





TOTAL per year:													
	30												
Educational objectives (max. 6 items)													
C1. practical knowledge of hypertensiology													
C2. making proper decision in diagnosis and therapy													
C3. skills on lab tests interpretation													
C4. physical examination and anamnesis													
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class													
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to	Methods of verification of intended education results (forming and summarising)	Form of didactic class <i>**enter the abbreviation</i>									
W01	E.W.1	understand relation between abnormalities in morphology and organ damage and relation between clinical symptoms and diagnostic and treatment possibilities in hypertension diseases	Summarizing discussion/test	SE									
W02	E.W.2	Describe methods of physical examination, the significance of additional tests in the diagnosis, monitoring, prognosis and prevention of systematic disorders,											
W03	E.W.3	Describe the ethiopathogenesis and symptomatology of hypertensive disorders.											
W04	E.W. 17	Describe the causes and mechanisms of cardio-respiratory arrest, methods of cardiopulmonary resuscitation and the treatment after CPR											
W05	E. W.18	Recognize patients with life-threatening conditions											
U 01	E.U.1	Skills of history taking in adults patient with hypertension	Summarizing discussion/test	SE									
U 02	E.U.12	Skills of differential diagnosis in											



U 03	E.U.16	hypertension in children and adults Skills of plan to conduct diagnosis, therapy and prevention in patient with hypertension		
U 04	E.U.42	Skills of lab test interpretation		
U 05	E.U.32	Plan of specialist consultation		
<p>** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .</p>				
<p>Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes: Knowledge: 5 Skills: 3</p>				
<b>Student's amount of work (balance of ECTS points)</b>				
Student's workload (class participation, activity, preparation, etc.)			Student Workload (h)	
1. Contact hours:			30	
2. Student's own work (self-study):			9	
Total student's workload			39	
ECTS points for module/course			1,5	
Comments				
Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)				
Lectures				
Seminars				
<ol style="list-style-type: none"> <li>1.Diagnosics of secondary hypertension and hyperaldosteronism</li> <li>2.Obesity and hypertension</li> <li>3.Hypertension in children and youth</li> <li>4.Gestational hypertension</li> <li>5.Monogenic form of hypertension</li> <li>6. Hypertensive emergencies</li> </ol>				
Practical classes				
Other				
Basic literature (list according to importance, no more than 3 items)				
<ol style="list-style-type: none"> <li>1. Manual of hypertension of the European Society of Hypertension ed. G Mancia</li> <li>2. ESC/ESH guidelines</li> </ol>				
Additional literature and other materials (no more than 3 items)				
<ol style="list-style-type: none"> <li>1. Harrison's Principles of Internal Medicine: 20th Edition</li> </ol>				
Didactic resources requirements (e.g. laboratory, multimedia projector, other...)				
Multimedia projector, computer				



Preliminary conditions (minimum requirements to be met by the student before starting the module/course) Basic knowledge of hypertensjology	
Conditions to receive credit for the course Full Attendance, activity in classes, Test (15 questions) Each absence must be made up, including rector's days or dean's hours. Each absence must be made up, including rector's days or dean's hours.	
<b>Grade:</b>	Activity in classes much above the average and positive test result
Very Good (5.0)	Activity in classes above the average and positive test result
Good Plus (4.5)	Activity in classes average and positive test result
Good (4.0)	Activity in classes below the average and positive test result
Satisfactory Plus (3.5)	Activity in classes much below the average and positive test result
Satisfactory (3.0)	Activity in classes much above the average and positive test result
<b>Grade:</b>	<b>Criteria for exam (if applicable)</b>
Very Good (5.0)	na
Good Plus (4.5)	na
Good (4.0)	na
Satisfactory Plus (3.5)	na
Satisfactory (3.0)	na

<b>Name of unit teaching course:</b>	Department and Clinic of Internal and Occupational Diseases and Hypertension and Clinical oncology
Address	ul. Borowska 213, 50-556 Wrocław
Phone	tel.: 71 736 40 00, faks: 71 736 40 09
E-mail	<a href="mailto:kcz@usk.wroc.pl">kcz@usk.wroc.pl</a>

<b>Person responsible for course:</b>	Anna Jodkowska, MD, PhD
Phone	71-7364000
E-mail	<a href="mailto:anna.jodkowska@umed.wroc.pl">anna.jodkowska@umed.wroc.pl</a>

<i>List of persons conducting specific classes:</i>	<i>degree/scientific or professional title</i>	<i>Discipline</i>	<i>Performer profession</i>	<i>Form of classes</i>
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Adrian Doroszko	MD, PhD	Internal diseases, cardiology	physician	SE
Anna Jodkowska	MD, PhD	Internal diseases, endocrinology, hypertensiology	physician	SE
Maciej Podgórski	MD	Internal diseases, cardiology	physician	SE
Magdalena Stępniewska	MD	Internal diseases, in training	physician	SE
Damian Gajecki	MD	Internal diseases, in training	physician	SE
Marcin Chuć	MD	Internal diseases, nephrology	physician	SE
Helena Martynowicz	MD, PhD	Internal diseases, hypertensiology	physician	SE
Maciej Jakubowski	MD	Internal diseases, in training	physician	SE
Jakub Gawryś	MD	Internal diseases, in training	physician	SE
Jakub Mochol	MD	Internal diseases, in training	physician	SE

Date of Syllabus development

...28.09.2018.....

Uniwersytet Medyczny we Wrocławiu  
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ZAWODOWYCH NADCIŚNIENIA TĘTNICZEGO  
I ONKOLOGII KLINICZNEJ  
adiunkt dydaktyczny  
.....Anna Jodkowska.....  
drn. med. Anna Jodkowska

Signature of Head of teaching unit

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I ONKOLOGII KLINICZNEJ  
niezawodnik

Prof. dr hab. Grzegorz Mozur

Signature of Faculty Dean

Uniwersytet Medyczny we Wrocławiu  
WYDZIAŁ LEKARSKI  
DZIEKAN  
M. Sobieszcańska

prof. dr hab. Małgorzata Sobieszcańska