

Course description

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail: Department of Internal Medicine and Metabolic Diseases 40-653Katowice, ul. Ziołowa 45-47 jdulawa@sum.edu.pl , metabol@gcm.pl		
13. Name of the course coordinator: Prof. dr hab. n. med. Jan Duława		
14. Prerequisites for knowledge, skills and other competencies: The student is able to conduct a medical interview with an adult patient. The student is able to conduct a full and targeted physical examination of an adult patient.		
15. Number of students in groups	In accordance with the Senate Resolution	
16. Study materials	https://kdigo.org/wp-content/uploads/2016/10/KDIGO-2012-AKI-Guideline-English.pdf https://care.diabetesjournals.org/content/43/Supplement_1/S14 https://www.escardio.org/Guidelines/Clinical-Practice-Guidelines/Arterial-Hypertension-Management-of https://academic.oup.com/eurheartj/article/41/2/255/5556890#191172409 https://academic.oup.com/eurheartj/article/41/2/255/5556890#191172409	
17. Location of classes		
18. Location and time for contact hours	Consultation hours of individual assistants are available at the secretary's office	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
P_W01 / C_K01	The student knows and understands the causes, symptoms, principles of diagnosis and therapeutic procedure in relation to primary and secondary hypertension	E.W7.1
P_W02 / C_K02	The student knows and understands the causes, symptoms, principles of diagnosis and therapeutic procedure for different types diabetes and metabolic syndrome - hypoglycemia, obesity, dyslipidemia.	E.W7.4
P_W03/C_K03	The student knows and understands the causes, symptoms, principles of diagnosis and therapeutic procedure with respect to kidney diseases, including acute and chronic failure kidney.	E.W7.5

P_U01 / C_S01	Student can plan diagnostic, therapeutic and prophylactic treatment in hypertension, diabetes, lipid disorders and metabolic disorders in kidney diseases	E.U16.
P_U02 / C_S02	Student can analyze the possible side effects of individual drugs and interaction between them in hypertension, diabetes, lipid disorders and metabolic disorders in kidney diseases	E.U17.
P_U03 / C_S03	Student can suggest individualization of existing therapeutic guidelines and others methods of treatment against ineffectiveness or contraindications to therapy standard in hypertension, diabetes, lipid disorders and metabolic disorders in kidney diseases	E.U18.
P_U04 / C_S04	Student can recognize drug dependence symptoms and suggest treatment in hypertension, diabetes, lipid disorders and metabolic disorders in kidney diseases	E.U19.
P_U05 / C_S05	Student can qualify the patient for home and hospital treatment in hypertension, diabetes, lipid disorders and metabolic disorders in kidney diseases	E.U20.
P_U06 / C_S06	The student can recognize states in which the life span, functional state or patient preferences limit compliance with specific guidelines for a given disease in hypertension, diabetes, lipid disorders and metabolic disorders in kidney diseases	E.U21.
P_U07 / C_S07	Student can interpret the results of laboratory tests and identify the reasons for deviations from standards in hypertension, diabetes, lipid disorders and metabolic disorders in kidney diseases	E.U24.
P_U08 / C_S08	Student is able to perform simple strip tests and blood glucose measurement	E.U29.9
P_U09 / C_S09	The student is able to interpret the pharmaceutical characteristics of medicinal products and critically evaluate advertising material for medicines	E.U31
P_U10 / C_S10	The student is able to plan specialist consultations in hypertension, diabetes, lipid disorders and metabolic disorders in kidney diseases	E.U32
P_U11 / C_S11	Student is able to keep patient's medical records.	E.U38.
20. Forms and topics of classes		Number of hours
21.1. Lectures		10
Lipids management		2
Secondary hypertension		2
Metabolic disorders in patients with chronic kidney failure		2
Obesity		2
Renal involvement in autoimmune connective tissue diseases		2
23.3. Labs		20
Acute Kidney Injury – KDIGO Guidelines		4
Classification and Diagnosis of Diabetes: <i>Standards ADA of Medical Care in Diabetes</i>		4
ESC/ESH Clinical Practice Guidelines for the Management of Arterial Hypertension - Definition, classification, and epidemiological aspects of hypertension - Blood pressure measurement - Clinical evaluation and assessment of hypertension-mediated organ damage in patients with hypertension		4
2019 ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in		4

collaboration with the EASD: The Task Force for diabetes, pre-diabetes, and cardiovascular diseases of the European Society of Cardiology (ESC) and the European Association for the Study of Diabetes (EASD) - Stratification of cardiovascular risk in individuals with diabetes - Prevention of cardiovascular disease in patients with diabetes and pre-diabetes	
2019 ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD: The Task Force for diabetes, pre-diabetes, and cardiovascular diseases of the European Society of Cardiology (ESC) and the European Association for the Study of Diabetes (EASD) - Chronic kidney disease in diabetes	4
24. Readings	
https://kdigo.org/wp-content/uploads/2016/10/KDIGO-2012-AKI-Guideline-English.pdf https://care.diabetesjournals.org/content/43/Supplement_1/S14 https://www.escardio.org/Guidelines/Clinical-Practice-Guidelines/Arterial-Hypertension-Management-of https://academic.oup.com/eurheartj/article/41/2/255/5556890#191172409 https://academic.oup.com/eurheartj/article/41/2/255/5556890#191172409	
25. Detail evaluation criteria	
In accordance with the recommendations of the inspection bodies Completion of the course – student has achieved the assumed learning outcomes Detail criteria for completion and evaluation of the course are specified in the course regulations	