

Assessment tools for certification 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

Interim certification is carried out in the form of a test with an assessment. Interim certification includes the following types of tasks: interview control questions.

List of interview questions

№	Questions for intermediate assessment	Verifiable indicators of competency achievement
1.	Definition of “occupational pathology”, “occupational diseases and intoxications”, “work production caused diseases and intoxications”. Levels of labour classifications.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ПК-2.1.1
2.	Preventative and periodical examination. Normative documents. Organization. Goals and targets. Role of occupational pathologist.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ПК-2.1.1
3.	Pneumoconioses. Definition, potentially dangerous professions, pathogenesis, classification. Principals of treatment. Prevention. Labour expertise.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
4.	Asbestosis Potentially dangerous professions and productions. Specificity of clinical signs, manifestation of disease, treatment. Prevention. Labour expertise.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
5.	Anthracosis. Potentially dangerous professions and productions. Specificity of clinical signs, manifestation of disease, treatment. Prevention. Labour expertise.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
6.	Occupational berilliosis. Potentially dangerous professions and productions. Pathogenesis. Clinical signs: symptoms of disease, complications, final resolution. Treatment. Labour recommendations.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
7.	Vibration disease. Definition. Potentially dangerous professions and productions. Etiology. Pathogenesis. Classification. Principals of treatment. Labour recommendations.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
8.	Vibration disease from an impact of local vibration. Clinical signs, manifestation of disease, diagnosis, treatment. Prevention. Labour expertise.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
9.	Vibration disease from impact of generalised source of vibration. Clinical signs, manifestation of disease, diagnosis, treatment. Prevention. Labour expertise.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
10	Vibration disease from an impact of combined sources of vibration. Clinical signs, manifestation of	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4,

	disease, diagnosis, treatment. Prevention. Labour expertise.	ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
11.	Noise sickness. Ethio-pathogenesis, clinical signs, diagnostics. Treatment, prevention, labour expertise.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
12.	Chronic occupational radiation disease. Definition of chronic occupational radiation disease. Pathogenesis, clinical signs, diagnosis, treatment. Labour expertise. Prevention.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
13.	Altitude sickness. Pathogenesis, clinical signs, diagnosis, treatment. Labour expertise. Prevention.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
14.	Decompression (kesson disease). Main pathogenesis, clinical signs, treatment, prevention, labour expertise.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
15.	Occupational bronchial asthma. Pathogenesis, clinical signs, diagnosis. Principles of treatment. Labour expertise.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
16.	Chronic occupational bronchitis. Etiology. Clinical signs, diagnosis. Treatment. Labour expertise. Prevention.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
17.	COPD of occupational etiology. Classification. Clinical signs. Diagnosis. Principles of treatment. Labour expertise.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
18.	Occupational diseases of musculoskeletal system. Chronic myofibroses, occupational bursitis, deforming arthrosis. Potentially dangerous productions and professions. Pathogenesis. Clinical signs, diagnosis, treatment. Prevention. Labour recommendations.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
19.	Compression mononeuropathies from functional excessive tension (tunnel neuropathies, mononeuropathies from compression), occupational dorsopathies. Potentially dangerous productions and professions. Pathogenesis. Clinical signs, diagnosis, treatment. Prevention. Labour recommendations	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
20.	Occupational lead poisoning. Pathogenesis of anaemia and abdominal syndrome. Clinical signs. Principles of treatment. Urgent care for acute lead intestinal pain. Prevention. Labour recommendations. Rehabilitation.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
21.	Chronic occupational lead poisoning. Damage of	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1,

	cardiovascular and nervous systems. Clinical manifestation and signs. Principles of treatment. Prevention. Labour recommendations.	ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
22.	Occupational poisoning of aromatic hydrocarbons – benzol and amido- and nitro compounds of benzol. Potentially dangerous productions and professions. Clinical signs, diagnosis, treatment. Prevention.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
23.	Acute occupational poisoning with carbon monoxide. Potentially dangerous productions and professions. Pathogenesis. Clinical signs, complications, final resolution. Urgent help and treatment. Prevention.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
24.	Chronic manganese poisoning. Potentially dangerous productions and professions. Etiology. Pathogenesis. Clinical signs: disease manifestation, complications, final resolution. Treatment. Labour expertise.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
25.	Chronic occupational mercury poisoning. Pathogenesis. Clinical signs and symptoms. Diagnostics. Treatment. Prevention. Labour recommendations.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
26.	Acute and chronic poisoning with carbon disulfide. Potentially dangerous productions and professions. Clinical signs. Diagnostics. Treatment. Prevention. Labour recommendations.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
27.	Acute and chronic poisoning with phosphorus-organic pesticides. Potentially dangerous productions and professions. Pathogenesis. Clinical signs, complications, final resolutions. Principles of treatment. Urgent care for acute poisoning. Prevention. Labour expertise.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
28.	Acute and chronic poisoning with mercury-organic pesticides. Potentially dangerous productions and professions. Pathogenesis. Clinical signs, complications, final resolutions. Urgent care for acute poisoning. Prevention. Labour recommendations.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
29.	Diseases caused by the impact of biological factors. Viral hepatitis. Potentially dangerous production and professions. Pathogenesis. Clinical signs, diagnosis, treatment. Prevention. Labour recommendations.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
30.	Diseases caused by the impact of biological factors. Tuberculosis of airways. Potentially dangerous productions and professions. Pathogenesis. Clinical signs, diagnosis, treatment. Prevention. Labour recommendations.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
31.	Occupational brucellosis. Potentially dangerous productions and professions. Pathogenesis. Clinical signs, diagnosis, treatment. Prevention. Labour	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4,

	recommendations.	ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
32.	Occupational tick-borne encephalitis. Potentially dangerous productions and professions. Pathogenesis. Clinical signs, diagnosis, treatment. Prevention. Labour recommendations.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
33.	Occupational anthrax. Potentially dangerous productions and professions. Pathogenesis. Clinical signs, diagnosis, treatment. Prevention. Labour recommendations.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
34.	Occupational cancerous diseases. Potentially dangerous productions and professions. Oncologic diseases of organs of airways. Oncologic diseases of organs of abdominal area. Clinical signs, diagnostics, treatment. Prevention.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
35.	Occupational cancerous diseases. Potentially dangerous productions and professions. Hemoblastoses. Oncologic diseases of skin. Clinical signs, diagnostics, treatment. Prevention.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
36.	Occupational diseases of skin. Contact chemical dermatitis. Allergic contact dermatitis. Clinical signs. Diagnostics. Labour expertise for occupational skin diseases. Prevention. Labour recommendations.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3
37.	Occupational skin diseases. Toxicodermia or toxic-allergic dermatitis. Photodermatitis. Oil folliculitis. Clinical signs. Diagnosis. Labour expertise for occupational skin diseases. Prevention.	ОПК-1.1.2, ОПК-4.1.3, ОПК-5.1.1, ОПК-7.1.2, ПК-1.1.2, ПК-1.1.3, ПК-1.1.4, ПК-2.1.1, ПК-2.1.4, ПК-2.1.8, ПК-2.1.9, ПК-3.1.1, ПК-3.1.3

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

Head of the Department



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