

**THEMATIC PLAN OF LECTURES**  
**for "Occupational diseases" cycle**  
**for the 5th year students of the Faculty of training for foreign countries**  
**9 semester**

- 1. Introduction to the clinic of occupational diseases. Professional pathology as a clinical discipline. Organization of occupational pathology service in the Republic of Belarus.**
  - 1.1. Introduction to the clinic of occupational diseases.
  - 1.2. The history of occupational pathology.
  - 1.3. Prevalence of occupational diseases.
  - 1.4. Main committees and strategy for safety and health.
  - 1.5. Definition of Occupational Pathology, its main objectives.
  - 1.6. Classification of occupational diseases.
  - 1.7. General criteria for identification and recognition of OD.
  - 1.8. The ILO List of Occupational Diseases.
  - 1.9. Management of Occupational Diseases in Republic of Belarus.
  
- 2. Main regulatory documents of the Republic of Belarus about Professional Pathology. Occupational diseases from exposure to industrial dust. Pneumoconioses.**
  - 2.1. Classification of industrial dust.
  - 2.2. Pneumoconioses: definition, epidemiology, pathogenesis, types of pneumoconioses.
  - 2.3. Main symptoms, principles of diagnosis, general treatment.
  - 2.4. Asbestosis.
  - 2.5. Silicosis.
  - 2.6. Limitation of work-related exposure to dusts.
  
- 3. Coal worker pneumoconiosis: definition, clinics, diagnostics, treatment. Chronic dust bronchitis. Chronic occupational obstructive pulmonary disease.**
  - 3.1. Chronic dust bronchitis: definition, clinics, diagnostics, treatment.
  - 3.2. Chronic occupational obstructive pulmonary disease (COPD): clinics, diagnostics, treatment.
  - 3.3. GOLD-2018.
  
- 4. Exogenous allergic alveolitis and occupational bronchial asthma.**
  - 4.1. Occupational exogenous alveolitis (OEA) or hypersensitivity pneumonitis (HP): etiology, pathogenesis, pathology, etiological classification of OEA
  - 4.2. Clinical presentation, diagnosis, treatment, working capacity examination.
  - 4.3. Occupational bronchial asthma: etiology, pathogenesis, pathology, classification.

4.4. Clinical presentation, diagnosis, treatment.

4.5. GINA-2019.

**5. Occupational diseases from exposure to physical factors.**

5.1. Vibration disease (VD): definition, types of vibration, classification of VD.

5.2. Pathogenesis, clinical syndromes, stages of VD.

5.3. Diagnostics, treatment, prophylaxis of VD.

5.4. Sensorineural hearing loss (HL): definition, pathogenesis, classification, clinics, diagnostics, treatment.

5.5. Decompression sickness: definition, pathogenesis, clinical syndromes, diagnostics, treatment, prophylaxis.

**6. Occupational intoxication.**

6.1. General questions of occupational intoxication (absorption, excretion, difference between acute toxicity and chronic toxicity, principles of treatment).

6.2. Occupational intoxication with carbon monoxide.

6.3. Occupational intoxication with lead.

6.4. Occupational intoxication with benzol.

6.5. Occupational intoxication with mercury.