

Thematic lesson plan of lectures in the discipline " Occupational diseases" for students of the educational program specialist degree in the specialty/direction of training 31.05.01 General Medicine, direction (profile) General Medicine, for the 2023-2024 academic year

№	Topics of lectures	Hours (academic)
1.	Occupational pathology as a clinical discipline. Examination of the connection of the disease with the profession. Occupational diseases caused by exposure to physical factors. ¹ Conditions of occurrence and causes of occupational diseases. Criteria for the diagnosis of occupational diseases. Issues of expertise, prevention of occupational diseases. Chronic occupational radiation sickness. Diseases caused by exposure to electromagnetic fields of radio frequencies. ²	2
2.	Vibration disease. Noise sickness. ¹ Vibration disease (definition, classification, pathogenesis). Clinic, diagnosis, differential diagnosis, treatment. Examination of working capacity. Prevention. The concept of noise sickness. Etiopathogenesis, clinic, diagnosis of noise disease. Treatment, prevention, labor expertise. ²	2
3.	Pneumoconioses. ¹ Definition and general characteristics. Classification. Silicosis. Asbestosis. Etiology. Pathogenesis. Clinic. Diagnostics. Complications. Treatment. Prevention. Medico-social expertise, sanatorium-resort treatment and rehabilitation of patients. ²	2
4.	Occupational bronchial asthma. ¹ Классификация, патогенез, клиническая картина, диагностика. Classification, pathogenesis, clinical picture, diagnosis. Treatment of asthma in accordance with clinical guidelines. Work ability examination. ²	2
5.	Chronic obstructive pulmonary disease of occupational etiology. ¹ Pathogenesis, the importance of unfavorable production factors in the development and course of COPD. Classification, clinical picture. Diagnosis, the value of spirometry. Differential diagnosis of bronchial asthma and COPD. Treatment of COPD according to clinical guidelines. ²	2
6.	Diseases caused by exposure to chemical factors in the working environment. ¹ Chronic lead intoxication. Occupational pesticide intoxication. Occupational carbon monoxide poisoning. Clinic, diagnosis, treatment, prevention. ²	2
7.	Diseases caused by exposure to chemical factors in the working environment. ¹ Occupational mercury intoxication. Chronic carbon disulfide intoxication. Occupational manganese poisoning. Clinic, diagnosis, treatment, prevention. Work ability expertise. ²	2
8.	Diseases caused by exposure to biological factors. ¹ General characteristics of the main production biological factors. Viral hepatitis, respiratory tuberculosis, occupational erysipeloid, brucellosis, tick-borne encephalitis, tick-borne dermatoses, anthrax. ²	2
9.	Occupational cancers. ¹ Occupational oncological diseases of the respiratory system, abdominal organs. Occupational hemoblastoses. Occupational skin neoplasms. ²	2
10.	Occupational diseases of the musculoskeletal system. ¹ Chronic myofibrosis, occupational bursitis, deforming arthrosis, occupational dorsopathies. ²	2
	Total	20

¹ -Subject

² - essential content (if necessary)

Considered at the meeting of the department, protocol № 10 from 29.05.2023 г.

Head of the Department



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