

Subject: **Internal Medicine 2**

Study Year: 4th year

Study Programme: General Medicine

Term: Winter term

Academic Year: **2026/2027**

Date	Lectures - Thursday 15.15-16.45 P 3	Week	Plan of practices in Internal Medicine 2
17.09.2026	Investigation methods in endocrinology <i>prof. MUDr. I. Lazúrová, FRCP, DrSc.</i>	1.	Investigation methods in endocrinology Inspection in endocrinopathies
24.09.2026	Hypothalamus – pituitary axis and its disorders Male and female reproductive endocrinology <i>prof. MUDr. I. Lazúrová, FRCP, DrSc.</i>	2.	Acromegaly, hypopituitarism in adult - causes, clinical symptoms and treatment
01.10.2026	Thyroid gland disorders <i>Doc. MUDr. Z. Lazúrová, PhD.</i>	3.	Hyperthyreosis, hypothyreosis - clinical symptoms and treatment. Thyroid crisis, myxoedema coma – causes, clinical symptoms and treatment
08.10.2026	Parathyroid glands disorders Differential diagnosis of hypercalcemia and hypocalcemia <i>prof. MUDr. I. Lazúrová, FRCP, DrSc</i>	4.	Hyperparathyreoidism and hypoparathyreoidism, diagnosis, dif. diagnosis, clinical symptoms and treatment. Diff. diagnosis of hypercalcaemia and hypocalcaemia
15.10.2026	Adrenal glands disorders <i>prof. MUDr. I. Lazúrová, FRCP, DrSc.</i>	5.	Adrenal gland disorders and secondary hypertension. Addison's disease
22.10.2026	Diabetes mellitus type 1 – acute complications <i>doc MUDr. I. Dravecká, PhD.</i>	6.	DM – classification, differences between types of DM, dg criteria for DM, new trends in the treatment of DM
29.10.2026	Diabetes mellitus type 2 – chronic complications. <i>prof. MUDr. I. Tkáč, PhD.</i>	7.	Acute and chronic complications of DM, causes, clinical symptoms and treatment
05.11.2026	Metabolic syndrome. Obesity – prevention and treatment <i>doc MUDr. I. Dravecká, PhD.</i>	8.	Obesity, metabolic syndrome, disorders of the lipid metabolism - treatment

12.11.2026	Investigation methods in hematology <i>prof. MUDr. I. Lazúrová, FRCP, DrSc.</i>	9.	Investigation methods in hematology Microscopic investigation of peripheral blood Presentation of patients with micro and macrocytic anemia – the differences in laboratory diagnosis, clinical symptoms, causes and treatment
19.11.2026	Anemias I: classification, iron deficiency anemia, anemia of chronic diseases, aplastic anemia <i>doc. MUDr.E. Szaboová, PhD.</i>	10.	Multiple myeloma – clinical symptoms, diagnosis and treatment
26.11.2026	Anemias II– hemolytic anemia, macrocytic anemia <i>doc. MUDr.Z. Schroner PhD.</i>	11.	Hemostasis and its disorders, investigation of bleeding disorders, vascular and platelets disorders. Anticoagulation and fibrinolytic therapy, indications and complications
03.12.2026	Lymphoproliferative disorders – differential diagnosis <i>MUDr. T. Guman, PhD.</i>	12.	Differential diagnosis between myelodysplastic syndrome and acute leukemia
10.12.2026	Myeloproliferative disorders <i>MUDr. T. Guman, PhD.</i>	13.	Lymphoproliferative disorders Myeloproliferative disorders – polycythemia vera, myelofibrosis, thrombocytemia, chronic myeloid leukemia
		14.	Repetition The test

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Conditions for course 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, it is possible to complete practical exercises in the Center for Simulator Teaching
- 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/
- **70% mandatory attendance at lectures**

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

Recommended literature:

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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