

FEDERAL STATE EDUCATIONAL INSTITUTION OF HIGHER EDUCATION
"NORTH OSSETIAN STATE MEDICAL ACADEMY" OF THE MINISTRY OF HEALTH OF
THE RUSSIAN FEDERATION.

ANNOTATION OF THE DISCIPLINE WORKING PROGRAM

"PHYSIATRIA"

The main professional educational program of higher professional education is the specialty program in the specialty 31.05.01 "General Medicine", approved on April 17, 2024

Full-time education

Term of mastering the OPOP VO: 6 years.

Department: Phthisiopulmonology.

1. The purpose of the discipline: the student's assimilation of knowledge in the field of phthisiology, as well as the principles of treatment and prevention of tuberculosis.
2. The discipline belongs to the compulsory part of block 1 of the Federal State Educational Standard of Higher Education in the specialty "General Medicine".
3. Requirements for the results of mastering the discipline:

The teaching of this discipline is based on the following types of professional activity:

- medical
- research

The process of studying the discipline is aimed at the formation and development of competencies: OPK-1, OPK-4, OPK-5, OPK-7.

As a result of studying the discipline, the student must.

- Able to implement moral and legal norms, ethical and deontological principles in professional activities (GPC-1).
- Ability to use medical devices provided for by the procedure for the provision of medical care, as well as to conduct patient examinations in order to establish a diagnosis (GPC-4)
- Able to assess morphofunctional, physiological states and pathological processes in the human body to solve professional problems (GPC-5).
- Able to prescribe treatment and monitor its effectiveness and safety (OPK-7).

Know:

- Ethical and deontological features of medical practice in phthisiology, necessary for working with patients with tuberculosis and their relatives;
- Methods for early and timely detection of tuberculosis in children, adolescents, adults.
- Composition and properties of tuberculin.

- Indications and technique of setting the Mantoux test with 2 TE PPD-Criteria for assessing the response to the Mantoux test with 2TE PPD-L.
- Features of collecting anamnesis, physical examination of patients with tuberculosis.
- Clinical manifestations of the main conditions that threaten the life of a patient with tuberculosis.
- Indications for hospitalization of patients with tuberculosis.
- Clinical, radiological and laboratory manifestations in various localizations of a specific process
- pathological conditions, symptoms, syndromes of diseases similar to tuberculosis of pulmonary and extrapulmonary localization, nosological forms in accordance with the International Statistical Classification of Diseases.
- Methods of treatment of patients with tuberculosis. the mechanism of action of the main groups of drugs. Medical indications and contraindications for their use; complications caused by their use.

Be able to:

- Apply ethical and deontological principles in professional activities.
- Find, evaluate and describe pathological changes detected by radiation methods of research in patients with tuberculosis.
- Determine the indications and evaluate the result of the Mantoux skin-allergic test with 2 TE PPD-L.
- Determine indications and contraindications for anti-tuberculosis vaccination and revaccination.
- Assess the course of the vaccination reaction with intradermal administration of BCG vaccine.
- Determine the indications for chemoprophylaxis of tuberculosis
- Organize the work of honey. personnel in the focus of tuberculosis infection.
- Interpret the data of clinical, X-ray, laboratory studies of patients with tuberculosis and diagnose various localizations of the tuberculosis process
- To be able to assess the severity of the condition of a patient with tuberculosis, to apply the necessary measures to remove patients from this condition, to determine the volume and sequence of therapeutic measures; to carry out urgent and resuscitation measures.
- Be able to carry out the differential diagnosis of infectious and post-vaccination allergies.
- To be able to carry out differential diagnosis of tuberculosis with other diseases.
- Draw up a plan of examination and treatment of various forms of tuberculosis. Formulate indications for the chosen methods of treatment, taking into account etiologic and pathogenetic agents, determine the route of administration, regimen and dose of drugs.

Own:

- Ethical and deontological aspects of medical practice.
- Interpret the result of the reaction to the Mantoux test with 2 TE PPD-L.
- The ability to assess the fluorogram when conducting a mass population survey.

- Skills to conduct a clinical examination
- Skills in determining the need for research methods (laboratory, radiological, radiation, functional).
- Skills in determining the indications for hospitalization and organizing it.
- Skills of obtaining biomaterial for bacteriological and cytological research.
- Determination and differentiation in patients of a pathological condition, symptoms, syndromes of diseases similar to tuberculosis of pulmonary and extrapulmonary localization, nosological forms in accordance with the International Statistical Classification of Diseases
- Skills in the assessment of cytological and bacteriological examination of sputum.

4. General labor intensity of the discipline:

The total workload of the course is 4 credit units (144 hours).

5. Semester: 11.

6. Type of intermediate certification: exam.

7. The main sections of the discipline:

1. Theoretical foundations of phthisiology.
2. Tuberculosis of the respiratory system in adults.
3. Tuberculosis in combination with other diseases.
4. Treatment of patients with tuberculosis.
5. Extrapulmonary tuberculosis.
6. The main organizations of anti-tuberculosis care.

Author:

Head Department of Phthisiopulmonology,
Assoc. Professor



O.B. Basieva