

## Topic plan 3 course (1 part)

### **Theme I.**

Methods of examination for the patients with respiratory pathology. (Inquiry.

General examination. Inspection. Palpation of the chest - a technique, kinds)

### **Theme II.**

Percussion of the lungs. A character of sounds, a technique, kinds. Auscultation of the lungs

### **Theme III.**

Main clinical syndromes (syndrome of focal consolidation of pulmonary tissue, cavity in the lung, fluid and air accumulation in the cavity, external respiratory dysfunction)

### **Theme IV.**

Pneumonia – aetiology, pathogenesis, clinical picture, course, treatment. Practical training.

### **Theme V.**

Acute and chronic bronchitis – aetiology, pathogenesis, clinical picture, course, treatment. Bronchial asthma, aetiology, pathogenesis, clinical picture, course, treatment. Clinical picture and first aid at attack of bronchial asthma. Practical training.

### **Theme VI.**

The final session of the topic «Examination of the respiratory system».

### **Theme VII.**

Observations for the patients with diseases of cardiovascular system. (Inquiry.

General examination. Inspection).

### **Theme VIII.**

Palpation of the radial pulse, precordium (a technique, kinds). Feeling the pulse. Measurement of blood pressure. Percussion of the heart (cardiac dullness and the vascular bundle). A character of sounds, a technique, kinds.

### **Theme IX.**

Auscultation of the heart sounds.

### **Theme X.**

The concept of rheumatic fever, chronic rheumatic disease of the heart: aetiology, pathogenesis, clinical picture, course, treatment. Heart valvular diseases – mitral incompetence, haemodynamics, clinical picture. Practical training. Heart valvular diseases: aortic incompetence, haemodynamics, clinical picture. Practical training.

### **Theme XI.**

Intrinsic myocardial disease (myocarditis, cardiomyopathies, cardiosclerosis) –aetiology, pathogenesis, clinical picture, course, treatment. Arrhythmias, changes on the ECG.

### **Theme XII.**

Arterial hypertension syndrom.

### **Theme XIII.**

Atherosclerosis. Ischemic heart disease (angina pectoris, myocardial infarction) – aetiology, pathogenesis, clinical picture, course, treatment, changes on the ECG. Circulatory insufficiency.

### **Theme XIV.**

The final session of the topic «Examination of the cardiovascular system».

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