

Educational Institution
«Gomel state medical university»
Specialty 1-79 01 01 «Medicine»

APPROVED

Head of the department of surgical
diseases № 1 with the course of
cardiovascular surgery,

associate professor

M.L.Kaplan

10 April 2026

QUESTIONS

For the exam on surgical diseases
2025/2026 academic year

1. Acute appendicitis: etiology, pathogenesis, clinical manifestations, differential diagnosis.
2. Surgical tactics in acute appendicitis. Types of surgery.
3. Clinical manifestations of acute appendicitis depending on different location of the appendix.
4. Clinical manifestations, diagnostics and treatment of acute appendicitis in pregnant women.
5. Clinical manifestations, diagnostics and treatment of acute appendicitis in children.
6. Clinical manifestations, diagnostics and treatment of acute appendicitis in elderly.
7. Appendicular mass and abscess: clinical manifestations, diagnostics and treatment.
8. Complications after appendectomy: clinical manifestations, diagnostics and treatment.
9. Chronic appendicitis. Tumours of the appendix.
10. Gallstone disease: prevalence, risk factors, clinical variants, diagnostics, surgical tactics.
11. Acute cholecystitis: classification, clinical manifestations, diagnostics, treatment.
12. Complications of acute cholecystitis: clinical presentation, diagnostics, tactics of treatment.
13. Choledocholithiasis: clinical manifestations, diagnostics and treatment.
14. Obstructive jaundice: etiology, clinical manifestations, diagnostics.
15. Obstructive jaundice: treatment tactics, bile ducts decompression methods. Types of surgery.
16. Cholangitis: causes, clinical manifestations, diagnostics, tactics of treatment.
17. Biliary strictures: clinical manifestations, diagnostics, tactics of treatment.
18. Types of common bile duct drainage. Indications for drainage.

19. Biliodigestive fistula: clinical manifestations, diagnostics and treatment.
20. Complications of cholecystectomy: clinical manifestations, diagnostics and treatment.
21. Post-cholecystectomy syndrome: classification, diagnostics, tactics of treatment.
22. Chronic pancreatitis: etiology, pathogenesis, classification, clinical manifestations, diagnostics.
23. Treatment of chronic pancreatitis: conservative therapy, indications and types of surgery in chronic pancreatitis.
24. Complications of chronic pancreatitis: clinical manifestations, diagnostics, treatment.
25. Pancreatic cysts and fistulas. Etiology, pathogenesis, classification, clinical manifestations, diagnostics, treatment.
26. Complications of pancreatic cysts. Clinical manifestations and tactics of treatment.
27. Acute intestinal obstruction. Etiology, pathogenesis, classification, clinical manifestations, diagnostics.
28. Intestinal obstruction: tactics of treatment, conservative therapy.
29. Intestinal obstruction: indications and types of surgery. Postoperative care.
30. Adhesive intestinal obstruction: clinical manifestations, diagnostics, treatment.
31. Obstructive bowel obstruction. Etiology, clinical manifestations, diagnostics, tactics of treatment.
32. Strangulated bowel obstruction. Types, clinical manifestations, diagnostics, tactics of treatment.
33. Strangulation of hernia: types and features of surgery.
34. Intussusception: etiology, clinical manifestations, diagnostics and treatment.
35. Paralytic intestinal obstruction: etiology, clinical manifestations and treatment.
36. Acute mesenteric ischemia. Etiology and pathogenesis, classification, clinical manifestations, diagnostics, treatment.
37. Chronic mesenteric ischemia. Etiology and pathogenesis, clinical manifestations, diagnostics, treatment.
38. Duodenal ulcer. Epidemiology. Pathogenesis. Complications.
39. Relapse and aggravating factors of duodenal ulcer. Refractory duodenal ulcers.
40. Duodenal ulcer. Surgical tactics, indications and types of surgery.
41. Gastric ulcer: epidemiology, pathogenesis, complications. Refractory gastric ulcers.
42. Gastric ulcer. Surgical tactics, indications and types of surgery.
43. Classification, clinical manifestation and diagnostics of perforated ulcer.
44. Perforated ulcer. Tactics of treatment, surgery types and results.
45. Clinical manifestations of gastroduodenal ulcer bleeding. Evaluation of volume of blood loss. Relapse risk assessment.

46. Endoscopic criteria of stable hemostasis in gastroduodenal ulcer bleeding. Relapse prognosis.
47. Principles of conservative treatment of gastroduodenal ulcer bleeding.
48. Surgical tactics in gastroduodenal ulcer bleeding. Surgery selection. Results.
49. Duodenal stenosis: classification, clinical manifestations, diagnostics.
50. Duodenal stenosis: tactics of treatment, surgery selection, results.
51. Penetration of ulcers. Fistula between organs. Clinical manifestations, diagnostics of penetration, treatment. Surgery selection.
52. Malignant transformation of gastric ulcer. Clinical manifestations, diagnostics, treatment. Surgery selection.
53. Post-resection (dumping) syndromes. Pathogenesis, clinical manifestations, diagnostics, treatment.
54. Disorders after vagotomy. Pathogenesis, clinical manifestations, diagnostics, treatment.
55. Crohn's disease: clinical manifestations, diagnostics, differential diagnosis, principles of treatment.
56. Complications of Crohn's disease and tactics of treatment.
57. Ulcerative colitis: clinical manifestations, diagnostics, differential diagnosis, principles of treatment.
58. Complications of ulcerative colitis and tactics of treatment.
59. Diverticulosis of the colon: etiology, pathogenesis, clinical manifestations, diagnostics, tactics of treatment.
60. Complications of diverticulosis: clinical manifestations, diagnostics and tactics of treatment.
61. Colon polyps and polyposis syndromes. Clinical manifestations, diagnostics and tactics of treatment.
62. Bacterial and amebic liver abscesses. Clinical manifestations, diagnostics, treatment.
63. Hepatic cysts. Classification, clinical manifestations, diagnostics, treatment.
64. Echinococcosis and alveococcosis of liver. Clinical manifestations, diagnostics, complications, treatment.
65. Benign and malignant hepatic tumors. Clinical manifestations, diagnostics, treatment.
66. Portal hypertension: etiology, pathogenesis, clinical manifestations, diagnostics, tactics of treatment. Types of surgery.
67. Complications of portal hypertension. Pathogenesis, diagnostics, treatment.
68. General characteristics and classification of abdominal injuries.
69. Clinical manifestations of abdominal trauma.
70. Diagnostics of abdominal trauma.
71. Invasive diagnostics of blunt abdominal trauma. Indications. Technique.
72. Surgical tactics and principles of surgery in abdominal injuries.
73. Injuries of parenchymatous organs of the abdominal cavity. Tactics of treatment.
74. Injuries of hollow organs of the abdominal cavity. Tactics of treatment.

75. Etiology, pathogenesis and classification of peritonitis.
76. Clinical manifestations of general peritonitis.
77. Diagnostic methods of peritonitis.
78. Main principles of peritonitis treatment. Detoxification methods.
79. Preoperative preparation in peritonitis. Principles of surgical treatment.
80. Postoperative peritonitis. Causes, characteristics, tactics of treatment.
81. Laparostomy and programmed relaparotomy in treatment of peritonitis. Indications.
82. Limited peritonitis (subhepatic, subdiaphragmatic abscess, abscess of Douglas pouch, interintestinal abscess): causes, clinical manifestations, diagnostics, treatment.
83. Pseudoabdominal syndrome. Causes, clinical manifestations, tactics of treatment.
84. Features of surgical clinical course in patients with diabetes. Tactics of treatment.
85. Diabetic foot. Pathogenesis, classification, clinical presentation, treatment.

Associate professor

A.A.Prizentsov