

**TIMETABLE of the  
practical classes “Phthisiopulmonology”  
for the 6<sup>th</sup> year students of Medical Faculty of Foreign Students  
2021- 2022yrs**

**Day 1**

Training in occupational safety, infectious control and fire instruction.

**Differential diagnosis of pulmonary tuberculosis and other lung diseases:** basic principles.

**Nontuberculous mycobacterial infections:** epidemiology, pathogenesis, pathomorphology, clinical manifestation, diagnosis, treatment, outcome of treatment and prognosis.

**Sarcoidosis (respiratory system):** epidemiology, pathogenesis, pathomorphology, classification, clinical manifestation, diagnosis, treatment, outcome of treatment and prognosis.

**Differential diagnosis of primary pulmonary TB:** hilar and paratracheal lymphadenopathy (lung sarcoidosis, Hodgkin’s disease, non Hodgkin’s lymphoma, lung cancer, benign tumors of mediastinum, retrosternal goiter); primary TB complex (pneumonia).

*Decision of situational problems.*

*Work with the teacher in the department.*

*X-ray picture analysis.*

**Day 2**

**Differential diagnosis of pulmonary disseminations:** miliary and disseminated pulmonary tuberculosis, acute bilateral small focal pneumonia, carcinomatosis, pulmonary sarcoidosis, silicosis, congestion in the lungs, alveolitis,

**Differential diagnosis of tuberculous meningitis,** bacterial meningitis, viral meningitis and other.

*Decision of situation problems.*

*Work with the teacher in the department.*

*X-ray picture analysis.*

**Day 3**

**Differential diagnosis of infiltrative-pneumonic changes in the lungs:** infiltrative pulmonary tuberculosis, caseous pneumonia, community-acquired pneumonia, health care associated pneumonia, allergic pneumonia and acute lung abscess, central lung cancer, pulmonary infarction.

*Decision of situation problems.*

*Work with the teacher in the department.*

*X-ray picture analysis.*

#### **Day 4**

**Differential diagnosis of round formations in the lungs:** focal tuberculosis, peripheral lung cancer, benign tumors in the lung, hydatid cyst, aspergilloma, pneumonia.

*Decision of situation problems.*

*Work with the teacher in the department.*

*X-ray picture analysis.*

#### **Day 5**

**Differential diagnosis of lung cavity:** cavernous and fibro-cavernous tuberculosis, chronic lung abscess, single and multiple cysts in the lungs, cancer.

**Differential diagnosis of pleural effusions:** pneumonic, tumor, tuberculosis, post-traumatic, systemic connective tissue disorders, pulmonary embolism.

*Decision of situation problems.*

*Work with the teacher in the department.*

*X-ray picture analysis.*

#### **Day 6**

**Infection control in health care settings** (tuberculosis transmission, administrative control, classification of risk zones, the engineering control - objectives, methods, personal respiratory protection. Respiratory protection equipment classification and requirements.

**Social and low aspects in the treatment of TB.**

**Palliative treatment** of patients with tuberculosis (indications, methods).

**Tuberculosis treatment and management.**

Outpatient TB department and its methods of TB prevention and control. Anti-TB work of health care organization.

**The modern strategy of TB prevention and control.** National TB control strategy «Tuberculosis» in Belarus. WHO TB prevention and control.

International Union Against Tuberculosis and nonprofit organizations and their role in fight against TB. The “To Stop TB” Strategy and Tuberculosis Elimination Strategy.

#### **Credit**

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E.N.

