

**MINISTRY OF HEALTHCARE OF UKRAINE**  
**Ukrainian Medical Stomatological Academy**

**"Approved"**  
at the meeting of internal  
medicine №1 department  
**Head of Department**  
Docent Maslova H. S.

  
Protocol № 18 from 22.04.2019

**EXAM QUESTIONS TO SEMESTER FINAL EXAMINATION**

**Module 1. The Basics of internal medicine**  
**(gastroenterology, pulmonology, hematology)**

1. Acute lymphoblastic leukemia. Classification, diagnostic criteria and principles of the treatment.
2. Acute lymphoblastic leukemia: diagnostic criteria, principles of the treatment.
3. Acute lymphoblastic leukemia: definition, etiological factors, pathogenesis, diagnostic criteria and treatment.
4. Aplastic anemia: definition, etiologic factors, pathogenesis, peculiarities of clinical features, diagnostics, differential diagnosis, treatment and complications.
5. Autoimmune hepatitis: etiology, pathogenesis, diagnostic criteria and principles of treatment.
6. Basic clinical and biochemical syndromes in hepatic disorders.
7. Basic principles of diagnostics and treatment of HP-negative stomach and duodenal ulcers. Tactics of patients management.
8. Biochemical indexes of iron metabolism in blood serum. Classification and clinical features, treatment principles of iron deficiency anemia.
9. Changes of instrumental and laboratory data and their peculiarities according to the form (dry, exudative) and etiology of pleurisy. Differential diagnosis of pleurisy.
10. Chronic alcoholic hepatitis: pathogenesis, diagnostic criteria and treatment.
11. Chronic lymphocytic leukemia: diagnostic criteria, classification, treatment.
12. Classification and treatment of chronic gastritis. Indications and contraindications to sanatorium-resort treatment.
13. Classification of anemias. Mechanisms of intracellular and intravascular hemolysis. Diagnostic abilities of Coombs test.
14. Classification, diagnostics, differential diagnosis and principles of treatment of Chron's disease. Indications to the surgery.
15. Classification, laboratory and instrumental diagnostic methods of chronic lymphocytic leukemia. The principles of treatment.
16. Classification, peculiarities of stomach and duodenal ulcer disease clinical progress. The modern approaches to the treatment.
17. Clinical features, diagnostics and treatment of lung gangrene.
18. Clinical signs and diagnostic of bronchiectasis.
19. Definition of chronic myeloid leukemia. Etiology, pathogenesis, classification, diagnostics.

**20.** Definition of major respiratory diseases (dyspnea, asthma, cough, chest pain). Methods of external breathe investigation.

**21.** Definition, classification, diagnostic criteria and treatment of chronic obstructive pulmonary disease.

**22.** Definition, etiology and pathogenesis of celiac disease. The role of food components intolerance, enzyme pathology and immune factors. The syndromes of malabsorption and maldigestion.

**23.** Definition, etiology and pathogenesis of chronic gastritis. The role of H. pylori in development of gastroduodenal diseases. Eradication therapy according to Maastricht V (2016).

**24.** Definition, etiology, pathogenesis and classification of irritable bowel syndrome (IBS). The treatment of IBS with diarrhea.

**25.** Definition, etiology, pathogenesis and peculiarities of clinical features, treatment of cholelithiasis.

**26.** Definition, etiology, pathogenesis, classification and diagnostic criteria of Chron's disease.

**27.** Definition, etiology, pathogenesis, classification and modern approaches to the treatment of gastric dyspepsia.

**28.** Definition, etiology, pathogenesis, classification and treatment of chronic acalculous cholecystitis.

**29.** Definition, etiology, pathogenesis, classification and treatment of functional biliary disorders according to Rome criteria IV (2016).

**30.** Definition, etiology, pathogenesis, classification and treatment principles of liver cirrhosis. The role of viral infection, nutritive factors, alcohol, toxic substances and immunological disturbances.

**31.** Definition, etiology, pathogenesis, classification of gastroesophageal reflux disease. The role of gastroesophageal reflux in development of esophagitis and Barret's esophagus.

**32.** Definition, etiology, pathogenesis, classification, diagnostic criteria of nonspecific ulcerative colitis.

**33.** Definition, etiology, pathogenesis, clinical features, diagnostics and treatment of bronchiectasis disease.

**34.** Definition, etiology, pathogenesis, peculiarities of clinical features, diagnostic criteria and treatment of B<sub>12</sub>-deficiency anemia.

**35.** Definition, etiology, peculiarities of pathogenesis and classification of bronchial asthma.

36. Definition, pathogenesis, diagnostics and treatment of non-alcoholic fatty liver disease.
37. Definition, etiology, pathogenesis and classification of chronic obstructive lung disease. The role of smoking, ecology, professional factors and infection.
38. Definitions of major gastroenterological symptoms (hepatomegaly, ascites, jaundice, diarrhea, constipation). Methods of investigation of patients with gastroenterological pathology (gastric pH-monitoring, upper endoscopy).
39. Diagnostic abilities of bronchoscopy and bronchography: indications, contraindications, possible complications.
40. Diagnostic criteria of multiple myeloma. Peculiarities of clinical features and treatment principles.
41. Diagnostic criteria, classification and modern principles to the treatment of non-hospital (community-acquired) pneumonia.
42. Diagnostic criteria, classification, differential diagnosis, treatment of chronic pancreatitis.
43. Diagnostic criteria, differential diagnosis and treatment of exudative pleurisy.
44. Diagnostic criteria, differential diagnosis, treatment and complications of B<sub>12</sub>-deficiency anemia. Primary and secondary prevention.
45. Diagnostic criteria, differential diagnosis, treatment and prevention of acquired hemolytic anemias
46. Diagnostic criteria, treatment tactics, prevention of pulmonary deficiency. Prognosis, work capacity.
47. Diagnostic criteria, treatment, treatment and prevention of iron-deficiency anemia.
48. Diagnostic, differential diagnosis and complications of lung deficiency.
49. Differential diagnosis and complications of hemophilia. Treatment of different hemophilia types. Prevention of hemorrhages.
50. Differential diagnosis and treatment of bronchial asthma.
51. Differential diagnosis, complications and treatment of iron-deficiency anemia. Biochemical indexes of iron metabolism in blood serum.
52. Differential diagnosis, complications and treatment principles of multiple myeloma.
53. Differential diagnosis, treatment and complications of acquired hemolytic anemia.
54. Differential diagnosis, treatment and complications of aplastic anemia.

- 55.** Differential diagnosis, treatment and complications of chronic obstructive pulmonary disease. Primary and secondary prevention.
- 56.** Differential diagnosis, treatment and complications of chronic obstructive pulmonary disease. Primary and secondary prevention.
- 57.** Erosive and non-erosive gastroesophageal reflux disease (GERD). Clinical features, diagnostic and treatment according to the type and stage of GERD.
- 58.** Functional methods of external breath investigation. Diagnostic abilities of peakfluometry (Peak Flow) and spirometry.
- 59.** Hospital-acquired pneumonia: principles of diagnostic, treatment, complications. Primary and secondary prevention.
- 60.** Idiopathic thrombocytopenic purpura: peculiarities of clinical signs, laboratory and instrumental methods of diagnostic, treatment.
- 61.** Invasive and non-invasive methods of detecting *H. pylori* infection and other infectious causes: advantages and disadvantages. Anti HP therapy according to Maastricht consensus V (2016).
- 62.** Iron deficiency anemia: pathogenesis, clinical features, diagnostic criteria, treatment and prevention.
- 63.** Methods of physical examination and investigation of external respiration in patients with pulmonary pathology.
- 64.** Modern methods of hospital-acquired pneumonia treatment. Primary and secondary prevention.
- 65.** Multiple myeloma. Clinical features, diagnostic criteria and principles of the treatment.
- 66.** Pleurisy: clinical manifestation, indications and technique of pleural puncture and pleural cavity drainage.
- 67.** Posthemorrhage anemia. Etiological factors and pathogenesis. Peculiarities of clinical signs and laboratory diagnostic.
- 68.** Real polycythemia. Classification. Basic clinical signs, clinical and hematological syndromes.
- 69.** Substantiation of blood components and blood substitutes transfusions prescription.
- 70.** The modern methods of diagnostics and treatment of non-hospital (community-acquired) pneumonia. Primary and secondary prevention.
- 71.** The Rome criteria IV (2016) of functional intestinal disorders: diagnostics and clinical signs of different irritable bowel syndrome (IBS) types. The principles of IBS with obstipation treatment.

72. The treatment of pleurisy and pleural exudates. Indications to the pleural puncture and pleural cavity drainage.

73. Treatment tactic, classification, primary and secondary prevention of pulmonary deficiency. Prognosis and capacity for work.

74. Uninvestigated dyspepsia, differential diagnosis and treatment.

75. Urgent care in acute bronchial asthma exacerbation.

Head of Department

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Ph.D. Docent Maslova H. S.

scientific degree. academic rank