



Uniwersytet Medyczny we Wrocławiu
KATEDRA FIZJOLOGII I PATOLOGII
ZAWODOWYCH, NADCIŚNIENIA WEWNĘTRZNYCH,
I ONKOLOGII KLINICZNEJ
ul. Borowska 213, 50-556 Wrocław
tel. 71 736 40 00, faks: 71 736 40 09

| Syllabus 2017/2018 | | | | | | | | | | | | | | |
|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|-----------------------------------|-----------------------|-------------------------|--------------------------------------|--------------------------------------|--------------------------------------------|-------------------------------|-------------------------------------|--------------------------|---------------------------------|-----------------|
| Description of the course | | | | | | | | | | | | | | |
| Module/Course | Workshop on hypertensiology | | | | | | | | | | Group of detailed education results | | | |
| | | | | | | | | | | | Group code | Group name | | |
| | | | | | | | | | | | E | non-surgical sciences | | |
| Faculty | Medicine | | | | | | | | | | | | | |
| Major | medicine | | | | | | | | | | | | | |
| Specialties | Not applicable | | | | | | | | | | | | | |
| Level of studies | Uniform magister studies X * 1 st degree studies $\frac{1}{2\pi}$ 2 nd degree studies $\frac{1}{2\pi}$ 3 rd degree studies $\frac{1}{2\pi}$ postgraduate studies $\frac{1}{2\pi}$ | | | | | | | | | | | | | |
| Form of studies | X full-time X part-time | | | | | | | | | | | | | |
| Year of studies | V | | Semester | | X Winter | | X Summer | | | | | | | |
| Type of course | $\frac{1}{2\pi}$ obligatory $\frac{1}{2\pi}$ limited choice X free choice / elective | | | | | | | | | | | | | |
| Course | X major $\frac{1}{2\pi}$ basic | | | | | | | | | | | | | |
| Language of instruction | $\frac{1}{2\pi}$ Polish X English $\frac{1}{2\pi}$ other | | | | | | | | | | | | | |
| * mark $\frac{1}{2\pi}$ with an X | | | | | | | | | | | | | | |
| Number of hours | | | | | | | | | | | | | | |
| Form of education | | | | | | | | | | | | | | |
| Unit teaching the course | Lectures (L) | Seminars (SE) | Auditorium classes (AC) | Major Classes – not clinical (MC) | Clinical Classes (CC) | Laboratory Classes (LC) | (CSC)Classes in Simulated Conditions | Practical Classes with Patient (PCP) | (SCM)Specialist Classes – magister studies | Foreign language Course (FLC) | Physical Education obligatory (PE) | Vocational Practice (VP) | Self-Study (Student's own work) | E-learning (EL) |
| Winter Semester | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Department and Clinic of Internal , Occupational Diseases Hypertension and Clinical Oncology | | 30 | | | | | | | | | | | | |
| Summer Semester | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Department and Clinic of Internal , Occupational Diseases Hypertension and Clinical Oncology | | 30 | | | | | | | | | | | | |
| TOTAL per year: | | | | | | | | | | | | | | |



| | 60 | | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| Educational objectives (max. 6 items) | | | | | | | | | | | | | |
| C1. possession of practical knowledge of hypertensiology | | | | | | | | | | | | | |
| C2. preparation to making proper decision in diagnosis and therapy | | | | | | | | | | | | | |
| C3. possession of skill on lab tests interpretation | | | | | | | | | | | | | |
| C4. advancement of 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> | | | | | | | | | |
| K 01 | 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 | Oral exam/ discussion | SE | | | | | | | | | |
| K02 | E.W.2 | Describe methods of physical examination, the significance of additional tests in the diagnosis, monitoring, prognosis and prevention of systematic disorders, | | | | | | | | | | | |
| K03 | E.W.3 | Describe the etiopathogenesis and symptomatology of hypertensive disorders. | | | | | | | | | | | |
| K04 | E.W. 17 | Describe the causes and mechanisms of cardio-respiratory arrest, methods of cardiopulmonary resuscitation and the treatment after CPR | | | | | | | | | | | |
| K05 | E. W.18 | Recognize patients with life-threatening conditions | | | | | | | | | | | |
| S 01 | E.U.1 | Skills of history taking in adults patient with hypertension | Oral exam/ discussion | SE | | | | | | | | | |
| S02 | E.U.12 | Skills of differential diagnosis in hypertension in children and adults | | | | | | | | | | | |
| S03 | E.U.16 | Skills of plan to conduct diagnosis, therapy and prevention in patient with hypertension | | | | | | | | | | | |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------|----------------------|--|
| S04 | E.U.42 | Skills of lab test interpretation | | |
| S05 | 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: ...2.</p> | | | | |
| Student's amount of work (balance of ECTS points) | | | | |
| 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 N/A | | | | |
| Seminars 1. Diagnostics of secondary hypertension and hyperaldosteronism 2. Obesity and hypertension 3. Hypertension in children and youth 4. Gestational hypertension 5. Monogenic form of hypertension 6. Hypertensive emergencies | | | | |
| Practical classes N/A | | | | |
| Other N/A | | | | |
| Basic literature (list according to importance, no more than 3 items) 1. Manual of hypertension of the European Society of Hypertension ed. G Mancia 2. ESC/ESH Guidelines | | | | |
| Additional literature and other materials (no more than 3 items) 1. Harrison's Principles of Internal Medicine: 19th Edition – 2015 | | | | |
| 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 (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades) attendance/oral exam | | | | |



| Grade: | Criteria (only for courses/modules ending with an examination) |
|----------------------------|-----------------------------------------------------------------------|
| Very Good (5.0) | |
| Good Plus (4.5) | |
| Good (4.0) | |
| Satisfactory Plus (3.5) | |
| Satisfactory (3.0) | |

Name and address of module/course teaching unit, contact: telephone and e-mail address

Department of Internal Medicine, Occupational Diseases , Hypertension and Clinical Oncology
50-556 Borowska 213 Wrocław, 71- 7364000 Email: kcz@usk.wroc.pl

Coordinator / Person responsible for module/course, contact: telephone and e-mail address

dr n. med. Anna Jodkowska tel 71- 7364052 Email: anna.jodkowska@umed.wroc.pl

List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes.

lek. Diana Frontkiewicz, MD, seminar

lek. Maciej Podgórski, MD, internal diseases, cardiology, seminar

lek Katarzyna Kożuch-Sajdak, MD, seminar

lek. Maciej Jakubowski, MD, seminar ...

Date of Syllabus development

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Signature of Faculty Dean

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Wrocław Medical University
FACULTY OF MEDICINE
VICE-DEAN FOR STUDIES IN ENGLISH
Prof. Andrzej Hendrich, PhD

Uniwersytet Medyczny we Wrocławiu
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adiunkci dydaktyczni

dr n. med. Anna Jodkowska

Signature of Head of teaching unit

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Kierownik

Prof. dr hab. Grzegorz Mazur