**Department/ Chair:** Department of Pneumo- Phthisiology

**Program/Course title:** Pneumo-Phthisiology

**Study level:** University

**Program/Course duration:**

IV year students Medicine Faculty – 40 hours
V year students Public Health – 70 hours
IV year students Dentistry Faculty – 14 hours

Program/Course goal: Study of epidemiology, morphological changes, pathogenesis in the respiratory tuberculosis in children and adults; Study of the detection methods, clinical manifestations, differential diagnosis, treatment notions, prevention of tuberculosis, levels of an effective control program of TB infection; roles and responsibilities in the TB prevention and control in public health.

**Students’ abilities at the end of the program/course:**

**At the level of knowledge and understanding**

- To define the theoretical basis of the respiratory tuberculosis at the contemporary level;
- To identify the peculiarities of the primary tuberculosis in children, adolescents and adults;
- To establish the diagnosis, evolution of different forms of pulmonary and extrarespiratory tuberculosis;
- To define the principles of pulmonary tuberculosis detection and evolution (limited and extensive forms);
- To report on the etiopathogenesis, clinical diagnosis, treatment and prevention principles of different form of tuberculosis; Reporting on etiopathogenesis, clinical diagnosis, principles of treatment and prevention of various forms of tuberculosis;
- To identify the complications of the primary and secondary tuberculosis of the respiratory organs and also in generalized forms.

**At the application level**

- Data collection of case history and the assessment of risk factors that contribute to the development of tuberculosis;
- To apply physical methods for the diagnosis of both the respiratory tract and other organ system;
- To collect the data of the paraclinical examination;
- To learn the application method of Pr. Mantoux 2UT and assessment of the results;
- To assimilate the radiological syndromes of the pulmonary pathology, specific for tuberculosis;
- To establish the diagnosis of the real tuberculosis form and to effectuate the treatment plan;
- To determine the prognosis of the disease evolution;
- To perform the differential diagnosis of tuberculosis with other respiratory pathologies

**At the level of integration**

- To assess the importance of pneumo-phthisiology in the context of the General Medicines and integration with the related medical disciplines;
- To assess the early signs of the pulmonary and extrarespiratory tuberculosis in patients who go to family doctors and therapists;
- To use the optimal investigation methods to detect persons with tuberculosis, prevention and treatment
- To take optimal decisions in emergency aid in critical situations;
- To formulate the ethical and deontological principles in medical assistance of patients with tuberculosis;
- To elaborate research projects in the pneumo-phthisiology domain.

Program/Course language(s): RO/RU/EN

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Department/ Chair: Department of Pneumo- Phthisiology

Program/Course title: Phthisiology

Study level: Residency

Program/Course duration: 3 years

Program/Course goal: Study of epidemiology, morphological changes, pathogenesis in the respiratory tuberculosis in children and adults; Study of the detection methods, clinical manifestations, differential diagnosis, treatment notions, prevention of tuberculosis, levels of an effective control program of TB infection; roles and responsibilities in the TB prevention and control in public health.

Students' abilities at the end of the program/course:

At the level of knowledge and understanding

- To define the theoretical basis of the respiratory tuberculosis at the contemporary level;
- To identify the peculiarities of the primary tuberculosis in children, adolescents and adults;
- To establish the diagnosis, evolution of different forms of pulmonary and extrapulmonary tuberculosis;
- To define the principles of pulmonary tuberculosis detection and evolution (limited and extensive forms);
- To report on the etiopathogenesis, clinical diagnosis, treatment and prevention principles of different forms of tuberculosis; Reporting on etiopathogenesis, clinical diagnosis, principles of treatment and prevention of various forms of tuberculosis;
- To identify the complications of the primary and secondary tuberculosis of the respiratory organs and also in generalized forms.

At the application level

- Data collection of case history and the assessment of risk factors that contribute to the development of tuberculosis;
- To apply physical methods for the diagnosis of both the respiratory tract and other organ system;
- To collect the data of the paraclinical examination;
- To learn the application method of Pr. Mantoux 2UT and assessment of the results;
- To assimilate the radiological syndromes of the pulmonary pathology, specific for tuberculosis;
- To establish the diagnosis of the real tuberculosis form and to efectuate the treatment plan;
- To determine the prognosis of the disease evolution;
- To perform the differential diagnosis of tuberculosis with other respiratory pathologies

At the level of integration

- To assess the importance of pneumo-phthisiology in the context of the General Medicines and integration with the related medical disciplines;
- To assess the early signs of the pulmonary and extrapulmonary tuberculosis in patients who go to family doctors and therapists;
- To use the optimal investigation methods to detect persons with tuberculosis, prevention and treatment
- To take optimal decisions in emergency aid in critical situations;
- To formulate the ethical and deontological principles in medical assistance of patients with tuberculosis;
- To elaborate research projects in the pneumo-phthisiology domain.
**Program/Course language(s):** RO/RU/EN

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