

## DESCRIPTION OF THE COURSE OF STUDY

<b>Course code</b>	<b>12.6-3LEK-F-Hi</b>	
<b>Name of the course in</b>	Polish	<b>Hipertensjologia</b>
	English	<b>Hypertensiologia</b>

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

<b>1.1. Field of study</b>	medicine
<b>1.2. Mode of study</b>	full-time
<b>1.3. Level of study</b>	uniform Master's study
<b>1.4. Profile of study*</b>	practical
<b>1.5. Specialization*</b>	lack
<b>1.6. Unit running the course of study</b>	I Cardiology Clinic, Kielce Region Cardiology Centre, Faculty of Medicine and Health Sciences, UJK
<b>1.7. Person/s preparing the course description</b>	prof. dr hab. n.med. B. Woźakowska-Kapłon
<b>1.8. Person responsible for the course of study</b>	prof. dr hab. n.med. B. Woźakowska-Kapłon
<b>1.9. Contact</b>	bw.kaplon@poczta.onet.pl

### 2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

<b>2.1. Affiliation with the module</b>	facultative
<b>2.2. Language of instruction</b>	English
<b>2.3. Semesters in which the course of study is offered</b>	6-9 semesters of study
<b>2.4. Prerequisites*</b>	Anatomy, physiology, pathophysiology

### 3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

<b>3.1. Form of classes</b>	Lecture: 15 hours, Classes – 20 hours
<b>3.2. Place of classes</b>	Lecture – in didactic rooms of the UJK Classes - I Cardiology Clinic, Kielce Region Cardiology Centre
<b>3.3. Form of assessment</b>	Lecture - presence, Classes – with grade
<b>3.4. Teaching methods</b>	conversation lecture, discussion, case study in natural conditions
<b>3.5. Bibliography</b>	<b>Required reading</b>
	<b>Further reading</b>

1. CURRENT Diagnosis And Treatment Nephrology And Hypertension, ISBN: 9780071447874
2. Manual of Hypertension, ISBN: 9789352500307
1. ABC of Hypertension, ISBN: 9780470659625
2. Pediatric Hypertension, ISBN: 9781603278232

### 4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED TEACHING OUTCOMES

<p><b>4.1. Course objectives (including form of classes)</b></p> <p>C1 – obtaining knowledge concerning pathogenesis of arterial hypertension  C2 – preparation for diagnostics of arterial hypertension  C3 – shaping skills of individualization of arterial hypertension therapy.</p>
<p><b>4.2. Detailed syllabus (including form of classes)</b></p> <p><b>Lectures:</b></p> <ol style="list-style-type: none"> <li>1) Epidemiology of individualization of arterial hypertension (1hour)</li> <li>2) Pathogenesis of arterial hypertension (2 hours)</li> <li>3) Secondary arterial hypertension – discussion of endocrinological causes (2 hours)</li> <li>4) Secondary arterial hypertension – Discussion of nephrological causes (2 hours).</li> <li>5) Diagnostics of arterial hypertension (2 hours)</li> <li>6) Principles of non-pharmacological treatment of arterial hypertension (2 hours)</li> <li>7) Principles of pharmacotherapy of arterial hypertension. (3hours)</li> <li>8) Surgical treatment of arterial hypertension (1hour)</li> </ol> <p><b>Classes - individualized treatment of arterial hypertension:</b></p> <ol style="list-style-type: none"> <li>1) Patient with arterial hypertension and diabetes (1hour)</li> <li>2) Patient with arterial hypertension and heart failure (1hour)</li> <li>3) Patient with arterial hypertension and glaucoma (1hour)</li> <li>4) Patient with arterial hypertension and prostatic hyperplasia (1hour)</li> <li>5) Patient with arterial hypertension and ischemic heart disease (1hour)</li> </ol>

6) Patient with arterial hypertension who had undergone myocardial infarction (1hour)
7) Patient with arterial hypertension at an old age (1hour)
8) Patient with arterial hypertension who had undergone cerebral stroke (1hour)
9) Patient with arterial hypertension during peri-operative period (1hour)
10) Patient with arterial hypertension and atrial flutter (1hour)
11) Patient with arterial hypertension in pregnancy (1hour)
12) States of emergency in arterial hypertension (1hour)
13) Patient with arterial hypertension and chronic renal disease (1hour)
14) Arterial hypertension in children (1hour)
Summing-up. Credit (1hour)

#### 4.3 Education outcomes in the discipline

Code	A student, who passed the course	Relation to teaching outcomes
within the scope of <b>KNOWLEDGE:</b>		
W01	knows environmental and epidemiological conditions for the most common diseases;	E.W1.
W02	knows and understand the causes, symptoms, principles of diagnosis and therapeutic management in relation to the most frequent internal diseases occurring in adults and their complications: a) cardiovascular diseases, including coronary heart disease, heart defects, endocarditis, myocarditis, pericarditis, heart failure (acute and chronic), arterial and venous diseases, primary and secondary hypertension, pulmonary hypertension;	E.W7.
within the scope of <b>ABILITIES:</b>		
U01	conducts a review of medical history of the adult patient;	E.U1.
U02	conducts full and targeted physical examination of the adult patient	E.U3.
U03	plans diagnostic, therapeutic and preventive procedures;	E.U16.
U04	conducts analysis of the potential side effects of each drug and the interaction between them;	E.U17.
U05	qualifies the patient for home treatment and hospitalization	E.U20.
U06	plans specialist consultations;	E.U32.

#### 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*		
	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																					
U01																					
U02																					
U03																					
U04																					
U05																					
U06																					

\*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%
	3,5	69%-76%
	4	77%-84%
	4,5	85%-92%
	5	93%-100%
classes (C)*	3	61%-68%
	3,5	69%-76%
	4	77%-84%
	4,5	85%-92%
	5	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>	<b>35</b>
<i>Participation in lectures*</i>	<b>15</b>
<i>Participation in classes, seminars, laboratories*</i>	<b>20</b>
<i>Preparation in the exam/ final test*</i>	
<i>Others*</i>	
<i>INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/</i>	<b>15</b>
<i>Preparation for the lecture*</i>	
<i>Preparation for the classes, seminars, laboratories*</i>	<b>10</b>
<i>Preparation for the exam/test*</i>	<b>5</b>
<i>Gathering materials for the project/Internet query*</i>	
<i>Preparation of multimedia presentation</i>	
<i>Others*</i>	
<b>TOTAL NUMBER OF HOURS</b>	<b>50</b>
ECTS credits for the course of study	<b>2</b>

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

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