

Clinical pathophysiology

Elective subject, 3rd year, Summer semester

Time table; study year 2025/2026

Study programme: General medicine

Category: elective

Range of course: 14 teaching lessons

Period: 6th semester

Form: Practical lessons (seminars)

Completion form: ZK

Place: Practice room of Pathological physiology, 1st floor (PR PF); Center of simulator and virtual medicine, 3rd floor, Section III (CSVM) - According to timetable

Date	Time	Place	Lecture	Lecturer
13.2.2026	14:00– 15:30	CSVM	PF: Cardiovascular system T: Examination methods in cardiology P: Auscultation phenomenons	MUDr. L. Šalamonová, PhD
27.2.2026	14:00– 15:30	CSVM	PF: Respiratory system T: Pathogenesis of obstr./restr. dis. P: Auscultation phenomenons	MUDr. M. Brenišin, PhD.
13.3.2026	14:00– 15:30	PR PF	PF: Nervous system& psychiatry T: Pathogenesis of specific nervous dis. Schizophrenia and psychoses P: Evaluation methods and paramaters	Doc. MUDr. R. Beňačka, CSc.,
27.3.2026	14:00– 15:30	PR PF	PF: Hematology T: Pathophysiology of specific disorders P: Laboratory findings, preparations	MVDr. J. Nováková, PhD.
10.4.2026	14:00– 15:30	PR PF	PF: Pathophysiology of pregnancy T: PF of pregnancy; early and late gestosis P: Case reports, laboratory diagnostics	MUDr. M. Brenišin, PhD
17.4.2026	14:00– 15:30	PR PF	PF: Endocrine system T: Diabetes mellitus – pathophysiology of diabetic neuropathy P: Perspectives in the therapy of DM- selected topics	MUDr. L. Šalamonová, PhD.
30.4.2026	14:00– 15:30	PR PF	Credits, evaluation T: Reserved topic; Check of the reports	Doc. MUDr. R. Beňačka, CSc.,

Study literature:

- Porth, C.M.: Essentials of Pathophysiology, 3rd Edition, Wolters Kluwer Health/Lippincott Williams & Wilkins, 2011, 1256 p. ISBN 13: 9781451103182/ISBN 10: 1451103182 Recommended study literature
- Rácz, O. et al.: Compendium of General Pathological Physiology, Vol. 1, MF UPJŠ Košice, 1995, 240 p.
- Rácz, O. et al.: Compendium of General Pathological Physiology, Vol.2, MF UPJŠ Košice, 1995, 128 p.
- Kumar, V., Abbas, A., Fausto, N.: Robbins & Cotran Pathologic Basis of Disease, 9th Edition, Elsevier/Sauders Publ., 2014, 1408 p.,
- McPhee, S. J., Lingappa, V. R., Ganong, W. F.: Pathophysiology of Disease: An Introduction to Clinical Medicine. McGraw-Hill/Appleton & Lange, 5th ed., 2005, 784 p.,
- McCance, K.L., Huether, S.E. (Ed.) : Pathophysiology: The Biologic Basis for Disease in Adults and Children, 7th Edition, Mosby/Elsevier, 2014, 1840 p., ISBN-13: 978- 0323088541/ISBN-10: 0323088546
- Silbernagl, S., Lang, F.: Color Atlas of Pathophysiology. Thieme Med. Publ., 2000, 406 p