

## Syllabus of practicals and seminars for students of general medicine and dentistry in 2<sup>nd</sup> semester 2024/2025

	Week	Topic
1.	24.2.-28.2.	Respiratory system. Mediastinum. Thoracic aorta. Superior vena cava. Azygos vein. <b>S1:</b> <i>Laryngotomy, tracheotomy; pneumothorax; maturation of the lungs, surfactant</i>
2.	3.3.-7.3.	Urinary system. Suprarenal gland. Male genital system. Retroperitoneal space. <b>Test 1: Respiratory system.</b> <b>S2:</b> <i>Renal transplantation; congenital renal defects; descent of the testes, cryptorchism; hypospadias</i>
3.	10.3.-14.3.	Female genital system. Pelvic floor. Perineum. Blood vessels, nerves and lymphatics of pelvis and perineum. <b>S3:</b> <i>Menstrual cycle; ectopic pregnancy; congenital defects of the uterus and vagina</i>
4.	17.3.-21.3.	Heart cavities, wall of the heart, valves, blood supply and innervation, heart auscultation. <b>Test 2: Urogenital system.</b> <b>S4:</b> <i>Fetal circulation; congenital heart defects</i>
5.	24.3.-28.3.	Heart - pericardium. Spleen. Thymus <b>S5:</b> <i>Heart- X-ray; auscultation; coronarography; PTCA (percutaneous transluminal coronary angioplasty); bypass</i>
6.	31.3.-4.4.	Spinal nerves and their plexuses. Sympathetic part of autonomic nerves. <b>Test 3: Heart.</b>
7.	7.4.-11.4.	Cranial nerves. Parasympathetic part of autonomic nerves <b>S6:</b> <i>Sucking reflex; corneal reflex; facial nerve palsy</i>
8.	14.4.-18.4. (Easter)	Meninges and vessels of the CNS. Spinal cord. Brain stem. <b>S7:</b> <i>Lumbar puncture and epidural anesthesia; neural tube defects</i> <b>Test 4: PNS.</b>
9.	21.4.-25.4. (Easter)	Cerebellum. Sagittal section of the brain. Diencephalon. Microscopic sections of spinal cord and brain stem. <b>S8:</b> <i>Cerebellar syndromes; sensory and motor disturbance following spinal cord lesion; blood-brain barrier; neural stem cells</i>
10.	28.4.-2.5.	Gyrification of cortex. Macroscopic sections of the brain. Basal ganglia. Internal capsule. <b>Test 5: Spinal cord, brain stem, cerebellum – structure and pathways.</b> <b>S9:</b> <i>Parkinsonism; bleeding into internal capsule</i>
11.	5.5.-9.5.	Ventricular system. Hippocampus. Fornix. Microscopic sections of diencephalon and telencephalon. <b>S10:</b> <i>Liquor and its circulation; intracranial hypertension; hydrocephalus; Intracerebral hemorrhage</i>
12.	12.5.-16.5.	Macroscopic sections of the brain. MRI. <b>Test 6: Diencephalon and telencephalon – structure and pathways.</b>
13.	19.5-23.5.	Auditory and vestibular apparatus. <b>S11:</b> <i>Paracentesis (myringotomy); nystagmus</i>
14.	26.5.-30.5.	Eye and related structures. <b>Test 7: Ear and auditory pathway.</b> <b>S12:</b> <i>Ophthalmoscopy; pupillar reflex; glaucoma; cataracta</i>
15.	2.6.-6.6.	Skin. <b>Test 8: Eye and visual pathway. Credit.</b> <b>S13:</b> <i>Sentinel lymph nodes in tumors of mammary gland</i>

*Dean's day (Thursday) April 17, Holidays (Friday) April 18, (Monday) April 21,*

*National holidays (Thursday) May 1, May 8*