

Special pathology

1. Bowel obstruction. Impairment of bowel position and intestinal lumen.
2. Hernias - review, complications.
3. Pathology of exocrine pancreas.
4. Pathology of gallbladder and bile ducts.
5. Liver fibrosis and cirrhosis – definition, causes, complications
6. Hepatitis.
7. Alcoholic liver disease and liver involvement in the setting of metabolic syndrome.
8. Circulatory diseases of the liver.
9. Pathological content of peritoneal cavity. Peritonitis.
10. Appendicitis. Intestinal diverticuli.
11. Vascular disorders of the intestines - review, ischemic colitis.
12. IBD: ulcerative colitis, Crohn disease.
13. Infective diseases of the intestines.
14. Malabsorption syndrome. Celiac disease. Whipple's disease.
15. Gastritis.
16. Gastroduodenal peptic ulcer disease.
17. Esophagus – congenital malformations, diverticuli.
18. Esophagitis. Barrett's esophagus.
19. Inflammatory diseases of nasopharynx, pharynx, and tonsils.
20. Pathology of bones and soft tissue of head and neck. Cysts of the jaws.
21. Pathology of salivary glands: inflammatory diseases and cysts.
22. Pathology of teeth and jaws: dental caries, pulpitis.
23. Periodontitis. Parodontosis.
24. Pathology of oral cavity: developmental disorders, inflammatory diseases.
25. Pathologic content of pleural cavity. Pleuritis.
26. Pathology of the mediastinum.
27. Interstitial pneumonia.
28. Superficial pneumonia – lobar pneumonia, bronchopneumonia, special forms.
29. Atelectasis and emphysema.
30. Bronchostenosis and bronchiectasia.
31. Pulmonary infarct, pulmonary edema.
32. Rhinitis, sinusitis. Inflammatory diseases of the larynx, trachea, and bronchi.
33. Pathology of the spleen and thymus.
34. Lymphadenitis. Lymphadenopathy.
35. Pathology of lymph vessels: lymphangitis, lymphedema, lymphangiectasia.
36. Diseases of veins: phlebothrombosis, thrombophlebitis, phlebectasia, varices.
37. Vasculitis
38. Hypertension - types, mechanisms, consequences
39. Aneurysms.
40. Degenerative diseases of arteries, arterioles and capillaries (medial calcinosis, amyloidosis, medinerosis cystica Erdheimi, diabetic angiopathy).
41. Atherosclerosis - morphology, complications.
42. Atherosclerosis - causes, risk factors, epidemiology
43. Endocarditis.
44. Valvular disease of the heart.
45. Senile changes of the heart.

46. Myocarditis, cardiomyopathy.
47. Ischemic heart disease. Myocardial infarct.
48. Pathology of pericardium.
49. Congenital malformations of the heart and large vessels.
50. Circulatory and vascular diseases of kidneys, renal involvement in hypertension and diabetes.
51. Congenital malformations of urinary tract. Cystic disease of kidneys.
52. Glomerular diseases manifesting with nephrotic syndrome
53. Glomerular diseases manifesting with nephritic syndrome
54. Glomerular diseases manifesting with hematuria
55. Tubulointerstitial diseases of the kidney (infective, toxic, immune, congenital).
56. Hydronephrosis, inflammatory diseases of lower urinary system.
57. Inflammatory diseases of the testis, epididymis, and adnexal structures.
58. Non-inflammatory diseases of the testis, epididymis, and adnexal structures.
59. Pathology of penis and scrotum.
60. Hyperplasia of the prostate. Other non-neoplastic diseases of the prostate.
61. Inflammatory and other non-neoplastic diseases of vulva and vagina.
62. Hyperplasia of endometrium. Polyps of uterine cervix and endometrium.
63. Inflammatory diseases of uterine cervix and endometrium. Endometriosis.
64. Non-neoplastic diseases of adnexa of uterus.
65. Non-neoplastic diseases of the breast: inflammations and fibrocystic disease.
66. Pathology of pregnancy.
67. Pathology of placenta.
68. Pathology of newborn – general review.
69. Mechanical injury of the central nervous system.
70. Intracranial hemorrhage.
71. Cerebrovascular diseases. Encephalomalacia, myelomalacia, global cerebral ischemia.
72. Cerebral edema, herniation, hydrocephalus.
73. Meningitis. Encephalitis.
74. Slow viral infections and prion diseases of central nervous system.
75. Metabolic and nutritional diseases of nervous system.
76. Congenital malformations of central nervous system. Degenerative diseases of CNS.
77. Congenital diseases of bones and joints: review.
78. Metabolic diseases of bones and joints (osteoporosis, rachitis/osteomalacia, hyperparathyroidism, gout, pseudogout, ochronosis)
79. Review of muscle atrophy, muscle dystrophy and myopathy.
80. Degenerative and inflammatory diseases of bones and joints (osteomyelitis, TBC, fractures, osteoarthritis-arthrosis, tendovaginitis, bursitis, osteonecrosis, Paget disease, rheumatoid arthritis, ankylosing spondylitis-Bechterew disease)
81. Non-neoplastic diseases of the pituitary. Clinical manifestation of pituitary diseases.
82. Non-neoplastic diseases of the adrenals. Adrenal syndromes.
83. Diabetes mellitus.
84. Pathology of the thyroid, goiter, thyreoidal syndromes.
85. Pathology of parathyroids, parathyroideal syndromes.
86. Pathology of the eye (conjunctivitis, glaucoma, cataracta).
87. Pathology of the ear (mesotitis acuta and chronica, cholesteatoma, otosclerosis).
88. Infectious dermatoses (folliculitis, impetigo, warts, molluscum contagiosum, TBC, lepra, fungal infections)

89. Non-infectious dermatoses (urticaria, eczema-dermatitis, erythema multiforme, psoriasis, lichen planus).
90. Blistering diseases (pemphigus, pemphigoid, Duhring disease, epidermolysis bullosa, porphyria).
91. Impaired keratinization. Cutaneous cysts