

BELARUSSIAN STATE MEDICAL UNIVERSITY

Examination questions on surgical diseases for the 4th year students

1. Etiology and pathogenesis of the acute appendicitis.
2. Clinical symptoms of the acute appendicitis, differential diagnosis.
3. Clinical features of the acute appendicitis in children, aged people, pregnant women.
4. Complications of the acute appendicitis.
5. Treatment for the acute appendicitis and complications.
6. Hernias. Factors of a hernia formation.
7. Classification of hernias.
8. Treatment of a hernia. Tension and tension-free hernioplasty methods.
9. Strangulation of a hernia. Definition, manifestations, treatment.
10. Obstruction of a hernia. Definition, manifestations, treatment.
11. Inflammation of a hernia. Definition, manifestations, treatment.
12. Umbilical hernia. Anatomy, manifestations, treatment.
13. Inguinal hernia. Anatomy, manifestations, treatment.
14. Femoral hernia. Anatomy, manifestations, treatment.
15. White line hernia. Anatomy, manifestations, treatment.
16. Recurrent hernia. Causes, anatomy, manifestations, treatment.
17. Incisional hernia. Causes, anatomy, manifestations, treatment.
18. Etiology of the acute pancreatitis.
19. Atlanta classification of the acute pancreatitis.
20. Local complications of the acute pancreatitis, definition and manifestations.
21. Systemic complications of the acute pancreatitis, definition and manifestations.
22. Diagnostics of the mild acute pancreatitis (clinical, laboratory and instrumental).
23. Diagnostics of the severe acute pancreatitis (clinical, laboratory and instrumental).
24. Medical treatment for the acute pancreatitis.
25. Indications for surgery in the acute pancreatitis.

26. Definition and etiology of the chronic pancreatitis.
27. Complications of the chronic pancreatitis, definition and their manifestations.
28. Manifestations and diagnostics of the chronic pancreatitis.
29. Treatment for the chronic pancreatitis. Indications for surgery.
30. Etiology of the gallstone disease, classification of the gallstones.
31. Clinical forms of the gallstone disease.
32. Chronic calculous cholecystitis, clinical manifestations and diagnostics.
33. Chronic calculous cholecystitis, complications and treatment.
34. Acute calculous cholecystitis, clinical manifestations and diagnostics.
35. Acute calculous cholecystitis, complications and treatment.
36. Common bile duct stone (choledocholithiasis), etiology and clinical manifestations.
37. Common bile duct stone (choledocholithiasis), complications and treatment.
38. Cholangitis, clinical manifestations, diagnostics, and treatment.
39. Gallstone ileus, etiology, clinical manifestations, and treatment.
40. Upper gastrointestinal bleeding. Causes. Clinical manifestations.
41. Low gastrointestinal bleeding. Causes. Clinical manifestations.
42. Diagnostics of the gastrointestinal bleeding.
43. Differential diagnosis of the upper and low gastrointestinal bleeding.
44. Definition and classification of the acute intestinal obstruction.
45. Definition and etiology of the functional intestinal obstruction.
46. Definition and etiology of the mechanical intestinal obstruction.
47. Manifestations and diagnostics of the functional intestinal obstruction.
48. Manifestations and diagnostics of the mechanical intestinal obstruction.
49. Strangulation in the acute intestinal obstruction. Causes, diagnostics, management.
50. Treatment for the functional intestinal obstruction, indications for surgery.
51. Treatment for the mechanical intestinal obstruction, indications for surgery.
52. Classification of the peptic ulcer complications.
53. Etiology and pathogenesis of the perforated peptic ulcer.

54. Clinical manifestations, diagnostics and treatment for the perforated peptic ulcer.
55. Etiology and pathogenesis of the peptic ulcer hemorrhage.
56. Clinical manifestations and diagnostics of the peptic ulcer hemorrhage.
57. Management of the peptic ulcer hemorrhage. Medical, endoscopic and surgical treatment.
58. Definition of the peptic ulcer penetration. Management.
59. Etiology and pathogenesis of the gastric outlet obstruction.
60. Stages of the gastric outlet obstruction.
61. Manifestations and diagnostics of the gastric outlet obstruction.
62. Medical and surgical treatment for the gastric outlet obstruction.
63. Definition and classification of the peritonitis.
64. Primary microbial peritonitis. Definition and causes.
65. Secondary microbial peritonitis. Definition and causes.
66. Tertiary microbial peritonitis. Definition and causes.
67. Clinical manifestations and principles of diagnostics in peritonitis.
68. Indications and principles of preoperative preparation in peritonitis.
69. Principles of surgery for peritonitis. Source control.
70. Principles of antimicrobial treatment for peritonitis.
71. Aneurysms of the aorta, etiology, clinical manifestations, complications.
72. Aneurysms of the aorta, diagnostics, indications for surgery.
73. Atherosclerotic diseases of the lower extremities, etiology and pathogenesis.
74. Atherosclerotic diseases of the lower extremities, clinical manifestations, classification.
75. Atherosclerotic diseases of the lower extremities, diagnostics, management.
76. Acute limb ischemia, definition, etiology and pathogenesis.
77. Acute limb ischemia, clinical manifestations, diagnostics, management.
78. Aortic coarctation, definition, pathogenesis, complications.
79. Aortic coarctation, clinical manifestations, diagnostics, treatment.
80. Patent ductus arteriosus, definition, manifestations, treatment.

- 81.Lymphadenitis, lymphangitis, causes and clinical manifestations, diagnosis, treatment.
- 82.Lymphadenitis, lymphangitis, diagnosis, treatment.
- 83.Varicose veins disease of lower extremities, etiology and pathogenesis, classification.
- 84.Varicose veins disease of lower extremities, clinical manifestations, complications, diagnostics.
- 85.Treatment of varicose vein disease of lower extremities.
- 86.Deep vein thrombosis, etiology and pathogenesis, complications.
- 87.Deep vein thrombosis, clinical manifestations, diagnostics, treatment.
- 88.Thrombophlebitis of the superficial veins, etiology and pathogenesis.
- 89.Intestinal diverticula, definition, etiology, and classification.
- 90.Intestinal diverticula, complications, diagnosis, treatment.
- 91.Meckel's diverticulum, complications, diagnosis, treatment.
- 92.Crohn's disease. Definition, surgical complications, indications for surgery.
- 93.Ulcerative colitis. Definition, surgical complications, indications for surgery.
- 94.Hemorrhoids, etiology, clinical manifestations, complications.
- 95.Hemorrhoids, clinical manifestations, diagnostics, treatment.
- 96.Anal fissure, definition, etiology.
- 97.Anal fissure, clinical manifestations, diagnostics, treatment.
- 98.Perirectal abscess, definition, etiology, classification.
- 99.Perirectal abscess, clinical manifestations, diagnostics, treatment.
100. Fistula-in-ano, definition, etiology, classification.
101. Fistula-in-ano, clinical manifestations, diagnostics, treatment.
102. Pilonidal sinus, definition, manifestations, treatment.
103. Rectal prolapse, definition, manifestations, treatment.
104. Bronchiectasis, etiology, manifestations, indications for surgery.
105. Pneumothorax, etiology, clinical manifestations.
106. Pneumothorax, diagnostics, treatment.
107. Hemothorax, etiology, clinical manifestations.

108. Hemothorax, diagnostics, treatment.
109. Pleural empyema, etiology, clinical manifestations.
110. Pleural empyema, clinical manifestations, diagnosis, treatment.
111. Lung abscess, etiology, clinical manifestations.
112. Lung abscess, diagnosis, treatment.

Перечень вопросов утвержден на заседании кафедры, протокол от 30.03.2026, №
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