

**Thematic plan of seminar-type classes
in discipline " phthiziatry "
for students of 2021 year of entrance of the educational program
of the specialty 31.05.01 General medicine,
(specialist's level)
full time form of study
for the 2025-2026 academic year**

№	Thematic blocks	Практическая подготовка в рамках ТБ	Hours (academic)
1.	Basic questions of phthiziatry ¹ . Epidemiology of tuberculosis. Basic epidemiological indicators. Causative agent of tuberculosis. ² Pathogenesis and pathomorphology of tuberculosis. Structure of tubercular granuloma ² .	-	4
	Modern methods to decrease mortality rate of population due to tuberculosis	-	2
2.	Methods of clinical investigation tuberculosis patients ¹ . Clinical picture of pulmonary tuberculosis. Value of anamnesis in diagnostic tuberculosis. Physical examination of tuberculosis patients. ² Bacteriological diagnostics, detection of drug resistance. Laboratory diagnostics. ² Tuberculin diagnostic. Kinds of tuberculin. Mantoux test, Indications, contraindications, technique, evaluation of results. Diaskintest. Indications, contraindications, technique, evaluation of results Modern serological methods of diagnostic (Quantiferon test and T-spot). ²	-	6
3.	Visual and radiological diagnostic methods. ¹ . Radiological methods and their using in tuberculosis diagnosis ² Technical characteristics of chest X-ray. Radiological syndromes in pulmonary tuberculosis. Scheme of description lung pathology at chest X-ray in tuberculosis. ² Invasive methods of diagnostic tuberculosis. ²	-	6
4.	Classification of tuberculosis. Primary tuberculosis. Clinical forms ¹ Classification of tuberculosis. Tubercular intoxication of children and adolescence. Clinical picture, diagnosis, differential diagnosis and outcomes. ² Tuberculosis of intrathoracic lymph nodes tuberculosis. Clinical picture, diagnosis, differential diagnosis and outcomes. ² Primary tuberculosis complex. Clinical picture, diagnosis, differential diagnosis and outcomes. ²	ПИ	6
5.	Disseminated pulmonary tuberculosis and military tuberculosis. ¹ Acute disseminated pulmonary tuberculosis. Clinical picture, diagnosis, differential diagnosis, military tuberculosis. ² Disseminated pulmonary tuberculosis and military tuberculosis. ¹ . Subacute and chronic disseminated pulmonary tuberculosis. Clinical picture, diagnosis, differential diagnosis ²	ПИ	6

6.	Secondary tuberculosis, clinical forms. ¹ Secondary tuberculosis, clinical forms. Features of pathogenesis and diagnostics. Focal tuberculosis. Clinical picture, diagnosis, differential diagnosis and outcomes. ² Infiltrative pulmonary tuberculosis. Clinical picture, diagnosis, differential diagnosis and outcomes. Caseous pneumonia. Clinical picture, diagnosis, differential diagnosis and outcomes. ² Lung tuberculoma. Clinical picture, diagnosis, differential diagnosis and outcomes. ²	PII	6
7.	Chronic forms of tuberculosis ¹ . Clinical forms. Features of pathogenesis and diagnostics and outcomes. Cavernous tuberculosis. Clinical picture, diagnosis, differential diagnosis and outcomes. ² Fibrous-cavernous tuberculosis. Clinical picture, diagnosis, differential diagnosis and outcomes. ² Cirrhotic tuberculosis. Clinical picture, diagnosis, differential diagnosis and outcomes. ²	PII	6
8.	Basic complications of pulmonary tuberculosis ¹ . Hemorrhagic complications (hemoptysis and pulmonary hemorrhage). Tuberculosis of upper respiratory tract. Pathogenesis, Clinical picture, diagnosis, differential diagnosis and outcomes. ² Pleurisy tubercular etiology. Tubercular empyema. Clinical picture, diagnosis, differential diagnosis and outcomes. ² Spontaneous pneumothorax. Clinical picture, diagnosis, medical help before hospitalization and in hospital condition. ²	PII	6
9.	Tuberculosis treatment ¹ . Basic methods and principles of tuberculosis treatment. Standard regimes of chemotherapy. Classification of antituberculosis medications. Side effects on antituberculosis medications, methods of it's relieving and prophylaxis ² Pathogenetic therapy. Collapsotherapy. Surgical treatment of pulmonary tuberculosis. ² Sanatorium treatment. Indications. Contraindications. Types of climatic zones, sanatorium. ²	-	4
	Modern methods to decrease mortality rate of population due to tuberculosis	-	2
10.	Organization of antituberculosis service in Russia ¹ Antituberculosis dispensary. Structure and main tasks. Dispensary groups. ² Organization of antituberculosis service in Russia. ¹ Organization of early revealing tuberculosis in children, teenagers and adults. Groups risk for developing tuberculosis. Diagnostics of tuberculosis in general clinics. ² Organization of antituberculosis service in Russia. ¹ Organization of early revealing tuberculosis in children, teenagers and adults. Groups risk for developing tuberculosis. Diagnostics of tuberculosis in general clinics. ²	-	6
11.	Sarcoidosis. Clinics, diagnostic, treatment. Mycobacteriosis. Clinics, diagnostic, treatment	-	6
12.	Evaluation of practical skills.	-	6
	Total		72

¹ - Subject

² - essential content

Considered at the meeting of the department of phthiziopulmonology «30» May 2025, protocol No 11

Head of the Department



Olga Nikolaevna Barkanova