

Pavol Jozef Šafárik University in Košice, the Faculty of Medicine  
**I. Department of Internal Medicine**

**SYLLABUS**

**Subject:** Internal Medicine 5  
**Study Year:** 5<sup>th</sup> year  
**Study Programme:** General Medicine  
**Term:** Summer term  
**Academic Year:** 2024/2025

**LECTURES: The lectures must be recorded by 10.02.2025 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**

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

<p>Acute and chronic renal failure. Dialysis, kidney transplantation</p> <p><i>doc. MUDr. I. Valočíková, PhD.</i></p>		<ul style="list-style-type: none"> <li>- Tubulointerstitial nephritis</li> <li>- Nephrolithiasis</li> <li>- Acute kidney injury</li> </ul>
<p>Nephrotic syndrome. Differential diagnosis of proteinuria</p> <p><i>doc. MUDr. I. Valočíková, PhD.</i></p>		<ul style="list-style-type: none"> <li>- Chronic kidney disease</li> <li>- Elimination therapy, demonstration of hemodialysis</li> </ul>
<p>Acute and chronic glomerulonephritis</p> <p><i>doc. MUDr. I. Valočíková, PhD.</i></p>		<ul style="list-style-type: none"> <li>- Demonstration of patients with the most frequent electrolyte disturbances</li> </ul>
<p>Tubulointerstitial nephropathy. Nephrolithiasis</p> <p><i>doc. MUDr. I. Valočíková, PhD</i></p>		<ul style="list-style-type: none"> <li>- Demonstration of patients with primary and secondary kidney diseases, abdominal ultrasound, familiarization with the principles of elimination therapy.</li> <li>- Demonstration of patients on haemodialysis or peritoneal dialysis</li> </ul>
<p>Fluid and electrolyte disorders</p> <p><i>prof. MUDr. I. Lazúrová, FRCP, DrSc.</i></p>		
<p>Atherosclerosis – risk factors, clinical manifestations, prevention and treatment</p> <p><i>MUDr. M. Javorský, PhD.</i></p>		<ul style="list-style-type: none"> <li>- Specifics of diseases in the elderly, demonstration of patients with the most common diseases in gerontological patients</li> </ul>
<p>Eating disorders – obesity and cachexia</p> <p><i>prof. MUDr. I. Lazúrová, FRCP, DrSc.</i></p>		<ul style="list-style-type: none"> <li>- Cardiovascular diseases in gerontological patients</li> <li>- Obesity, cachexia, main causes, possibility of the treatment</li> <li>- Sleep apnea syndrome diagnosis, possibility of the treatment</li> </ul>

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Sleep apnea syndrome <i>doc. MUDr. P. Joppa, PhD.</i>		<b>Evaluation of knowledge in the form of a test</b>
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**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

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- 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
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**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

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