

PRACTICES

GENERAL PATHOLOGY

16. 9. - 20. 9. 2024

0. Opening practical session

- attendance
- organization of education in 1st Department of Pathological Anatomy
- basic safety instructions (occupational safety in potentially infectious surrounding)
- explanation of terms:
 - pathological-anatomical autopsy
 - biopsy, reporting of biopsy, basic processing of biopsies

23. 9. - 4. 10. 2024

1. Regressive alterations (incl. necrosis, apoptosis), dystrophy, pigments.

- 13. Acute myocardial infarction
- 65. Infarction of the kidney
- 20. Hemorrhagic pulmonary infarction
- 94. Encephalomalacia (older)
- 21. Pulmonary emphysema
 - 1. Amyloidosis (myocardium/kidney/liver)
- 48. Steatosis of the liver
- 12. Atherosclerosis with mural thrombus
- 111. Compound melanocytic nevus
- 49. Cholestasis in the liver (with obstructive icterus)
- 29. Pulmonary silicosis

7. 10. – 18. 10. 2024

2. Circulation disorders, local, systemic. Inflammation I.

- 3. Organization of the thrombus
- 22. Pulmonary oedema
- 23. Chronic pulmonary venous congestion
- 50. Chronic venous congestion in the liver
- 19. Polypous rhinitis
- 17. Fibrinous pericarditis
- 32. Mycotic esophagitis
- 42. Pseudomembranous colitis
- 95. Purulent meningitis
- 25. Purulent bronchopneumonia (abscessing)
- 46. Phlegmonous appendicitis
- 66. Purulent pyelonephritis
- 15. Acute bacterial endocarditis
- 28. Interstitial pneumocystis pneumonia
- 59. Chronic lymphoplasmacytic thyroiditis (Hashimoto)

21. 10. - 1. 11. 2024

3. Inflammation II (proliferative and specific inflammation). Progressive alterations (hyperplasia, hypertrophy, regeneration, reparation, metaplasia, dysplasia).

- 2. Granulation tissue
- 24. Pulmonary tuberculosis
- 10. Sarcoidosis of lymph nodes
- 14. Dispersive myocardial myofibrosis
- 36. Chronic peptic ulcer of the stomach
- 51. Cirrhosis (active chronic hepatitis in the stage of cirrhosis)
- 61. Colloid-nodular goiter
- 74. Benign prostatic hyperplasia
- 81. Corporal endometrial polyp / endometrial hyperplasia
- 77. Squamous cell metaplasia of the cervix, ovulosis
- 79. HG cervical intraepithelial neoplasia (CIN)

4. 11. - 15. 11. 2024

4. Tumors I (mesenchymal, epithelial, neuroectodermal, germ cell tumors).

- 106. Verruca vulgaris
- 4. Squamous cell carcinoma
- 110. Basal cell carcinoma of the skin
- 70. Low-grade papillary carcinoma of the urinary bladder
- 62. Follicular adenoma of the thyroid
- 45. Tubular adenoma of the colon with high-grade epithelial dysplasia
- 37. Adenocarcinoma of the stomach/bowel (intestinal type)
- 38. Adenocarcinoma of the stomach with signet-ring tumor cells
- 53. Hepatocellular carcinoma
- 71. Clear cell renal carcinoma (Grawitz)
- 92. Mammary invasive ductal carcinoma
- 47. Neuroendocrine tumor – carcinoid in the appendix
- 31. Small cell lung carcinoma
- 83. Uterine leiomyoma
- 39. Gastrointestinal stromal tumor (GIST)
- 52. Capillary hemangioma of the liver
- 101. HG osteosarcoma
- 96. Glioblastoma multiforme
- 97. Meningioma
- 98. Neurinoma
- 112. Malignant melanoma
- 76. Seminoma of the testis
- 91. Mammary fibroadenoma (pericanalicular/intracanalicular)

18. 11. - 29. 11. 2024

5. Tumors II (hemato-oncology). Pathology of lymph nodes (reactive alterations, lymphomas).

- 5. Chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL)
- 6. Follicular lymphoma
- 7. Diffuse large B-cell lymphoma (DLBCL)
- 8. Hodgkin lymphoma
- 9. Tuberculous lymphadenitis
- 10. Sarcoidosis of lymph nodes
- 11. Nonspecific reactive lymphadenitis

SYSTEMATIC PATHOLOGY

2. 12. – 13. 12. 2024

1. Pathology of the cardiovascular system.

12. Atherosclerosis with mural thrombus
13. Acute myocardial infarction
14. Dispersive myocardial myofibrosis
15. Acute bacterial endocarditis
16. Viral myocarditis
17. Fibrinous pericarditis
18. Myxoma of the left atrium

16. 12. - 20. 12. 2024

- supplementary practical session

17 . 2. – 28. 2. 2025

2. Pathology of the respiratory tract.

19. Polypous rhinitis
20. Hemorrhagic pulmonary infarction
21. Pulmonary emphysema
22. Pulmonary oedema
23. Chronic pulmonary venous congestion
24. Pulmonary tuberculosis
25. Purulent bronchopneumonia (abscessing)
26. Aspiration of the amniotic fluid
27. Acute respiratory distress syndrome (ARDS)
28. Interstitial pneumocystis pneumonia
29. Pulmonary silicosis
30. Chondroid hamartoma of the lung
31. Small cell lung carcinoma

3. 3. - 14. 3. 2025

3. Pathology of the alimentary tract.

32. Mycotic esophagitis
33. Warthin tumor
34. Barrett's esophagus
35. Chronic nonatrophic gastritis associated with H. Pylori
36. Chronic peptic ulcer of the stomach
37. Adenocarcinoma of the stomach/bowel (intestinal type)
38. Adenocarcinoma of the stomach with signet-ring tumor cells
39. Gastrointestinal stromal tumor (GIST)
40. Crohn's disease
41. Ulcerative colitis
42. Pseudomembranous colitis
43. Hemorrhagic intestinal infarction
44. Hyperplastic polyp of the colon
45. Tubular adenoma of the colon with high-grade epithelial dysplasia
46. Phlegmonous appendicitis
47. Neuroendocrine tumor – carcinoid in the appendix

17. 3. - 28. 3. 2025

4. Pathology of the liver, biliary tract, pancreas, incl. pathology of diabetes. Pathology of the endocrine system.

48. Steatosis of the liver
49. Cholestasis in the liver (with obstructive icterus)
50. Chronic venous congestion in the liver
51. Cirrhosis (active chronic hepatitis in the stage of cirrhosis)
52. Capillary hemangioma of the liver
53. Hepatocellular carcinoma
54. Ductal adenocarcinoma of the pancreas
55. Liver metastasis of adenocarcinoma
56. Acute (or chronic) cholecystitis
57. Acute hemorrhagic pancreatitis
59. Chronic lymphoplasmacytic thyroiditis (Hashimoto)
60. Diffuse toxic goiter (Graves-Basedow disease)
61. Colloid-nodular goiter
62. Follicular adenoma of the thyroid
63. Papillary thyroid carcinoma
64. Pheochromocytoma

31. 3. - 11. 4. 2025

5. Pathology of the urinary tract (kidneys, collecting system).

65. Infarction of the kidney
66. Purulent pyelonephritis
67. Acute glomerulonephritis (proliferative or crescentic)
68. Diabetic glomerulosclerosis, microangiopathy
69. Vascular nephrosclerosis
70. Low-grade papillary carcinoma of the urinary bladder
71. Clear cell renal carcinoma (Grawitz)
72. Wilms' tumor
73. Papillary renal cell carcinoma

14. 4. - 25. 4. 2025

6. Pathology of the genital system. Pathology of the breast.

74. Benign prostatic hyperplasia
75. Acinar adenocarcinoma of the prostate
76. Seminoma of the testis
77. Squamous cell mataplasia of the cervix, ovulosis
78. Condyloma accuminatum
79. HG cervical intraepithelial neoplasia (CIN)
80. Tubal pregnancy / post-abortion residual tissue
81. Corporal endometrial polyp / endometrial hyperplasia
82. Uterine endometrioid adenocarcinoma
83. Uterine leiomyoma
84. Ovarian fibroma
85. Mature teratoma (dermoid cyst)
86. Choriocarcinoma
87. Endometriosis
88. Ovarian serous cystadenocarcinoma
89. Ovarian mucinous castydenocarcinoma
90. Granulosa cell tumor
91. Mammary fibroadenoma (pericanalicular/intracanalicular)
92. Mammary invasive ductal carcinoma
93. Mammary invasive lobular carcinoma

28. 4. – 9. 5. 2025

7. Pathology of the central and peripheral nervous system.

- 94. Encephalomalacia (older)
- 95. Purulent meningitis
- 96. Glioblastoma multiforme
- 97. Meningioma
- 98. Neurinoma
- 64. Pheochromocytoma

12. 5. – 23. 5. 2025

8. Pathology of the musculoskeletal system and skin.

- 99. Lipoma
- 100. Osteochondroma
- 101. HG osteosarcoma
- 102. Giant cell tumor of bone
- 103. Osteomyelitis (purulent)
- 104. Gout tophi (skin, joint capsule...)
- 105. Psoriasis
- 106. Verruca vulgaris
- 107. Verruca seborrhoeica
- 108. Foreign body granuloma
- 109. Capillary hemangioma of the skin
- 110. Basal cell carcinoma of the skin
- 111. Compound melanocytic nevus
- 112. Malignant melanoma

since 26. 5. 2025

- viewing of exam slides in practical session room
- supplementary practical session