Exam program for 4th year students General Medicine Faculty
(English Medium)

Cardiology


5. Aortic insufficiency: aehiology, haemodynamics and clinical manifestations at different stages of compensation. Peculiarities of objective signs in valves
affection, caused by rheumatic fever, syphilis and endocarditis. ECG.
Differential diagnosis. Treatment.

Differential diagnosis. Treatment and prevention.

Treatment of rheumatic myocarditis. Chronic rheumatic heart disease.


Classification of lipid-lowering drugs.

Treatment of stable and unstable angina (with drugs doses).


15. Paroxysmal tachycardias: classification, clinical picture, treatment methods. Antidrome and retrodrome tachycardias in WPW. Treatment (with doses) Peculiarities of tachycardias treatment in WPW.


17. WPW-syndrome: pathophysiology, ECG-diagnosis, clinical manifestations.


20. Congestive heart failure: aethiology, pathogenesis, clinical manifestations. Heart failure with systolic and diastolic function impairment. Treatment. Role of different drug groups (ACE inhibitors, beta-blockers, glycosides,
diuretics etc) in treatment. Indications and contraindications; doses. Surgical treatment: indications, contraindications, main principles.

**Pulmonology**


4. Pneumonia in patients with immune deficiency and ventilator-associated pneumonia.

5. SARS. Epidemiology, clinical manifestations. Diagnostic and treatment approaches.


COPD and asthma. Treatment approaches in COPD: key items. Basic treatment in different COPD stages. Treatment of patients with different severity degrees of COPD in exacerbation and remission (drugs, doses).


**Gastroenterology**


Nephrology. Amyloidosis.

Amyloidosis

1. Amyloidosis: definition, classifications. Amyloid precursors


5. Main pathogenetic and clinical features of AS, AE and AH-amyloidosis.

7. Major and local forms of amyloidosis: clinical manifestations, prognosis.

**Nephrology.**


3. Chronic glomerulonephritis: definition, pathogenesis, main clinical syndromes. Exacerbation and remission criteria.


5. Idiopathic mesangioproliferative glomerulonephritis: definition, aethiology and pathogenesis peculiarities; morphology, clinical syndromes and course type. Treatment. Differential diagnosis of glomerulonephritis and plan of patient’s investigations.

6. Membranoproliferative glomerulonephritis. definitions, aethiology and pathogenesis peculiarities; morphology, clinical syndromes and course type.
Treatment. Differential diagnosis of glomerulonephritis and plan of patient’s investigations.


**Haematology**

1. Fe deficiency anaemia. Aetiology, pathogenesis, clinical course, laboratory and instrumental investigations. Treatment.


**Endocrinology**


4. Diabetus mellitus type II. Aethiology, pathogenesis. Diagnosis criteria, clinical features, treatment approaches.

5. Diabetus mellitus type I. Aethiology, pathogenesis. Diagnosis criteria, clinical features, treatment approaches.