

DESCRIPTION OF THE COURSE OF STUDY

Course code		0912-7LEK-F-25-PUE
Name of the course in	Polish	Patofizjologia układu endokrynnego
	English	Pathophysiology of the Endocrine System

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	dr n med Iwona Pałyga dr hab n med Aldona Kowalska prof UJK
1.8. Person responsible for the course of study	Dr n med Iwona Pałyga
1.9. Contact	

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	6 th semester
2.4. Prerequisites*	

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	Lecture – 15 h	
3.2. Place of classes	Courses in the teaching rooms of the UJK	
3.3. Form of assessment	Lecture	
3.4. Teaching methods		
3.5. Bibliography	Required reading	Medical Physiology Guyton and Hall
	Further reading	1.The diagnosis of Cushing syndrome: An Endocrine Society Clinical Practice Guideline L.K.Nieman B. Biller 2.Diagnosis and treatment of Hyperprlactinemia;An Endocrine Society Clinical Practice Guideline S. Melmet F. Casanueva 3.Primary hyperparathyroidism;Management-UpToDate 4.Incretin hormones in the tretment of type 2 diabetes. Part I: Influence of insulinotropic gut-derived hormones (incretins) on glucose metabolism B. Matuszek 5. Current Perspective on the Pathogenesis of Graves' disease and ophthalmopathy. B Prabhakar. R. Bahn. T. Smith

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED TEACHING OUTCOMES

4.1. Course objectives *(including form of classes)*

- C1.1. Hypercortisolism - diagnostic pitfalls
- C2. Hyperprolactinemia - factors affecting prolactin secretion and laboratory interferences
- C3. The mechanisms of the regulation of calcium-phosphate metabolism
- C4. The mechanisms of incretin regulation of insulin secretion
- C5. The pathomechanisms affecting clinical manifestations of Graves' disease

4.2. Detailed syllabus *(including form of classes)*

- C1. Hypercortisolism - diagnostic pitfalls 3 h lecture dr n med I Pałyga
- C2. Hyperprolactinemia - factors affecting prolactin secretion and laboratory interferences 3 h lecture dr n med I Pałyga
- C3. The mechanisms of the regulation of calcium-phosphate metabolism 3 h lecture dr n med I Pałyga
- C4. The mechanisms of incretin regulation of insulin secretion 3 h lecture dr n med I Pałyga
- C5. The pathomechanisms affecting clinical manifestations of Graves' disease 3 h lecture dr n med I Pałyga

4.3. Education outcomes in the discipline

Code	A student, who passed the course	Relation to teaching outcomes
within the scope of KNOWLEDGE:		
W1	knows the consequences of inadequate nutrition, including long-term starvation, taking too large meals and the use of unbalanced diet;	B.W19.
W2.	knows the consequences of vitamins or minerals deficiency and their excess in the body;	B.W20.
W3.	knows the mechanism of hormones' functioning and the consequences of disorders of hormonal regulation;	B.W26.
W4.	knows the mechanisms of aging;	B.W28.
W5.	knows the relationship between the factors that disrupt the equilibrium of biological processes and physiological and pathophysiological changes;	B.W30.
within the scope of ABILITIES:		
U1.	recognizes the most common human parasites on the basis of their construction, life cycles and symptoms of the disease;	C.U7.

4.4. Methods of assessment of the intended teaching outcomes

Teaching outcomes (code)	Method of assessment (+/-)																				
	Test oral/written*			Colloquium*			Project*			Effort in class*			Self-study*			Group work*			Others* (Attendance)		
	Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes		
	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...
W01	+			+						+			+						+		
W02	+			+						+			+						+		
W03	+			+						+			+						+		
W04	+			+						+			+						+		
W05	+			+						+			+						+		
U01	+			+						+			+						+		

*delete as appropriate

4.5. Criteria of assessment of the intended teaching outcomes

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

- **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>	
TOTAL NUMBER OF HOURS	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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