



Approved:
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INTERNAL MEDICINE EXAM SYLLABUS – ENGLISH DENTAL STUDENTS

Part I Main internal diseases

1. Acute and chronic bronchitis. Emphysema. COPD.
2. Bronchial asthma
3. Pneumonia.
4. Tuberculosis.
5. Lung cancer.
6. Pulmonary embolism.
7. Acute and chronic heart failure.
8. Circulatory collapse. Shock
9. Hypertension.
10. Ischemic heart disease. Unstable and stable angina. Acute coronary syndromes.
11. Rheumatism. Endocarditis. Myocarditis. Pericarditis.
12. Gastro-esophageal reflux disease (GERD); gastritis. Stomach and Duodenal Ulcers; Gastric cancer.
13. Enteritis and colitis. Colorectal cancer
14. Main symptoms and syndromes in liver diseases- Jaundice, portal hypertension, ascites, hepatic encephalopathy and coma.
15. Acute and chronic hepatitis.
16. Cirrhosis.
17. Cholelithiasis. Complications. Pancreatitis, pancreatic cancers.
18. Anemias. Agranulocytosis
19. Acute and chronic leukemias.
20. Haemorrhagic diathesis.
21. Renal failure.
22. Acute and chronic glomerulonephritis.
23. Acute and chronic pyelonephritis.
24. Nephrolithiasis.
25. Hyperthyroidism. Hypothyroidism.
26. Diabetes mellitus.
27. Autoimmune connective tissue disorders

Part II

1. Anamnesis. General condition of the patient.
2. Complete Blood Count. White Blood Cell Differential. Clinical interpretation of deviations
3. Blood Enzyme Tests. Clinical interpretation of deviations
4. Electrolytes. Clinical interpretation of deviations
5. Lipoprotein panel. Clinical interpretation of deviations

6. Coagulation. Clinical interpretation of deviations
7. Total protein, albumin, bilirubin, urea and creatinine. Clinical interpretation of the deviations
8. Urine. Clinical interpretation of deviations
9. Arterial blood gas (ABG) test - parameters and reference ranges. Clinical interpretation of the deviations
10. Blood sugar - normal values, clinical interpretation of the events. Urine test in patients with diabetes mellitus.
11. Functional and instrumental methods of examination of the respiratory system.
12. ECG. Functional and instrumental methods of examination of the heart
13. Instrumental methods of examination the alimentary tract.
14. Urinary system - instrumental methods of examination.

Part III

1. Management of acute asthma.
2. Management of acute cardiac asthma.
3. Management of acute coronary syndrome.
4. Management of hypertensive crises
5. Management of Arrhythmias and conduction disorders.
6. Management of sudden cardiac death.
7. Surgical dental procedures in patients with rheumatic valvular diseases
8. Surgical dental procedures in patients with hemorrhagic diathesis or on anticoagulant and antiplatelet therapy.
9. Dental treatment of patients with diabetes mellitus.
10. Management of hypoglycemia. Differential diagnosis between ketoacidosis and hypoglycemic coma.
11. Surgical dental procedures in patients with malignant blood diseases.
12. Dental treatment of patients with hepatitis and cirrhosis
13. Management of renal and biliary colic
14. Management of allergic reaction - anaphylactic shock, nettle rash, Quincke's edema

The exam includes one question from each part

Head of Department
(Assoc. prof. Dr. V. Pencheva, MD)

