Hellman S, Rosenberg SA. Cancer. Principles & Practice of Oncology. 6th. ed. Philadelphia: Lippincott Williams & Wilkins, 2001.								
Pazdur R, Coia LR, Hoskins WJ, Wagman LD. Cancer Management: A Multidisciplinary Approach.								

Medical, Surgical, & Radiation Oncology. 8th ed. New York: CMP Healthcare Media, 2004.		
Cilji in kompetence:	Objectives and competences:	
Znanja o vzrokih in razširjenosti rakastih bolezni ženskega reproduktivnega trakta in raka dojk, s poudarkom na najpogostejših lokalizacijah. Pojavnost neoplastičnih bolezni v Sloveniji in v svetu. Različni diagnostični postopki in racionalna uporaba ter tehnološke novosti. Načini zdravljenja bolnic z ginekološkimi raki in rakom dojk – klasične in nove tehnologije. Operativno in sistemsko zdravljenje bolnic ter principi rehabilitacije bolnic z ginekološkimi malignomi.	Etiology and epidemiology of cancers of the female reproductive tract and Breast with most frequent localizations being more extensively studied. The incidence of neoplastic diseases in Slovenia and the world has to be learned. Various diagnostic procedures and their rational distribution and a new technology. Treatment modalities in gynecologic and breast cancer have to be learned. Principles of operative therapy, of systemic treatment as well as of rehabilitation of patients with gynecologic malignancies.	
Predvideni študijski rezultati:	Intended learning outcomes:	
Znanje in razumevanje: Kandidat mora po zaključki predavanj in vaj obvladati v programu zastavljene cilje.	Knowledge and understanding: After absolving the lectures and practical work the candidate has to present knowledge which is defined in the program.	
Prenosljive/ključne spretnosti in drugi atributi: Poznavanje diagnostičnih metod v medicini.	Transferable/key competences and other abilities: Knowledge of diagnostic methods in medicine.	
Metode poučevanja in učenja:	Learning and teaching methods:	
Predavanja Seminarji (pod vodstvom mentorja) Vaje (praktične vaje) Samostojno delo	Lectures Seminars (with collaboration of the mentor) Tutorial (practical work) Individual work	
Načini ocenjevanja:	Delež (v %) / Share (in %)	Assessment methods:
Način (pisni izpit, ustno izpraševanje, naloge, projekt)		Method (written or oral exam, coursework, project):
Ustno izpraševanje	50 %	Oral examination
Seminarska naloga	50 %	Coursework
Reference nosilca / Course coordinator's references:		
"LAMPELJ, Maja, ARKO, Darja, ČAS-SIKOŠEK, Nina, KAVALAR, Rajko, RAVNIK, Maja, JEZERŠEK NOVAKOVIĆ, Barbara, DOBNIK, Sarah, FOKTER DOVNIK, Nina, TAKAČ, Iztok. Urokinase plasminogen activator (uPA) and plasminogen activator inhibitor type-1 (PAI-1) in breast cancer : correlation with traditional prognostic factors. Radiology and oncology, ISSN 1318-2099. [Print ed.], Dec. 2015, vol. 49, no. 4, str. 357-364, IV. http://www.degruyter.com/view/j/raon.ahead-of-print/raon-2014-0049/raon-2014-0049.xml?format=INT , doi: 10.2478/raon-2014-0049. [COBISS.SI-ID 1979259], [JCR, SNIP, WoS do 13. 10. 2019: št. citatov (TC): 16, čistih citatov (CI): 16, čistih citatov na avtorja (CIAu): 1.78, Scopus do 28. 10. 2019: št. citatov (TC): 16, čistih citatov (CI): 16, čistih citatov na avtorja (CIAu): 1.78] kategorija: 1A3 (Z); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICM točke: 8.33, št. avtorjev: 9"		
"FOKTER DOVNIK, Nina, TAKAČ, Iztok. Prognostic significance of uPA/PAI-1 level, HER2 status, and traditional histologic factors for survival in node-negative breast cancer patients. Radiology and oncology, ISSN 1318-2099. [Print ed.], 2017, vol. 51, no. 1, str. 65-73, VI, ilustr.		

<https://www.degruyter.com/downloadpdf/j/raon.2017.51.issue-1/raon-2016-0024/raon-2016-0024.pdf>, doi: 10.1515/raon-2016-0024. [COBISS.SI-ID 5717567], [JCR, SNIP, WoS do 10. 3. 2019: št. citatov (TC): 5, čistih citatov (CI): 5, čistih citatov na avtorja (CIAu): 2.50, Scopus do 1. 3. 2019: št. citatov (TC): 5, čistih citatov (CI): 5, čistih citatov na avtorja (CIAu): 2.50] kategorija: 1A3 (Z); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICM točke: 35.45, št. avtorjev: 2"

"FOKTER DOVNIK, Nina, DOVNIK, Andraž, ČAS-SIKOŠEK, Nina, RAVNIK, Maja, ARKO, Darja, TAKAČ, Iztok. Prognostic role of HER2 status and adjuvant trastuzumab treatment in lymph node-negative breast cancer patients : a retrospective single center analysis. *Breast care*, ISSN 1661-3805, 2016, vol. 11, no. 6, str. 406-410, ilustr. <https://www.karger.com/Article/Abstract/454690>, <https://doi.org/10.1159/000454690>, doi: 10.1159/000454690. [COBISS.SI-ID 5913151], [JCR, SNIP, WoS do 27. 8. 2017: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.17, Scopus do 31. 8. 2017: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.17] kategorija: 1A3 (Z); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICM točke: 10.52, št. avtorjev: 6"