

**REMOTE STUDY (NOT WORK)**  
**For 6 year students at 2019-2020 academic year.**

1	Appendicitis.
2	Hernias of abdominal wall and its complications.
3	Gallbladder and bile ducts diseases
4	Diseases of pancreas
5	Complications of gastroduodenal ulcers
6	Gastrointestinal bleeding
7	Bowel obstruction
8	Peritonitis
9	Differential diagnosis of acute surgical abdominal pathology
10	Colorectal surgical pathology
11	Surgical complications of diabetes
12	Surgery of lungs, pleura, mediastinum
13	Surgical treatment of parasitic diseases

1.	<p><b><u>Appendicitis.</u></b>  Definition, classification, syndromes, clinical picture, diagnosis of appendicitis. Differential diagnosis of acute appendicitis. Clinical picture and diagnosis of appendicitis in children, the elderly, pregnant women. Clinical picture of acute appendicitis under different location of the appendix. Classification of complications of appendicitis causes. The clinical picture, diagnosis and treatment of complications of acute appendicitis their prevention. Periappendiceal mass, diagnosis, differential diagnosis, treatment.</p>
2.	<p><b><u>Hernia. Complications of abdominal wall hernias.</u></b>  Definition, anatomy, causes, pathogenesis, classification of abdominal wall hernias. The clinical picture, diagnosis and treatment of uncomplicated hernias. Irreducible hernia: definition, clinical presentation, diagnosis, treatment. Postoperative hernia: causes, clinical picture, diagnosis, treatment. Causes of recurrent hernias. Preventing the formation of hernias. Complications of hernia (infringement, abscess, intestinal obstruction): clinical presentation, diagnosis, treatment. Principles of surgery.</p>
3.	<p><b><u>Gallbladder and bile ducts diseases.</u></b>  Anatomy, physiology, pathology, methods of diagnosis of the hepatobiliary system. Clinical forms of gallstone disease, diagnosis, complications, treatment. Acute cholecystitis: etiology, pathogenesis, classification, clinical picture, diagnosis, differential diagnosis, treatment. Classification of complications of acute cholecystitis, pathogenesis, clinical presentation, diagnosis, specific research methods, differential diagnosis. Tactics of treatment of complicated forms of acute and chronic cholecystitis. The concept of postcholecystectomy syndrome, classification, tactics, treatment. Obstructive jaundice: etiology, clinical presentation, diagnosis, differential diagnosis, treatment.</p>
4.	<p><b><u>Diseases of pancreas.</u></b>  Definition, classification of acute pancreatitis, etiology, pathogenesis, clinical picture, diagnosis, differential diagnosis. Basics of patients with acute necrotizing pancreatitis. Complications of acute pancreatitis, the principles of diagnosis and differential diagnosis. Difficulties and errors in diagnosis and treatment of complications of acute pancreatitis. Features of the surgical procedures and deadlines in the development of complications of acute pancreatitis. Features of the postoperative period. Classification of chronic pancreatitis, etiology, pathogenesis, clinical forms, diagnosis, differential diagnosis, treatment (conservative and surgical), outcomes. Cysts, pancreatic fistula, difficulties and errors in diagnosis and treatment.</p>
5.	<p><b><u>Complications of gastroduodenal ulcers.</u></b>  Perforated ulcer: definition, pathogenesis, clinical picture. Algorithm for the diagnosis of patients with suspected perforated ulcer, a differential diagnosis. Types of operations for perforated ulcers of the stomach and duodenum. Atypical perforation of gastroduodenal ulcers: clinical features, diagnosis. Etiology of pyloroduodenal stenosis: definition, classification, pathogenesis, clinical picture, depending on the stage of the disease. Methods of examination of patients with peptic ulcer pyloroduodenal stenosis etiology. The principles of conservative treatment. Indications for surgical intervention. A bleeding ulcer. Pathological anatomy and pathogenesis of gastroduodenal bleeding in ulcers. The clinical picture of gastroduodenal</p>

	bleeding. Classification of gastroduodenal ulcer bleeding. Methods of diagnosis of bleeding and estimate the amount of blood loss. Treatment: principles of conservative therapy, endoscopic hemostasis, indications for surgical treatment. Penetrating and callous ulcers. The definition, etiology, pathogenesis penetration of ulcers of stomach and duodenum. Clinical picture of penetration. Methods of diagnosis. Callous ulcer: clinical presentation, diagnosis, treatment.
6.	<b><u>Gastrointestinal bleeding.</u></b> Etiology, mechanisms of pathogenesis, clinical features with gastrointestinal bleeding of different localization. The early and late signs of bleeding. Differential diagnosis of bleeding from the upper and lower GIT. The principles of conservative treatment, indications for surgery, types of surgical interventions. Principles of blood transfusion complications.
7.	<b><u>Bowel obstruction.</u></b> Determination of intestinal obstruction. Classification, etiology, pathogenesis of various forms of intestinal obstruction, pathological changes. The clinical picture, diagnosis, differential diagnosis and dynamic mechanical intestinal obstruction. The value of the diagnostic and treatment complex at intestinal obstruction. Modern approaches to the treatment of intestinal obstruction, consequences, prevention of complications. Difficulties and error diagnosis and treatment.
8.	<b><u>Peritonitis.</u></b> Determination, anatomical and physiological information, etiology, pathogenesis of peritonitis. Classification. Syndromic diagnosis and differential diagnosis of peritonitis. Modern principles of treatment. Preoperative preparation. Main tasks and stages of surgical intervention. The principles of antibacterial therapy of peritonitis. Features of the postoperative period. Abscesses abdominal cloths: causes, clinical picture, diagnosis, treatment. Specific peritonitis.
9.	<b><u>Differential diagnosis of acute surgical abdominal pathology.</u></b>
10.	<b><u>Colorectal surgical pathology.</u></b> Ulcerative colitis and granulomatous: etiopathogenesis, pathological anatomy, clinical picture, differential diagnosis, complications, treatment strategy, indications and types of operations, outlook. Colon polyps, polyposis syndromes, pseudopolyps: diagnostics, tactics, treatment. Diverticulosis of the colon. Hemorrhoids: etiopathogenesis, clinical picture, diagnosis, complications, conservative and operative treatment. An anal fissure, rectal prolapse, pilonidal sinuses: clinical features, diagnosis, treatment.
11.	<b><u>Surgical complications of diabetes.</u></b> Features of surgical pathology in patients with diabetes. Classification, etiology, pathogenesis, clinical presentation, diagnosis of diabetic foot syndrome. Principles of rational treatment of patients with diabetic foot syndrome. Indications and approaches to revascularization of the limb. Features of the postoperative period. Prevention of necrotizing lesions of the foot.
12.	<b><u>Surgery of lungs, pleura, mediastinum.</u></b> Acute and chronic suppurative lung and pleura (abscesses, gangrene, bronchiectasis, festering cyst, empyema): etiology, pathogenesis, clinical features, diagnosis and differential diagnosis, treatment. Spontaneous pneumothorax: etiology, pathogenesis, clinical presentation, diagnosis and differential diagnosis, treatment. Benign tumors and cysts of lungs: classification, etiology, pathogenesis, clinical presentation, diagnosis, treatment. Mediastinitis: etiology, pathogenesis, clinical presentation, diagnosis, treatment. Benign tumors and cysts of the mediastinum: classification, etiology, pathogenesis, clinical presentation, diagnosis, treatment.
13.	<b><u>Surgical treatment of parasitic diseases.</u></b> Amoebiasis: clinical presentation, diagnosis, treatment, indications for surgical treatment. Hydatid disease: clinical presentation, diagnosis, treatment, indications for surgery, types of operations. Alveococcosis: clinical presentation, diagnosis, treatment, indications for surgery, types of operations. Opisthorchiasis: clinical presentation, diagnosis, treatment, indications for surgery, types of operations. Ascariasis: clinical presentation, diagnosis, treatment, indications for surgery, types of operations.

The head of department of surgical diseases № 1  
with course of cardiovascular surgery

\_\_\_\_\_ A.A. Lyzиков