



BDI 8.5.2
Questions for international students
5th year of study Medicine 2 Faculty

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STATE UNIVERSITY OF MEDECINE AND FARMACEUTICS
„NICOLAE TESTEMIȚANU”

«APPROVED»

Vice-Rector for quality assurance and educational integration,
Doctor Habilitatus in Medicine, Professor

_____ **OLGA CERNEȚCHI**

_____ ” _____ ” **2018**

The QUESTIONS
for the EXAM "SURGICAL DISEASES" PROMOTION at MEDICINE 2 FACULTY
6TH YEAR of dtudy 2018-2019 ACADEMIC YEAR
(English version)

Head of Surgical Departament №2,
Doctor Habilitatus in Medicine,
Associate Professor

_____ **VLADIMIR CAZACOV**

Chișinău, 2018



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1. Diseases of the thyroid gland. Notions of Anatomy and physiology. Classification. The clinical and paraclinical exploration of thyreopathies.
2. Nodular goiter. The etiology. Classification. Epidemiology. Pathology. Positive and differential diagnosis. Indications for surgical treatment.
3. Endemic and sporadic goiter. The etiology. Classification. Epidemiology. Notion of endemic area. Pathology. Positive and differential diagnosis. Medical and surgical treatment.
4. Basedow-Graves Disease. The etiology. Classification. Pathology. The clinical picture. Positive and differential diagnosis. Preoperative preparation. Surgical treatment. Peculiarities of postsurgical care.
5. Chronic thyroiditis Hashimoto. Chronic thyroiditis Riedel. The etiology. The clinical picture. Positive and differential diagnosis. Medical treatment. Indications for surgical treatment.
6. Early and late postoperative complications in surgery of thyreopathies. Clinical manifestations. Treatment. Prophylaxis.
7. Surgical anatomy of the mediastinum. Paraclinical investigation methods of the patients with mediastinal diseases.
8. Mediastinal cysts. The etiology and pathogenesis. Notions of anatomy and physiology. Classification. Symptomatology. Positive and differential diagnosis. Complications. Surgical treatment.
9. Tumors of the mediastinum. The etiology and pathogenesis. Pathological anatomy. Classification. Symptomatology. Complications. Positive and differential diagnosis. Surgical and combined treatment.
10. Acute mediastinitis. The etiology and pathogenesis. Classification. Symptomatology. Positive and differential diagnosis. Surgical treatment.
11. Esophageal syndrome. Notions of anatomy and physiology. Clinical manifestations. Paraclinical investigations in diseases of the esophagus.
12. Gastroesophageal reflux disease. The etiology and pathogenesis. Classification. Symptomatology. Positive diagnosis. Surgical treatment. Barrett's esophagus - notion, symptoms, diagnosis, treatment.
13. Achalasia of the esophagus. The etiology and pathogenesis. Classification. The clinical picture. Positive and differential diagnosis. Conservative and surgical treatment.

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14. Diverticulas of the esophagus. The etiology and pathogenesis. Classification. The clinical picture. Complications. Positive and differential diagnosis. Conservative and surgical treatment.
15. Caustic esophagitis. The etiology and pathogenesis. Pathological anatomy. Classification. Positive diagnosis. Medical first aid. Conservative treatment. Indications for early bouging dilatation. Emergency surgical treatment.
16. Congenital heart defects. The etiology and pathogenesis. Classification (patent ductus arteriosus, septal defects). The clinical picture. Positive and differential diagnosis. Surgical treatment.
17. Methods of investigation of patients with surgical cardio-vascular pathologies.
18. Tetralogy of Fallot. The etiology and pathogenesis. Classification. The clinical picture. Positive and differential diagnosis. Surgical methods of treatment. Palliative care and total correction surgeries.
19. Coarctation of the aorta. The etiology and pathogenesis. Classification. Clinical picture. Positive diagnosis. Methods of surgical treatment.
20. Ischemic heart disease. The etiology and pathogenesis. Classification. The clinical picture. Positive diagnosis. Surgical treatment. Postoperative complications.
21. Postinfarction aneurysms of the heart. The etiology and pathogenesis. Classification. The clinical picture. Positive and differential diagnosis. Surgical treatment.
22. Atherosclerotic lesions of the branches of the abdominal aorta. Syndrome of chronic entero-mesenteric ischemia. The clinical picture. Positive and differential diagnosis. Methods of surgical treatment.
23. Aortic aneurysms. The etiology and pathogenesis. Classification. Clinical syndromes. Positive and differential diagnosis. Methods of contemporary surgical treatment. Complications.
24. Leriche's syndrome. The etiology and pathogenesis. Classification. The clinical picture. Positive diagnosis. Methods of contemporary surgical treatment. Expertise of patient's work capacity.
25. Peripheral atherosclerosis obliterans. The etiology and pathogenesis. Classification. Clinical manifestations of the disease after stages. Positive diagnosis. Conservative and surgical treatment. Expertise of patient's work capacity.
26. Thrombangitis obliterans (Winiwarer - Buerger disease). The etiology and pathogenesis. Classification. The clinical picture. Positive and differential diagnosis. Conservative and surgical treatment. Prophylaxis. Expertise of patient's work capacity.
27. Entero-mesenteric infarction. Etiopathogenesis. Classification. Symptomatology. Paraclinical



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diagnosis. Surgical treatment. Complications.

28. Surgical pleuro-pulmonary affections. Notions of anatomy and physiology. Classification. Symptomatology. Contemporary methods of diagnostic.
29. Lung abscess. Etiopathogenesis. Pathological anatomy. Classification. Symptomatology. Complications. Positive and differential diagnosis. Surgical treatment.
30. Bronchiectasis. The etiology and pathogenesis. Pathological anatomy. Classification. Symptomatology. Complications. Positive and differential diagnosis. Conservative and surgical treatment.
31. Hydatid cyst of the lungs. The etiology and pathogenesis. Classification. Pathological anatomy. Symptomatology. Complications. Positive and differential diagnosis. Treatment.
32. Acute nonspecific purulent pleurisy. The etiology and pathogenesis. Classification. Pathological anatomy. Symptomatology. Complications. Positive and differential diagnosis. Conservative and surgical treatment.
33. Chronic nonspecific purulent pleurisy. The etiology and pathogenesis. Classification. Pathological anatomy. Symptomatology. Complications. Positive and differential diagnosis. Conservative and surgical treatment.
34. Diaphragmatic hernias. The etiology and pathogenesis. Classification. Bochdalec, Larrey, retrosternal (Morgagni) and post-traumatic diaphragmatic hernias. The clinical picture. Positive and differential diagnosis. Surgical treatment.
35. Hiatal hernias. The etiology and pathogenesis. Classification. The clinical picture. Complications. Positive and differential diagnosis. Surgical treatment.
36. Pathology of the operated stomach (postgastrectomy syndromes). The etiology and pathogenesis. Classification. Peptic ulcer of gastrojejunal anastomosis. Positive diagnosis. Treatment.
37. Pathology of the operated stomach (postgastrectomy syndromes). The etiology and pathogenesis. Classification. Peptic ulcer of the jejunum. Gastro-jejuno-colic fistula. Positive diagnosis. Complications. Surgical treatment.
38. Dumping syndrome. The etiology and pathogenesis. Classification. The clinical picture. Positive diagnosis. Conservative and surgical treatment.
39. Afferent loop syndrome. The etiology and pathogenesis. Classification. The clinical picture. Positive and differential diagnosis. Conservative and surgical treatment.



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40. Postvagotomy syndromes: gastroesophageal and biliary reflux, gastric atony. The etiology and pathogenesis. The clinical picture. Positive diagnosis. Treatment.
41. Postvagotomy syndromes: recurrent peptic ulcer, tardive dysphagia, biliary lithiasis, diarrhea. The etiology and pathogenesis. Positive diagnosis. Conservative and surgical treatment.
42. Mechanical jaundice. The classification of jaundice. Bilirubin metabolism. The formation and excretion of bile. Notion and types of cholestasis.
43. Mechanical jaundice of benign genesis. The etiology and pathogenesis. Classification. The clinical picture. The diagnosis. Contemporary surgical and miniinvasive treatment.
44. Mechanical jaundice of malign genesis. The etiology and pathogenesis. Classification. The clinical picture. Positive and differential diagnosis. Contemporary surgical and miniinvasive treatment.
45. Cholangitis. Notion. The etiology and pathogenesis. Classification. The clinical picture. Positive diagnosis. Preoperative preparation. Surgical treatment (including miniinvasive methods).
46. Postcholecystectomy syndrome. The etiology and pathogenesis. Classification. Long cystic duct stump, remnant gallbladder, coledocolitiasis, strictures of the bile ducts, stenosis of the major duodenal papilla. The clinical picture. Surgical treatment.
47. Postcholecystectomy syndrome. The clinical picture. Contemporary diagnosis and treatment. Causes of unsatisfactory results that generate postcholecystectomy syndrome.
48. Postcholecystectomy syndrome. The principles of surgical treatment of various pathological states of postcholecystectomy syndrome. Indications and methods of external drainage of bile ducts.
49. Megacholedochus. The etiology and pathogenesis. Classification. Contemporary treatment.
50. Surgical diseases of the liver. Notions of anatomy and physiology. Classification of surgical pathology of the liver. Contemporary diagnostic methods.
51. Hepatic abscess. The etiology and pathogenesis. Classification. The clinical picture. Positive and differential diagnosis. The main used methods of treatment (antibiotherapy, percutaneous drainage, surgical treatment). Indications.
52. Hepatic parasitoses. Hydatid cyst and hepatic alveolar echinococcosis. The characteristic of the parasite. Development cycle. Clinical-morphological peculiarities. Positive and differential diagnosis. Complications.
53. Non-parasitic hepatic cysts. The etiology and pathogenesis. Classification. The clinical picture.



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Positive and differential diagnosis. Methods of traditional surgical and minimally invasive laparoscopic treatment. Complications..

54. Portal hypertension. Anatomical-physiological peculiarities of the porto-caval system. Classification. Symptomatology. The methods of paraclinical exploration of patients with portal hypertension.
55. Portal hypertension. Clinical and evolutional peculiarities depending on the level of the portal block. Positive and differential diagnosis. Paraclinical exploration methods.
56. Variceal digestive bleeding. The etiology and pathogenesis. The clinical picture. Positive and differential diagnosis. Conservative, endoscopic and surgical treatment.
57. Chronic pancreatitis. The etiology and pathogenesis. Classification. Clinical picture. Complications. Positive and differential diagnosis.
58. Treatment of chronic pancreatitis. Principles of conservative treatment. Indications for surgical treatment. Preoperative preparation. Types of surgical interventions.
59. Pancreatic cysts and pseudocysts. Notion. The etiology and pathogenesis. Classification. Periods of pancreatic pseudocyst's wall formation. The clinical picture. Positive and differential diagnosis. Surgical treatment.
60. Hypersplenism. The etiology and pathogenesis. Classification. Symptomatology. Positive diagnosis. Surgical treatment.
61. Chronic megacolon. Hirschprung's disease. The etiology and pathogenesis. The clinical picture. Positive and differential diagnosis. Surgical treatment.
62. Non-specific ulcerative colitis. The etiology and pathogenesis. Classification. The clinical picture. Positive and differential diagnosis. Complications. Conservative and surgical treatment.
63. Dolichocolon. The etiology and pathogenesis. Classification. The clinical picture. Positive diagnosis. Treatment.
64. Colonic diverticulosis. The etiology and pathogenesis. Classification. The clinical picture. Positive diagnosis. Complications. Surgical treatment.
65. Crohn's Disease. The etiology and pathogenesis. Classification. The clinical picture. Positive and differential diagnosis. Complications. Surgical treatment.
66. Small and large intestines polyposis. The etiology and pathogenesis. Classification. The clinical picture. Positive and differential diagnosis. Complications. Surgical treatment.



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67. Acute lower digestive bleeding. The etiology and pathogenesis. Classification. The clinical picture. Positive diagnosis. Surgical treatment. Methods of endoscopic hemostasis and surgical treatment.
68. Fistulas of the colon and small intestine. The etiology and pathogenesis. Classification. The clinical picture. Positive diagnosis. Principles of conservative and surgical treatment of intestinal fistulas.
69. Hemorrhoids. The etiology and pathogenesis. Classification. The clinical picture. Complications. Positive and differential diagnosis. Conservative and surgical treatment.
70. Acute paraproctitis. The etiology and pathogenesis. Classification. The clinical picture. Positive diagnosis. Surgical treatment.
71. Chronic paraproctitis (anal fistulas). The etiology and pathogenesis. Classification. The clinical picture. Positive diagnosis. Conservative and surgical treatment.
72. Peritonitis. Abdominal abscesses. The etiology and pathogenesis. Classification. The clinical picture. Positive diagnosis. Preoperative preparation. Surgical treatment.

**Chief of Studies,
Surgical departament №2,
Medecine's Doctor, associated professor**

ALEXANDRU ILIADI