

SYLLABUS of the MODULE (SUBJECT)

General Information

Module title: Internal Diseases - Hypertesiology	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medicine
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	Year IV, block system
ECTS credits (incl. semester breakdown)	0,5
Type/s of training	lectures (12h) /seminars (32h)/ practical/ (wybrać)
Form of assessment[*]	<input checked="" type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input checked="" type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input type="checkbox"/> final examination <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department/ Clinic, Unit	<i>Professor of Medical Sc. Krystyna Widecka</i> khchw@pum.edu.pl
Tutor responsible for the module	<i>Professor of Medical Sc. Tomasz Miazgowski</i> (khchw@pum.edu.pl)
Department's/ Clinic's/ Unit's website	<i>Department of Propedeutics of Internal Medicine and Arterial Hypertension,</i> khchw@pum.edu.pl
Language	English

Detailed information

Module objectives			
Prerequisite /essential requirements	Knowledge	knows the principles of diagnosis, the classification of hypertension, knows the basic principles of therapeutic management in hypertension, lists the principles of preventive action in the case of cardiovascular diseases	
	Skills	Properly conducts physical examination, interprets the result of the examination	
	Competences	applies self-learning methods, adheres to the principles of professional ethics, promotes health and physical activity.	
Description of the learning outcomes for the subject /module			
No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	<p>and recognizes causes, symptoms, diagnoses and therapeutic procedures with regard to the most frequent internal diseases in adults and related complications:</p> <p>circulatory system diseases incl.: ischemic heart disease, organic heart diseases, endocardium, myocardium and pericardium diseases, heart failure (acute and chronic), angiopathy, primary and secondary hypertension and pulmonary hypertension</p>	K_E.W7	SP
W02	<p>and recognizes causes, symptoms, diagnoses and therapeutic procedures with regard to the most frequent internal diseases in adults and related complications:</p> <p>endocrine system diseases, incl.: disorders of hypothalamus, hypophysis, thyroid, parathyroid, adrenal cortex, adrenal medulla, ovariothy, orchiothy, neuroendocrine tumour disease, endocrine polyglandular syndrome, different types of diabetes and metabolic syndrome, hypoglycemia, obesity and dyslipidemia</p>	K_E.W7	SP
U01	<p>takes history interview of adult patient</p> <p>carries out complete and guided physical examination of adult patient</p>	<p>K_E.U1</p> <p>K_E.U3</p>	S
U02	plans diagnostics, therapeutic and preventive procedures	K_U16	SP

	analyzes possible adverse effects of certain drugs and interactions between them	K_U17 K_U18	
	suggests individualization of applicable therapeutic guidelines and other treatment methods because of ineffectiveness or contra-indications with regard to standard treatment		
K01	accepts the need for standards of conduct	K_K01	S
K02	adheres to proper examiner/examinee relationship while performing functional tests and observations	K_K05	S

Table presenting LEARNING OUTCOMES in relation to the form of classes

No. of learning outcome	Learning outcomes	Type of training					
		Lecture	Seminar	Practical classes	Clinical classes	Simulations	E-learning
W 01	7		x		x		
W02	K_E.W7		x		x		
U01	K_E.U1; K_E.U3				x		
U02	K_E.U16; K_E.U17; K_E.U18;				x		
K01	K_K01		x		x		
K02	K_K05		x		x		

Table presenting TEACHING PROGRAMME

No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
Winter semester and Summer semester (block system)			
Seminars			
TK01	Primary hypertension	1	K_E.W7, K_K01 K_E.U1; K_E.U3 K_E.U16; K_E.U17; K_E.U18;
TK02	Secondary hypertension	1	K_E.W7, K_K01 K_E.U1; K_E.U3 K_E.U16; K_E.U17; K_E.U18
Practical classes			
TK01	How to treat primary hypertension ? Conditions of success and failures. Management of hypertension-theory and practice (clinical cases demonstration) Specific situations -how to deal with:	3	K_E.W7, K_K01 K_E.U1; K_E.U3 K_E.U16; K_E.U17; K_E.U18

	1. Pregnant woman with hypertension 2. Patients with hypertension prepared for surgery 3. The hypertension urgent and sudden situations			
TK02	Primary or secondary hypertension-diagnostic dilemmas 2. Secondary Hypertension (clinical cases demonstration)	3	K_E.W7, K_K01 K_E.U1; K_E.U3 K_E.U16; K_E.U17; K_E.U18	

Booklist

Obligatory literature:

ESH Guidelines for the management of arterial hypertension The Task Force for the management of arterial hypertension of the European Society of Hypertension Endorsed by the European Renal Association (ERA) and the International Society of Hypertension (ISH). J Hypertens 2023 (in press)

2018 European Society of Cardiology/European Society of Hypertension Guidelines. J Hypertens 2018;36(10):1953–2041

Supplementary literature:

2020 International Society of Hypertension Global Hypertension Practice Guidelines. Hypertension 2020;75(6):1334–57

Guideline for the pharmacological treatment of hypertension in adults. Geneva: World Health Organization; 2021

Student's workload

Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	8
Time spent on preparation to seminars/ practical classes	5
Time spent on reading recommended literature	5
Time spent on writing report/making project	
Time spent on preparing to colloquium/ entry test	5
Time spent on preparing to exam	5
Other	
Student's workload in total	28
ECTS credits for the subject (in total)	0,5

Remarks

* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZĆ – practical classes report, incl. discussion on results

O – student's active participation and attitude assessment

SL – lab report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedial presentation