A COURSE SYLLABUS – DOCTORAL SCHOOL REGARDING THE QUALIFICATION CYCLE FROM 2020 TO 2024 AND FROM 2021 TO 2025

GENERAL INFORMATION ABOUT COURSE						
Course title		Innovative methods of treating chronic wounds, including cancer				
Name of the unit running the course		DOCTORAL SCHOOL of the University of Rzeszow				
Type of course (obligatory, optional)		Optional				
Year and semester of studies		II and III, sem. IV and VI				
Discipline		Health Sciences				
Language of Course		Polish				
Name of Course coordinator		Dr hab. prof. UR Dariusz Bazaliński				
Name of Course lecturer		Dr hab. prof. UR Dariusz Bazaliński				
Prerequisites		Knowledge of human nutrition.				
· · /		Knowledge in the field of immunology.				
	BRIE	F DESCRI	PTION OF COURS	E		
		(100-:	200 words)			
The incidence of damage to the skin and subcutaneous tissue in the lower limbs in the course of vascular diseases (DFU diabetes food ulcer, PAD peripheral arterosclerosis diseases, CVI chronic venous insufficiency) is a global problem and concerns an increasing group of chronically ill patients. Ineffectively implemented therapeutic strategies and difficulties in maintaining continuity of patient care are the main problems faced by health care systems. The still low self-awareness of prophylaxis and prehabilitation in this group of patients contributes to prolonged treatment time and the risk of secondary infections. Huge financial outlays are allocated to supply this group of patients. The cost of treating chronic wounds is high, accounting for approximately 1-3% of total healthcare expenditure in developed countries. Data from the United States indicate that more than 2% of the population or nearly 5.7 million people with chronic wounds represent a financial burden of USD 20 million. Chronic wounds contribute to a decline in productivity, occuring in a group of patients who are professionally active, predispose to absenteeism and social isolation. It is necessary to strive for the shortest possible wound treatment time, minimizing the causes that interfere with this process.						
Learning	The description of	of the	Relation to the	Learning Format	Method of	
OUTCOME	learning outcome de	fined for	degree	(Lectures, classes,)	assessment	
	the course		programme		of learning	
			outcomes		test oral exam	
			(symbol)		written exam,	
					project,)	
Knowledge	Knows and understan	ds				
(no.)	T			Lastura		
1.	To the extent that all	ows the	F03-WG/1	Lecture	written exam	
	revision of existing pa	aradigms				
	- world achievements	21				
	foundations are the	احتجمهم				
	ioundations as well a	s general				
	issues and selected s	pecific nt of				
	foundations as well a issues and selected s issues in the treatme	s general pecific nt of				

P8S-WG/2

Lecture

Written exam

chronic wounds.

2.

The main trends in the

development of health

	sciences in the treatment of			
	chronic wounds.			
3.	Methodology of scientific research in the field of prevention and treatment of chronic wounds	P8S-WG/3	Lecture	Written exam
Skills (no.)	Potrafi			
1.	Use knowledge from various fields of science to identify and innovatively solve complex issues in the treatment of chronic wounds	P8S-UW/1	classes	Project
2.	Make a critical analysis and evaluation of the results of scientific research on the subject of the treatment of chronic wounds	P8S-UW/2	classes	Project
3.	Communicate on specialist topics and initiate debate.	P8S-UK/1 P8S-UK/3	classes	Supervisor observation, self- assessment
4.	Disseminate the results of scientific activity, also in popular forms	P8S-UK/2	classes	Supervisor observation, self- assessment
5.	Participate in scientific discourse	P8S-UK/4	classes	Supervisor observation, self- assessment
Social competence (no.)	Is ready to			
1.	Recognize the importance of knowledge in solving cognitive and practical problems.	P8S-KK/3	classes	Supervisor observation, group assessment, self- assessment
2.	A critical assessment of achievements within the discipline of health science	P8S-KK/1	classes	Supervisor observation, group assessment, self- assessment
3.	Act for public interest	Р85-КО/2 Т – NUMBER ОЕ Н	OURS	Supervisor observation, group assessment, self- assessment

(no.) I I I I IV and VI 5 10 IV 0 METHODS OF INSTRUCTION Lecture: lecture with multimedia presentation in contact form Classes: analysis of texts with discussion, project method, group work (solving tasks, discussion) - classes conducted using the traditional method COURSE CONTENT Lectures: Selected methods of supporting wound treatment in practice and world literature Lab classes: Preparation of a literature review in the selected scope of controlled therapy negative pressure, thermal imaging, medical maggots, hirudotherapy , the use of Manuka honey, oxygen hyperbaric therapy COURSE ASSESSMENT CRITERIA Assessment criteria:						
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COURSE ASSESSMENT CRITERIA Assessment criteria:						
Assessment criteria:						
Classes:						
1. Tur participation and activity of the student during classes,						
2. discussion during classes						
4. checking knowledge during classes.						
5. analysis of professional literature,						
6. preparation of projects,						
Knowledge Assessment:						
Written test						
r a demonstrates knowledge of each of the content of adjustion at the level of ea06 10006						
4 c - demonstrates knowledge of each of the content of education at the level of 84%-01%						
4.3 demonstrates knowledge of each of the content of education at the level of 5477 9177						
3.5 - demonstrates knowledge of each of the content of education at the level of 68%-75%						
3.0 - demonstrates knowledge of each of the content of education at the level of 60%-67%						
2.0 - demonstrates knowledge of each of the content of education below 60%						
Methods of verification of learning outcomes in the field of skills:						
Skill assessment						
5.0 - PhD student actively participates in classes, is well prepared, knows issues related to						
Immunomodulatory nutrition very well.						
a.5 - File stouent actively participates in classes, knows the issues related to infinitionodulatory						
4.0 - PhD student actively participates in classes, is corrected, knows issues related to						
immunomodulatory nutrition well.						
3.5 - PhD student participates in classes, his/her scope of preparation does not allow for a						
comprehensive presentation of the discussed problem, he/she is sufficiently familiar with issues related						
to immunomodulatory nutrition, he/she is often corrected.						
3.0 - PhD student participates in classes, knows issues related to immunomodulatory nutrition, but						
often makes mistakes.						
2.0 - נחח student passively participates in classes, statements are factually incorrect, does not know						

issues related to immunomodulatory nutrition, is often corrected.

TOTAL PhD STUDENT WORKLOAD REQUIRED TO ACHIEVE THE INTENDED LEARNING OUTCOMES

– NUMBER OF HOURS AND ECTS CREDITS					
Activity		Number of hours			
Scheduled course	contact hours	15			
Other contact hours involving the teacher (consultation hours, examinations)		-			
Non-contact hours – student's own work (preparation for classes or examinations, project, etc.)		-			
Total number of	hours	15			
Total number of	ECTS credits	0			
ΙΝSTRUCTIOΝΑΙ ΜΑΤΕΡΙΑΙ S					
Compulsory Literature:	 Szewczyk MT, Jawień A. Warszawa 2019 Frank Stadler (ed.), A Con Practice, Therapeutic Princ Cambridge, UK: C <u>https://doi.org/10.11647/OB</u> Martin Grassberger (Edito Gileva (Editor): Biotherap Practical Guide to the Diagr Organisms. Springer; Softo edition 	 Szewczyk MT, Jawień A. (red.): Leczenie ran przewlekłych. PZWL. Warszawa 2019 Frank Stadler (ed.), A Complete Guide to Maggot Therapy: Clinical Practice, Therapeutic Principles, Production, Distribution, and Ethics. Cambridge, UK: Open Book Publishers, 2022, <u>https://doi.org/10.11647/OBP.0300</u> Martin Grassberger (Editor), Ronald A. Sherman (Editor), Olga S. Gileva (Editor): Biotherapy - History, Principles and Practice: A Practical Guide to the Diagnosis and Treatment of Disease using Living Organisms. Springer; Softcover reprint of the original 1st ed. 2013 edition 			
COMPLEMENTARY LITERATURE:	 Cai F, Jiang X, Hou X, Wang D, Application of infrared thermograp prospective observational study. J Q Jiang X, Wang Y, Wang Y, Zhou M, H L, Cai F. Application of an infrar pressure injuries: a prospective col 579 Ali Hussain M. Life can't be any eas and disposable VAC machines. Moc Lim X, Zhang L, Hong Q i wsp. pressure wound therapy in diabetic 1010 	 Cai F, Jiang X, Hou X, Wang D, Wang Y, Deng H, Guo H, Wang H, Li X. Application of infrared thermography in the early warning of pressure injury: A prospective observational study. J Clin Nurs. 2021; 30(3-4):559-571. Jiang X, Wang Y, Wang Y, Zhou M, Huang P, Yang Y, Peng F, Wang H, Li X, Zhang L, Cai F. Application of an infrared thermography-based model to detect pressure injuries: a prospective cohort study. Br J Dermatol. 2022;187(4):571-579 Ali Hussain M. Life can't be any easier than this – introduction of the portable and disposable VAC machines. Mod Plast Surg 2012; 02: 24-27. Lim X, Zhang L, Hong Q i wsp. Novel home use of mechanical nega-tive pressure wound therapy in diabetic foot ulcers. J Wound Care 2021; 30: 1006-1010 			

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Date and signature of the Course lecturer

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Approved by the Head of the Department or an authorised person