

Syllabus General Medicine and Dentistry 2025-2026

Week	Date	Lecture	Lecture	Lecturer	Seminar	Practice
1	29.9.	1	Introduction. Role and methods in pathology. Health, illness, causes of diseases, classification of diseases.	Prof. MUDr. J. Dušková, CSc.	Introduction to pathology. Postmortem changes	An introduction to pathology, methods, a tour of the institute
	2.10.	2	Types and causes of cell and tissue damage. Adaptation, necrosis and apoptosis.			
2.	6.10.	3	Pathology of organelles. Secretion process and its disorders. Lysosomes, peroxisomes, Mitochondria.		Necrosis, apoptosis, adaptive changes.	Necrosis, apoptosis, adaptive changes.
	9.10.	4	Amyloid and amyloidosis			
3.	13.10.	5	Complex molecule disorders (steatosis, glycogen disorders). Calcification.		Autopsy technique	Disorders of fat and carbohydrate metabolism
	16.10.	6	Autogenous pigmentations			
4.	20.10.	7	Haematogenous pigments. Icterus		Protein metabolism disorders	Protein metabolism disorders
	23.10.	8	Exogenous pigments			
5.	27.10.	9	General circulatory disorders. Pathomorphology of shock		Pigments	Pigments I (exogenous, hematogenous I)
	30.10.	10	Local circulatory disorders			
6.	3.11.	11	Inflammation I. Definition of inflammation, causes and healing of inflammation. Regeneration and repair.		Crystals, concretions	Pigments II (hematogenous II, autogenous)
	6.11.	12	Inflammation II. Systematics of exudative inflammations of the skin, serous membranes, mucous membranes and interstitial inflammations.			
7.	10.11.	13	Inflammation III. Chronic inflammation. Granulomatous inflammatory processes.		Circulatory disorders	Circulatory disorders
	13.11.	14	Infectious diseases I. Pathomorphology of tissue changes in viral infections			
8.	17.11.		State Holiday		Inflammation I. (non specific)	Inflammation I.
	20.11.	15	Infectious diseases II. Pathomorphology of tissue changes in bacterial infections			
9.	24. 11.	16	General oncology I		Inflammation II. (granulomatous)	Inflammation II.
	27.11.	17	General oncology II			
10.	1.12.	18	General oncology III	Prof. MUDr. J. Dušková,	Pseudotumours &	

Note: If demonstration autopsy is available, the topic of the microscopy practices is abbreviated in favour of autopsy demonstration.