

Course description

Part 1

General information about the course		
1. Major of study: medicine	2. Study level: unified MSc 3. Form of study: intramural	
4. Year: VI	5. Semester: XII	
6. Course name: Internal Medicine Electives		
7. Course status: required		
8. Course contents nad assigned learning outcomes		
Learning outcomes / reference to learning outcomes indicated in the standards For knowledge – student knows and understands: E.W7., E.W39, E.W.40, E.W41 For skills student can do: E.U1, E.U12, E.U16, E.U24 For social competencies student is ready to		
9. Number of hours for the course		110
10. Number of ECTS points for the course <i>*for the whole block of internal medicine elective</i>		5
11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Grade credit – oral evaluation	5/5 correct answers – grade A 4/5 correct answers – grade B 3/5 correct answers – grade C (2 or 3)/5 correct answers – grade D
Skills	Observation Practical exam	5/5 correct procedures – grade A 4/5 correct procedures – grade B 3/5 correct procedures – grade C (2 or 3)/5 correct procedures – grade D
Competencies	Observation	*

* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved

Course description

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail: Department of Nephrology, Transplantation and Internal Medicine, Francuska 20-24, 40-027 Katowice, nefros@spskm.katowice.pl		
13. Name of the course coordinator: Damian Gojowy MD.		
14. Prerequisites for knowledge, skills and other competencies: 1. Knowledge of basic clinical symptoms of kidney diseases, electrolyte imbalances, acid-base homeostasis disorders, hypertension 2. Knowledge of the diagnostic methods in kidney diseases and hypertension (including urinalysis, 24-hour urine collection, hormonal dynamic tests) 3. Knowledge of the indications for performance and interpretation of laboratory tests in various kidney diseases and hypertension (urinalysis, albuminuria, 24-hour urine collection, urine protein electrophoresis, urine microscopic examination, biochemical tests of blood: assessing renal function, serum electrolytes) 4. Knowledge of differential diagnosis in kidney diseases and hypertension		
15. Number of students in groups	In accordance with the Senate Resolution	
16. Study materials	multimedia presentation, medical documentation, imaging test results student need: apron, stethoscope, medical shoes	
17. Location of classes	Department of Nephrology, Transplantation and Internal Medicine, Francuska 20-24, 40-027 Katowice	
18. Location and time for contact hours	Department of Nephrology, Transplantation and Internal Medicine, Francuska 20-24, 40-027 Katowice, time: 9am-2pm.	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
P_W01 / C_K01	Student knows basic clinical symptoms of kidney diseases, electrolyte imbalances, acid-base homeostasis disorders, common endocrine diseases, diabetes	E.W7. (1,4,5,9),
P_W02 / C_K02	Students knows the diagnostic methods in kidney diseases and hypertension (including urinalysis, 24-hour urine collection, hormonal dynamic tests)	E.W39, E.W40,
P_W03 / C_K03	Student knows the indications for performance and interpretation of laboratory tests in various kidney diseases and hypertension	E.W7., E.W39, E.W.40, E.W41
P_W04 / C_K04	Student knows the indications for renal replacement therapy	E.W7 (5)
P_U01 / C_S01	Student can take case history in advanced level in patients with	E.U1

	kidney diseases, electrolyte imbalances, acid-base homeostasis disorders and hypertension	
P_U02 / C_S02	Student can plan lab test and investigations	E.U16
P_U03 / C_S03	Student can interpretate results of laboratory tests	E.U24
P_U04 / C_S04	Student can perform diferential diagnosis in kidney diseases and hypertension	E.U12
20. Forms and topics of classes		Number of hours
23.3. Labs		
Essential hypertension		6
Secondary hypertension		6
Kidney lithiasis		6
Renal interstitial diseases		6
Nephrotic and nephritic syndrome		6
Glomerulonephritis – primary and secondary		6
Acute kidney injury		6
Chronic kidney disease		6
Dialysis therapy		6
Kidney transplantation		6
24. Readings		
Oxford Handbook of Nephrology and Hypertension, Simon Steddon, Second edition 2014, Oxford, New York		
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		