DISEASES OF RESPIRATORY SYSTEM

1. Differential diagnosis and treatment guidelines of the syndrome of bronchial obstruction

Differential diagnosis between different types of bronchial obstruction: an asthmatic, allergic, autoimmune, infectious, inflammatory, obstructive, dyskinetic, emphysematic, hemodynamic, humoral-endocrine, neurogenic and others. Role of spirometry, blood gas studies and exhaled air, bronchoscopy. Principles of treatment of asthma and chronic obstructive pulmonary disease. 7 hours.


4. Interstitial and purulent lung diseases.


DISEASES OF CARDIOVASCULAR SYSTEM

1. Chronic forms of ischemic heart disease: differential diagnostics, medical tactics

insufficiency. Stress tests with physical and drug load. Noninvasive diagnosis of CHD. Indications for routine and diagnostic coronary angiography. 7 hours.

2. **Acute coronary syndrome with/without ST segment elevation. Atypical forms of myocardial infarction.**


3. **Differential diagnosis and modern principles of treatment of arterial hypertension**


4. **Differential diagnosis and differential treatment of cardiac arrhythmias and impairment of conduction**


5. **Differential diagnosis of pain in the chest**

   Possible causes of the chest pain. Pathology of myocardium, pericardium, manifested by pain in the heart. Chest pain associated with the pathology of the pleura, lung, spine. Differential diagnosis of pain in the chest. 7 hours.

6. **Differential diagnosis and treatment of the diseases of endocardium and myocardium**


7. **Differentiated approach to the treatment of chronic heart failure**

DISEASES OF THE DIGESTIVE SYSTEM


2. Differential diagnosis and treatment of chronic hepatitis and liver cirrhosis


3. Differential diagnosis and differential treatment of jaundice and hepatosplenomegaly


4. Differential diagnosis and treatment of diseases of the pancreas

Diagnosis and differential diagnosis of chronic pancreatitis. Screening program of patients. Main directions of conservative treatment: pain relief, compensation exocrine insufficiency, correction of nutritional status. 7 hours.

5. Diagnosis and differential diagnosis of inflammatory bowel diseases


DISEASES OF THE JOINTS AND CONNECTIVE TISSUE


The features and mechanism of action of nonsteroidal antiinflammatory drugs (NSAIDs). The classification and effect of NSAIDs. NSAID interaction with other drugs. Side effects of NSAID: gastropathy, the risk of cardiovascular complications. Mechanism of action of corticosteroids,


2. Differential diagnosis and treatment of spondyloarthritis. Arthritis associated with infection: diagnosis, differentiated therapy, erythema nodosum


Differential diagnosis and treatment of osteoporosis


4. Differential diagnosis of systemic connective tissue diseases and systemic vasculitis.

Vasculitis. Principles of treatment of systemic connective tissue diseases and systemic vasculitis


The goal of therapy of systemic connective tissue diseases. Differentiated approach depending on disease activity, organ failure. Purpose and stages of therapy of systemic vasculitis. The main groups of drugs used for the treatment of systemic connective tissue diseases, vasculitis: indications, contraindications, side effects, interactions with other drugs, the duration of therapy. Plasmapheresis. The concept of synchronous intensive therapy. Symptomatic therapy of systemic connective tissue diseases and vasculitis. 7 hours.

DISEASES OF THE KIDNEYS AND URINARY TRACT


DISEASES OF THE BLOOD SYSTEM

1. Differential diagnosis of the anemia syndrome, anemia treatment guidelines
