

DESCRIPTION OF THE COURSE OF STUDY

Course code	0912-7LEK-F-15-Ef	
Name of the course in	Polish	Hemostaza i tromboza
	English	Hemostasis and thrombosis

1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

1.1. Field of study	Medicine
1.2. Mode of study	Full-time
1.3. Level of study	Uniform Master's studies
1.4. Profile of study*	General academic
1.5. Specialization*	lack
1.6. Unit running the course of study	The Faculty of Medicine and Health Sciences;
1.7. Person/s preparing the course description	Anna Polewczyk, Prof. UJK
1.8. Person responsible for the course of study	Anna Polewczyk, Prof UJK
1.9. Contact	apolewczyk@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Affiliation with the module	elective
2.2. Language of instruction	English
2.3. Semesters in which the course of study is offered	4 th semester
2.4. Prerequisites*	Anatomy, physiology, pathophysiology

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	Lecture- 15	
3.2. Place of classes	in didactic rooms of the UJK	
3.3. Form of assessment	Credit with grade	
3.4. Teaching methods	conversation lecture, discussion, case study in natural conditions	
3.5. Bibliography	Required reading	1. Ziad Issa, John M. Miller, Douglas P. Zipes.hemostasis. Thrombosis. A companion to Braunwald's Heart Disease. ISBN: 978-1-4557-1274-8
	Further reading	1. HEMOSTASIS AND THROMBOSIS: BASIC PRINCIPLES AND CLINICAL PRACTICE Robert W. Colman Victor J. Marder Alexander W. WILLIAMS & WILKINS,2005

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED TEACHING OUTCOMES

<p>4.1. Course objectives (lecture)</p> <p>Lectures</p> <p>C1 acquisition of knowledge concerning the arterial thrombosis and embolism</p> <p>C2 acquisition of knowledge concerning the application of the treatment of arrhythmia using ablation</p> <p>C3 acquisition of skills of basic interpretation of electrophysiological examinations</p>
<p>4.2. Detailed syllabus (lecture)</p> <p>Lectures</p> <p>Lecture 1 Pathophysiology of arterial thrombosis and embolism</p> <p>Lecture 2 Vein thrombosis and pulmonary embolism</p> <p>Lecture 3 Pathophysiology, diagnosis and treatment of disseminated intravascular coagulation-</p>

1. Clinical anatomy of the heart and brain vessels
2. Mechanism of the formation of the thrombus in the heart
3. Factors influenced the formation of the thrombus in the arteries and veins
4. Pathophysiology of the disseminated intravascular coagulation

4.3. Education outcomes in the discipline

Code	A student, who passed the course	Relation to teaching outcomes
within the scope of KNOWLEDGE:		
W01	knows basic principles of stimulation and conduction in the nervous system and higher nervous functions, as well as physiology of striated and smooth muscles and functions of blood;	B W24
W02	knows the functions and mechanisms of regulation of all organs and systems of the human body, including the: circulatory, respiratory, digestive, and urinary systems as well as skins and understands the dependence between them;	B W25
within the scope of ABILITIES:		
U01.	performs a simple function tests evaluating the human body as a system stable regulation (stress tests); interprets the figures on the basic physiological variables;	B U8

4.4. Methods of assessment of the intended teaching outcomes

Teaching outcomes (code)	Method of assessment (+/-)																				
	Exam oral/written*			Test*			Project*			Effort in class*			Self-study*			Group work*			Others*		
	<i>Form of classes</i>			<i>Form of classes</i>			<i>Form of classes</i>			<i>Form of classes</i>			<i>Form of classes</i>			<i>Form of classes</i>			<i>Form of classes</i>		
	<i>L</i>	<i>C</i>	<i>...</i>	<i>L</i>	<i>C</i>	<i>...</i>	<i>L</i>	<i>C</i>	<i>...</i>	<i>L</i>	<i>C</i>	<i>...</i>	<i>L</i>	<i>C</i>	<i>...</i>	<i>L</i>	<i>C</i>	<i>...</i>	<i>L</i>	<i>C</i>	<i>...</i>
...W01	+											<i>x</i>									
...	+											<i>x</i>									
...U01															+						
...																					

**delete as appropriate*

4.5. Criteria of assessment of the intended teaching outcomes		
Form of classes	Grade	Criterion of assessment
lecture (L)	3	Learning programme content on the basic level, replies chaotic, leading questions necessary. 61%-68%
	3,5	Learning programme content on the basic level, answers systematized, requires assistance from the teacher. 69%-76%
	4	Learning programme content on the basic level, answers systematized, independent. Solving of problems in typical situations. 77%-84%
	4,5	The scope of presented knowledge exceeds the basic level based on the supplementary literature provided. Solving of problems in new complex situations 85%-92%
	5	The scope of presented knowledge exceeds the basic level based on independently acquired scientific sources of information 93%-100%

- **Thresholds are valid from 2018/ 2019 academic year**

5. BALANCE OF ECTS CREDITS – STUDENT’S WORK INPUT

Category	Student's workload
	Full-time studies
<i>NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/</i>	15
<i>Participation in lectures*</i>	15
<i>Participation in classes, seminars, laboratories*</i>	
<i>Preparation in the exam/ final test*</i>	
<i>Others*</i>	
<i>INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/</i>	10
<i>Preparation for the lecture*</i>	10
<i>Preparation for the classes, seminars, laboratories*</i>	
<i>Preparation for the exam/test*</i>	
<i>Gathering materials for the project/Internet query*</i>	
<i>Preparation of multimedia presentation</i>	
<i>Others*</i>	
<i>TOTAL NUMBER OF HOURS</i>	25
ECTS credits for the course of study	1

Accepted for execution (date and signatures of the teachers running the course in the given academic year)

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