



INTERNATIONAL SCHOOL OF MEDICINE

SYLLABUS

Program:	General medicine
Qualification of the graduate:	General practitioner / Medical doctor
Year:	2022-2023
Semester:	8
Course duration:	18 weeks
Instructor/Assistant/Professor	Name: Tulenbaeva A.D.
Department:	Public Health
Day and Time for consultation:	
Classroom:	
e-mail:	moiapochta.2018@mail.ru
Course Title:	Professional diseases
Must/Elective:	
Credit/Hours:	2
Course Description:	<p>Occupational pathology is a branch of clinical medicine, which studies various aspects of occupational diseases caused by exposure of the working organism to various unfavorable factors of the industrial environment. Millions of people in our country are engaged in production: in industry, agriculture, transport etc.</p> <p>Health preservation of working population is recognized as a perspective direction of priority National Project "Health".</p> <p>The study of the basics of occupational pathology is important in the process of doctor's training and is included in the curriculum.</p>
Course Objectives:	Formation of knowledge on general issues of professional pathology, medical and social expertise and rehabilitation.
Prerequisites:	<ul style="list-style-type: none">- Anatomy- Normal and pathological physiology- Pharmacology- Propaedeutics of internal diseases

	<ul style="list-style-type: none"> □ Faculty therapy, surgery - hospital therapy - Dermatovenereology - Oncology, radiation therapy - General hygiene. - Occupational health
Post-requisites:	<ul style="list-style-type: none"> - Traumatology, orthopedics and emergency medicine. - Public health and healthcare. - Dermatovenereology. - Neurology and neurosurgery.
Learning Outcomes: (expected knowledge & ability at the end)	<p>The planned results of mastering the academic discipline "Occupational Diseases" are determined by the competencies acquired by the student, i.e. his ability to apply knowledge, skills and personal qualities in accordance with the goals of the educational program and the tasks of professional activity:</p> <p>PO5 - the ability to apply the basic principles of organization and management in the field of protecting the health of citizens in medical organizations and their structural divisions. (OK8, PK1, PK3, PK6, DPK-5)</p> <p>RO9 - the ability to apply knowledge of the forms and methods of health education for the implementation of preventive measures to prevent the development of diseases and maintain health (PC1, PC2, PC8, DPC-5)</p> <p>PO13 - the ability to collect and process medical and statistical data for the analysis of information on health indicators of the population with occupational diseases. (PC3, DPK5).</p>
Basic references:	<p>1. Professional diseases. 2nd edition / V.A. Kapustnik, I.F. Kostyuk. 2018.</p>
Supplementary Textbook and Materials:	<p>2. Textbook of Occupational Medicine Practice Hardcover /David Koh (Editor), Ken Takahashi (Editor). 2011.</p> <ul style="list-style-type: none"> - www.kyrlibnet.kg. - www.iprbookshop.ru.

	<ul style="list-style-type: none"> - www.consilium-medicum.com. - www.medportal.ru. - www.studmedlib.ru.
--	---

COURSE POLICY AND EVALUATION CRITERIA:

Type of control (current, milestone, final)	Control form	Assessment of learning outcomes
Attendance	For one missed lesson minus 2 points	20 points
Current control	Oral survey, written work	20 points
IWS+IWW	Performing assignments, work with literature	20 points
Milestone control (modul submission)	Testing, control tasks	40 points
Final control (differential test)	Conversation, examination (test.edu.kg)	100 points

Scale of correspondence between grades and scores on the final control (exam)	
Score	Grade
90-100	«excellent»
76-89	«good»
60-75	«satisfactory»
0-59	«unsatisfactory»

Course Plan	Lecture / Practice	Subject
1 week		Introduction. The subject of occupational diseases. Definition. Purpose and objectives of the subject. Classification .
2 week		
3 week		Pnevmoconis
4 week		
5 week		Chronic dust bronchitis. Occupational bronchial asthma.
6 week		
7 week		Vibration disease. Occupational hearing loss (cochlear neuritis)

8 week		
9 week		Diseases caused by exposure to laser radiation, infrasound, and ultrasound
10 week	<i>Modul 1 (Date)</i>	
11 week		Benzene intoxication. Intoxication with organochlorine compounds
12 week		
13 week		Diseases caused by the action of antibiotics
14 week		
15 week		Diseases of the musculoskeletal system
16 week		
17 week		Occupational disease of medical workers
18 week	<i>Modul 2 (Date)</i>	