



## INTERNATIONAL SCHOOL OF MEDICINE

### SYLLABUS

<b>Program:</b>	<b>Pulmonology</b>
<b>Qualification of the graduate:</b>	<b>General practitioner / Medical doctor</b>
<b>Year:</b>	<b>2022-2023</b>
<b>Semester:</b>	<b>6</b>
<b>Course duration:</b>	<b>9 weeks</b>
<b>Instructor/Assistant/Professor</b>	<b>Name: Bakaeva Saikal Bektursunovna</b>
<b>Department:</b>	<b>Therapy</b>
<b>Day and Time for consultation:</b>	<b>Every last Friday of month</b>
<b>Classroom:</b>	<b>East campus</b>
<b>e-mail:</b>	<b>saikuuw@gmail.com</b>
<b>Course Title:</b>	
<b>Must/Elective:</b>	<b>Must</b>
<b>Credit/Hours:</b>	<b>28 hours</b>
<b>Course Description:</b>	<p>Internal medicine is one of the leading disciplines that form the clinical thinking of students, laying a solid foundation for future professional activities. This discipline is mandatory for study at a medical university.</p> <p>Pulmonology is one of the main sections, the study of which lays down theoretical knowledge and practical skills in examining somatic patients with respiratory diseases.</p>
<b>Course Objectives:</b>	Internal diseases (Pulmonology) consist in mastering the professional medical skills of examination; tactics of diagnosis and individualized therapy; filling out medical documentation; methods of emergency care, rehabilitation of patients with respiratory diseases.
<b>Prerequisites:</b>	Normal anatomy, normal physiology, pathological physiology", basic and clinical pharmacology, propedtherapy".
<b>Post-requisites:</b>	Family medicine, outpatient therapy, occupational pathology"
<b>Learning Outcomes:</b> ( expected knowledge & ability at the end)	<p>Will know</p> <ul style="list-style-type: none"> <li>• anatomical-physiological, age-sex and individual features of the structure and development of a healthy and sick person;</li> <li>• concepts of etiology, pathogenesis, morphogenesis, pathomorphosis of a disease in an adult and a teenager, principles of classification of diseases; basic concepts of general nosology;</li> </ul> <p>Will understand</p>

	<ul style="list-style-type: none"> <li>• interpretation of the results of laboratory, instrumental diagnostic methods in patients;</li> </ul> <p>Will be able to use</p> <ul style="list-style-type: none"> <li>• an algorithm for making a preliminary diagnosis to patients with their subsequent referral for additional examination and to specialist doctors; algorithm for making a detailed clinical diagnosis.</li> </ul> <p>Will be able to exercise;</p> <ul style="list-style-type: none"> <li>• collection of anamnesis; conduct a survey of the patient and his relatives, conduct a physical examination of a patient of various ages (examination, palpation, auscultation, measurement of blood pressure, determination of the characteristics of the pulse, respiratory rate, etc.);</li> </ul> <p>Will be able to analyze;</p> <ul style="list-style-type: none"> <li>• the nature of the pathological process and its clinical manifestations, the principles of pathogenetic therapy of the most common diseases</li> </ul> <p>Will be able to synthesize;</p> <ul style="list-style-type: none"> <li>• methods of maintaining medical records and reports in medical institutions of the healthcare system</li> </ul> <p>Will be able to evaluate</p> <ul style="list-style-type: none"> <li>• interpretation of the results of laboratory, instrumental diagnostic methods in patients;</li> </ul>
Basic references:	<ol style="list-style-type: none"> <li>1. Anthony S.Fauci, Braunwald, Kasper, Longo, Jameson, Loscalzo Harissons Principles of Internal Medicine 2012, 17th Edition</li> <li>2. Graham Douglas &amp; Fiona Nicol Macleod's Clinical examination 13th Edition</li> <li>3. Stuart Ralston, Ian Penman, Mark Strachan, Richard Hobson Davidsons Principles &amp; Practice Of Medicine 23th Edition</li> <li>4. O.N. Kovalyova, S. Shapovalova – Vinnytsya Propaedeutics to Internal Medicine: Syndromes; textbook for English learning Students of higher medical schools; Part 2. Nova Knyha publishers, 2011. – 424 p.;</li> <li>5. Bates Guide to Physical Examination and History taking LWW, 11 ed, 2012</li> </ol>
Supplementary Textbook and Materials:	<p>Дополнительная литература:</p> <ol style="list-style-type: none"> <li>1. Elsevier «Clinical Examination. A Systematic Guide To Physical Diagnosis » Australia. 2014</li> <li>2. ABM Abdullah, MN Alam MRCP, "Long Cases in Clinical Medicine" First Edition: 2013.</li> <li>3. RAlagappan. Chennai, Tamil Nadu Manual of Practical Medicine" Fourth Edition. India.</li> </ol>

#### **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	Subject
1 week	Lecture	Topic 1. Bronchial asthma
2 week	Lecture	Topic 2. COPD
3 week	Lecture	Topic 3. Pneumonia
4 week	Lecture	Topic 4. Bronchoectasis
5 week	Lecture	Topic 5. Idiopathic fibrosing alveolitis.

Course Plan	Practice	Subject
1 week	Practice	Topic 1. Introduction. Characteristics of the main complaints, anamnesis of patients with pathology of the respiratory system. Peculiarities of examination and additional research methods in pulmonology. Principles of treatment and prevention of patients with diseases of the respiratory system
2 week	Practice	Topic 2. Bronchial asthma
3 week	Practice	Topic 3. COPD
4 week	Practice	Topic 4. Pneumonia
5 week	Practice	Topic 5. Pleurisy
6 week	Practice	Topic 6. Bronchoectasis
7 week	Practice	Topic 7. Idiopathic fibrosing alveolitis.
8 week	Practice	Topic 8. Cor pulmonale
9 week	Practice	Topic 9. Respiratory failure
Modul 1 (Date)		