

**I. Department of Internal Medicine**

**SYLLABUS**

**Subject:** Internal Medicine 1

**Study Year:** 3<sup>rd</sup> year

**Study Programme:** General Medicine

**Term:** Summer term

**Academic Year:** 2024/2025

<i>Date</i>	<b>Lectures</b> <i>Monday 12:00 – 13:30 P 1 EW</i> <i>Wednesday 10:15 – 11:45 P 3</i>	<i>Week</i>	<i>Plan of practices in Internal Medicine 1</i>
<b>12.02.2025</b>	Coronary heart disease- diagnosis and treatment <i>doc. MUDr. J.Gonsorčík, CSc.</i>	<b>1.</b>	Examination of patients with coronary heart disease - definition, clinical features, treatment. ECG, bicycle stress testing, angiography
<b>17.02.2025</b>	Myocardial infarction – clinical features, diagnosis and treatment <i>prof. MUDr. G. Valočik, PhD.</i>	<b>2.</b>	Demonstration of patients with myocardial infarction - clinical, biochemical, ecg and echo diagnosis. Treatment options, complications. Secondary prevention
<b>19.02.2025</b>	Angiology. Peripheral vascular diseases <i>doc. MUDr. Eva Szaboóová, PhD.</i>		Patients with peripheral vascular disease. Principles of doppler investigation, main principles of the angiography. Raynaud ´s phenomen, trompbophlebitis – diff. diagnosis
<b>26.02.2025</b>	Heart failure – clinical symptoms and treatment <i>prof. MUDr. P. Mitro, PhD.</i>	<b>3.</b>	Examanitaion of patients with heart failure – etiology, history, clinical features, classification, treatment, side effects of the treatment
<b>03.03.2025</b>	Arterial hypertension <i>doc. MUDr. Z. Schroner, PhD.</i>	<b>4.</b>	Endocarditis, myocarditis and pericarditis – diff. diagnosis and treatment, demonstration of patients within limits
<b>05.03.2025</b>	Endocarditis, myocarditis and pericarditis – differential diagnosis and treatment <i>prof. MUDr. D. Pella, PhD.</i>		
<b>12.03.2025</b>	Heart rhythm disorders I. <i>prof. MUDr. D. Pella, PhD</i>	<b>5.</b>	Patients with heart rhythm disorders - causes, ecg demonstration, treatment. Chronic and profylactic antiarrhythmic treatment. Side effects of the antiarrhythmics
<b>17.03.2025</b>	Heart rhythm disorders II <i>prof. MUDr. J Pella, PhD</i>	<b>6.</b>	Examination of patients with cor pulmonale. Causes, clinical symptoms, diagnosis (ecg, blood gases, echocardiography, angiography, CT) and treatment of the acute and chronic cor pulmonale
<b>19.03.2025</b>	Acute and chronic pulmonary heart disease. Thromboembolic disease <i>prof. MUDr. G. Valočik, PhD</i>		

<b>26.03.2025</b>	Syncope and shock <i>prof. MUDr. P. Mitro, PhD.</i>	<b>7.</b>	Shock in internal medicine, causes, diff. diagnosis. Causes of sudden loss of consciousness in internal medicine
<b>31.03.2025</b>	Echocardiography <i>prof. MUDr. G. Valočik, PhD.</i>	<b>8.</b>	Examination of the patients with arterial hypertension – clinical symptoms, ecg, treatment strategy.
<b>02.04.2025</b>	Secondary hypertension – differential diagnosis <i>prof. MUDr. I. Lazúrová, FRCP, DrSc.</i>		Secondary hypertension – etiology and classification. Diagnostic modality and treatment
<b>09.04.2025</b>	Cardiomyopathy <i>doc. MUDr. B. Stančák, CSc.</i>	<b>9.</b>	Cardiomyopathy - clinical manifestations, diagnosis and treatment
<b>14.04.2025</b>	Diseases of the aorta <i>doc. MUDr. Rašiová, PhD.</i>	<b>10.</b>	Diseases of the aorta (aneurysm, aneurysm dissection, aortic arch syndrome, aortitis)
<b>16.04.2025</b>	Investigation methods in pneumology. Inflammatory lung diseases. <i>doc. MUDr. P. Joppa, PhD.</i>		
<b>23.04.2025</b>	Chronic obstructive pulmonary disease. Chronic respiratory insufficiency <i>doc. MUDr. P. Pobeha, PhD.</i>	<b>11.</b>	Inflammatory lung diseases, chronic obstructive pulmonary disease, chronic respiratory insufficiency - diagnosis, treatment. Examination of patients
<b>28.04.2025</b>	Tuberculosis – epidemiology, prevention and treatment <i>doc. MUDr. P. Joppa, PhD.</i>	<b>12.</b>	Tuberculosis – clinical symptoms, analysis of patients, diagnostic possibilities, prevention and treatment
<b>30.04.2025</b>	Bronchogenic carcinoma, other lung tumours <i>doc. MUDr. P. Pobeha, PhD</i>		Demonstration of patients with lung tumors (primary, MTS) – clinical symptoms, diagnosis, treatment
<b>07.05.2025</b>	Bronchial asthma – diagnosis and treatment <i>doc. MUDr. P. Pobeha, PhD.</i>	<b>13.</b>	Bronchial asthma, diagnosis and treatment - diff dg chronic obstructive pulmonary disease
<b>12.05.2025</b>	Interstitial lung diseases <i>doc. MUDr. P. Joppa, PhD.</i>	<b>14.</b>	Auscultation finding in heart failure and inflammatory lung disease - diff dg. Interstitial lung diseases  <b>Test</b>

**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 and the theoretical training to practical exercises.
- Two absences are allowed /justified/

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

- To gain the credit from practical exercises (paragraph 1 above).
- Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13
- The final classification includes the evaluation of the written test and the results obtained in practical exercises
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Education can alternatively by conducted **in a distant mode**. The teachers will communicate with students by email, skype or other teleconference applications.

1. The presence of the students at individual practices will be recorded by their teachers.
2. Teachers will assign the tasks to students in the form of essays and solving case reports.
3. Knowledge assessment will be carried out by a distance test.
4. Completion of the course will be evaluated on the basis of the records of presence, written assignments and test results.

## **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

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