

Program of Study : General Medicine

Course : Pathology

Abbreviation : PAT/VAB11

Schedule : 60 hours of lectures
60 hours of classes

Course Distribution : 3rd year, 6th semester

Number of Credits : 14

Course Form : Lectures, practical classes

Lectures:

Teachers: prof. MUDr. Jiří Ehrmann, Ph.D. (garant)

Study: Continuous

	Date	Subject	No. of Less.	Teacher
1	13/ 2/ 2023 14/ 2/ 2023	Pathology of the vessels. Atherosclerosis. Pathology of the respiratory tract I.	4	Ehrmann Škarda
2	20/ 2/ 2023 21/ 2/ 2023	Pathology of the respiratory tract II. Pathology of the respiratory tract III.	4	Škarda
3	27/ 2/ 2023 28/ 2/ 2023	Pathology of the gastrointestinal tract, pt. I. (oral cavity, salivary glands, oesophagus, stomach). Pathology of the gastrointestinal tract, pt. II. (small intestine, pathology of the peritoneum).	4	Škarda Ehrmann
4	6/ 3/ 2023 7/ 3/ 2023	Pathology of the gastrointestinal tract III. (large intestine). Pathology of the gastrointestinal tract IV. (large intestine – tumors).	4	Ehrmann
5	13/ 3/ 2023 14/ 3/ 2023	Pathology of the liver. Pathology of the biliary tract and pancreas.	4	Ehrmann
6	20/ 3/ 2023 21/ 3/ 2023	Pathology of the kidney I. (glomerular diseases). Pathology of the kidney II. (renal neoplasms).	4	Ehrmann
7	27/ 3/ 2023 28/ 3/ 2023	Pathology of the kidney III. (tubulointerstitial diseases, urolithiasis, pathology of ureters and urinary bladder). Pathology of the male genital system.	4	Ehrmann
8	3/ 4/ 2023 4/ 4/ 2023	Pathology of the female genital system (vulva, vagina, uterine cervix, uterine corpus, endometrium, Fallopian tubes, ovary). Pathology of the breast.	4	Ehrmann
9	10/ 4/ 2023 11/ 4/ 2023	Easter Pathology of the central nervous system (infections, vascular diseases, neoplasms of the central nervous system, neurodegenerative diseases).	4	Tučková
10	17/ 4/ 2023 18/ 4/ 2023	Pathology of peripheral nerves. Autonomic nervous system. Musculoskeletal diseases. Diseases of bones and joints.	4	Tučková Ehrmann
11	24/ 4/ 2023 25/ 4/ 2023	Endocrine pathology (pituitary, thyroid gland, parathyroid, adrenal glands, diabetes). Patology of the skin.	4	Ehrmann

12	1/ 5/ 2023 3/ 5/ 2023	National day Neonatal pathology. Paediatric pathology.	4	Škarda
13	8/ 5/ 2023 10/ 5/ 2023	National day Genetic diseases. Disorders of growth. Teratology.	4	Škarda
14	16/ 5/ 2023 17/ 5/ 2023	The role of pathology in clinical medicine. Modern methods in pathology.	4	Škarda
15	23/ 5/ 2023 24/ 5/ 2023	Molecular pathology. Prognostic and predictive pathology of tumors.	4	Ehrmann Škarda

Practical classes:

Leading Teacher: MUDr. Daniela Kurfürstová, Ph.D.

Study: Continuous

	Week from-to	Subject	No. of Less.
1	13/ 2/ – 17/ 2/ 2023	Cardiovascular pathology.	4
2	20/ 2/ – 24/ 2/ 2023	Pathology of the respiratory system I.	4
3	27/ 2/ – 3/ 3/ 2023	Pathology of the respiratory system II.	4
4	6/ 3/ – 10/ 3/ 2023	Pathology of the gastrointestinal tract I. – oral cavity, salivary glands. TMCQ test: respiratory and cardiovascular system. Determination of slides.	4
5	13/ 3/ – 17/ 3/ 2023	Pathology of the gastrointestinal tract II. – stomach, small, large intestine.	4
6	20/ 3/ – 24/ 3/ 2023	Pathology of the gastrointestinal tract III. – liver, pancreas, biliary tract.	4
7	27/ 3/ – 31/ 3/ 2023	Pathology of the uropoetic tract – kidney, bladder.	4
8	3/ 4/ – 7/ 4/ 2023	Pathology of the reproductive systém I. – male reproductive system. MCQ test: Gastrointestinal tract, pancreas, liver. Determination of slides.	4
9	10/ 4/ – 14/ 4/ 2023	Pathology of the reproductive system II. – ovarium, uterus.	4
10	17/ 4/ – 21/ 4/ 2023	Pathology of the reproductive system III. – mammary gland, gravidity.	4
11	24/ 4/ – 28/ 4/ 2023	Pathology of the nervous system.	4
12	1/ 5/ – 5/ 5/ 2023	Pathology of the musculoskeletal system. Endocrine pathology.	4
13	8/ 5/ – 12/ 5/ 2023	Pathology of the skin. Perinatal pathology.	4
14	15/ 5/ – 19/ 5/ 2023	MCQ test: 9.-13. practical training. Determination of slides. Practicavit.	4
15	22/ 5/ – 26/ 5/ 2023	Practicavit. Supplementary training for absentees.	4

Completed by: Practicavit, exam

Requirements: Attendance to practical seminars is compulsory!

The required attendance to practical seminars – a student is allowed to miss maximum one seminar. Students' preparedness for seminars will be continuously tested orally or written. Successful passing of the test = minimal 75% of correct answers is required. Unprepared students will be excluded from seminars. If a student fails to attend classes due to health or other serious reasons, they must attend substitute classes provided they have provided a satisfactory excuse.

A maximum of two practical seminars may be made up for. Whether the reason stated is serious enough and excusable shall be determined by the respective teacher.

Exam: test = minimal 75% of correct answers is required, 2 slides, 3 questions (general pathology, systemic pathology, oncology)

Literature:

1. Kumar V., Abbas A. K., Aster J. C.: Basic Pathology, Elsevier Saunders Inc, 9th edition, 2015
2. Robbins & Cotran Pathologic Basis of Disease. Published: 15th June 2020 Authors: Vinay Kumar Abul Abbas Jon Aster.
3. Robbins and Cotran Pathology Flash Cards: With STUDENT CONSULT Online Access (Robbins Pathology): 9781416049296
4. Lecture materials on MOODLE + tutorials.