

SYLLABUS

Subject: **Internal Medicine 5**

Study Year: **5th year**

Study Programme: **General Medicine**

Term: **Summer term**

Academic Year: **2025/2026**

LECTURES: The lectures must be recorded by 09.02.2026 at the latest to allow the students to see the subject's lecture before the start of its teaching MS teams or Portal UPJŠ LF

Lectures	Week	Plan of practices in Internal Medicine 5
Investigation methods in rheumatology. Rheumatoid arthritis. <i>prof. MUDr. Ž. Macejová, PhD., MPH</i>		- Investigation methods in rheumatology - Rheumatoid arthritis
Ankylosing spondylarthritis, reactive arthritis. Vasculitis <i>prof. MUDr. Ž. Macejová, PhD., MPH</i>		- Spondylarthropathies: ankylosing spondylitis, psoriatic arthritis, reactive arthritis, enteropathic arthritis - Metabolic (crystal) induced arthropathies, gout, septic arthritis
Systemic connective tissue diseases (SLE, systemic sclerosis, dermatomyositis, polymyositis, mixed connective tissue diseases) <i>prof. MUDr. Ž. Macejová, PhD., MPH</i>	1.	- Connective tissue diseases: - Vasculitis - Osteoporosis and osteomalacia
Immunity, autoimmunity. Imunodeficiency – hereditary and acquired. Allergy. <i>doc. MUDr. M. Kozárová, PhD., MPH</i>		Demonstration of patients with basic rheumatic diseases, their treatment, dif. dg., biological treatment, principles, complications Evaluation of knowledge in the form of a test
Metabolic bone diseases. Osteoporosis and osteomalacia <i>prof. MUDr. I. Lazúrová, FRCP, DrSc.</i>		
Investigation methods in nephrology <i>MUDr. J. Rosenberger, PhD.</i>	2.	- Investigation methods in nephrology - Nephrotic syndrome

Acute and chronic renal failure. Dialysis, kidney transplantation <i>MUDr. J. Rosenberger, PhD.</i>	- Tubulointerstitial nephritis - Nephrolithiasis - Acute kidney injury - Chronic kidney disease - Elimination therapy, demonstration of hemodialysis - Demonstration of patients with the most frequent electrolyte disturbances
Nephrotic syndrome. Differential diagnosis of proteinuria <i>MUDr. J. Rosenberger, PhD.</i>	
Acute and chronic glomerulonephritis <i>MUDr. J. Rosenberger, PhD.</i>	
Tubulointerstitial nephropathy. Nephrolithiasis <i>MUDr. J. Rosenberger, PhD.</i>	- Demonstration of patients with primary and secondary kidney diseases, abdominal ultrasound, familiarization with the principles of elimination therapy. Demonstration of patients on haemodialysis or peritoneal dialysis
Fluid and electrolyte disorders <i>prof. MUDr. I. Lazúrová, FRCP, DrSc.</i>	
Atherosclerosis – risk factors, clinical manifestations, prevention and treatment <i>MUDr. M. Javorský, PhD.</i>	- Specifics of diseases in the elderly, demonstration of patients with the most common diseases in gerontological patients
Malnutrition – diagnosis and treatment <i>doc. MUDr. L. Gombošová, PhD.</i>	- Cardiovascular diseases in gerontological patients - Obesity, cachexia, main causes, possibility of the treatment - Sleep apnea syndrome diagnosis, possibility of the treatment
Sleep apnea syndrome <i>doc. MUDr. P. Joppa, PhD.</i>	Evaluation of knowledge in the form of a test

doc. MUDr. I. Dravecká, PhD.
internal medicine teaching coordinator
for general medicine

Requirements for completion :

1. For successful completion of the practical exercises/seminars is required:

- To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars.
- To get at least 60 % of total score for ongoing review of written test or the theoretical training to practical exercises.
- Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13

2. For successful obtained of the credits from subject is necessary:

- To gain the credit from practical exercises (paragraph 1 above).
- The final exam is written in the form of the Rogo test
- It is necessary to bring student´s book to the exam with evidence of practical exercises.
- The final classification includes the evaluation of the written test and the results obtained in practical exercises
-

The compulsory and recommended literature:

The author	Title	year
Kumar and Clark:	Clinical Medicine 10th Edition, ELSEVIER	2020
Kasper D, Fauci A.:	Harrison s principles of Internal medicine, 20 ed	2017
Macejová Ž., Aljubouri A.:	Selected rheumatology topics for medical students, Academic text book	2019

doc. MUDr. I. Dravecká, PhD.
internal medicine teaching coordinator
for general medicine