

**PRACTICAL CLASS TOPICS  
FOR THE 6<sup>TH</sup> YEAR STUDENTS OF THE FACULTY OF FOREIGN  
STUDENTS 2018-2019 STUDY YEAR**

1. Appendicitis. Definition, classification, syndromes, clinics, diagnostics. Differential diagnostics of acute appendicitis. Peculiarities of clinical manifestations and diagnostics of the pathology in children, old and pregnant persons. Peculiarities of clinics of acute appendicitis in different localization of appendix. Classification of complications of appendicitis, their reasons. Clinics, diagnostics and management of complications of acute appendicitis, their prevention. Appendicular infiltrate (mass).
2. Hernias. Complications of abdominal hernias. Definition, anatomy, reasons, pathogenesis, classification. Clinics, diagnostics and management of noncomplicated hernias. Irreducible hernias. Postoperative hernias. Reasons of hernia recurrence. Prevention of herniation (hernia formation). Complications of hernias (constriction, inflammation, coprostasis).
3. The diseases of gallbladder and bile ducts. Clinical forms of cholelithiasis. Complications of acute cholecystitis. The definition of postcholecystectomy syndrome. Syndrome of cholestasis. Classification and differential diagnostics of jaundices.
4. The diseases of pancreas. Acute pancreatitis. Basic principle of management of patients with acute necrotic pancreatitis. Complications of acute pancreatitis. Chronic pancreatitis.
5. Complications of gastroduodenal ulcers: perforation, pyloroduodenal stenosis, bleeding ulcers, penetrated and callous ulcer.  
Gastro-intestinal bleedings. Etiology, pathogenic mechanisms of the gastro-intestinal bleedings. Peculiarities of clinical manifestations in patients with gastro-intestinal bleedings of different localization. Principles of conservative treatment, indications for operations, variants of surgical operations.
6. Bowel obstruction. Definition, classification, etiology, pathogenesis, of different forms of bowel obstruction, pathomorphological changes, clinics, diagnostics, differential diagnostics of mechanical and dynamic bowel obstruction, the modern approaches in management, its results, prevention of complications. Difficulties and errors in diagnostics and treatment.
7. Peritonitis: Definition, anatomico-physiological data, etiology, pathogenesis of peritonitis. Classification, differential diagnostics of peritonitis, contemporary principles of management of patients with peritonitis. Localized peritonitis. Clinical peculiarities of specific peritonitis.  
Differential diagnostics of the acute abdominal pathology. Damages and diseases of the front abdominal wall and retroperitoneal space. Diseases of the abdominal organs. Damages and diseases of the thorax, diaphragm and organs of the thoracic cavity. Urological diseases. Damages and diseases of the brain. Psychoneurological diseases. Damages and diseases of the vertebra and spinal cord. Infectious diseases. Endocrinology diseases. Diseases of the blood system.
8. Diseases of arteries and veins. Chronic arterial insufficiency. Obliterative atheromatous disease, obliterative thrombangitis. Acute disorders of the peripheral blood flow. Varicose vein disease of legs. Phlebothrombosis. Trophic crural ulcers.
9. Diseases of the mammary gland. Anatomy, physiology of the mammary gland. Classification of the diseases. Dysfunctional diseases of the mammary gland. Mastitis.
10. Surgery of esophagus. Spontaneous rupture of gullet. Functional esophageal diseases. Esophageal diverticula. Chemical burns of gullet. Cicatricial esophageal structures.

11. Surgery of lungs and pleura. Acute and chronic purulent diseases of lungs. Acute and chronic empyema pleura. Spontaneous pneumothorax. Benign tumors and cysts of lungs. Surgical approaches and peculiarities of surgical operative technique on thoracic organs. Lung transplantation.
12. Surgery of mediastinum. Topographic anatomy. Special methods of investigations of mediastinal organs. Mediastinitis. Benign tumors and cysts of mediastinum. Surgical approaches and peculiarities of surgical operative technique of mediastinal pathology.
13. Diabetes mellitus in surgery. Peculiarities of surgical pathology in patients with diabetes mellitus. Syndrome of diabetic foot.  
Surgical treatment of parasitogenic diseases: amebiasis, echinococcosis, alveococcosis, opisthorchiasis, ascaridiasis.