



## INTERNATIONAL SCHOOL OF MEDICINE

### SYLLABUS

<b>Program:</b>	General medicine
<b>Qualification of the graduate:</b>	General practitioner / Medical doctor
<b>Year:</b>	2023-2024
<b>Semester:</b>	6
<b>Course duration:</b>	18 weeks
<b>Instructor/Assistant/Professor</b>	<b>Name:</b> Alieva D.U
<b>Department:</b>	<b>Pediatrics, Obstetrics and Gynecology</b>
<b>Day and Time for consultation:</b>	
<b>Classroom:</b>	
<b>e-mail:</b>	
<b>Course Title:</b>	<b>Childhood diseases</b>
<b>Must/Elective:</b>	<b>must</b>
<b>Credit/Hours:</b>	<b>8/ 240</b>
<b>Course Description:</b>	«Childhood diseases» to the main clinical disciplines of medical education, studies the pathology of childhood, as well as the diagnosis, prevention and treatment of childhood diseases, taking into account the age-related functions of the child's body.
<b>Course Objectives:</b>	Formation of students' theoretical and practical knowledge, skills and abilities of diagnosis, treatment tactics, medical examination, prevention of the most common diseases in young and older children
<b>Prerequisites:</b>	The content of the discipline "Childhood disease" is based on the content of such previous disciplines as propediatrics, anatomy, normal physiology, pathological physiology.
<b>Post-requisites:</b>	In the future, the knowledge gained during the study of the discipline « Childhood disease » will be necessary when studying the disciplines: «Children's infectious diseases», «Neonatology», «Obstetrics and Gynecology»
<b>Learning Outcomes:</b> (expected knowledge & ability at the end)	<ul style="list-style-type: none"><li>-periods of childhood, their functional and morphological characteristics; age norms;</li><li>- the advantages of natural feeding, the principles of mixed and artificial feeding, especially the nutrition of children over one year old;</li><li>- etiology, pathogenesis and clinical manifestations of</li></ul>

	<p>damage to various systems in a child;</p> <p>- principles of physical, laboratory and instrumental diagnostics of norm and pathology;</p> <p>- principles of treatment of the childhood disease</p>
Basic references:	<p>1.Basis of pediatric (ninth edition) Pervez Akbar Khan</p> <p>2.Pediatric Hematology and Oncology, 2014 / Textbook for medicfl students</p> <p>3.Nelson's pediatric book. Avery Neonatology. Neonatology Lange. Neonatal manual care 7th edition</p> <p>4. Oxford handbook of paediatrics, Edited by Robert C. Tasker, Robert. J. McClure Carlo L. Acerini</p>
Supplementary Textbook and Materials:	<p>1.Infant and young child feeding Model Chapter for textbooks for medical students and allied health professionals. WHO, 2016</p> <p>2. Lecture material.</p> <p>3. Neonatology: Textbook: In 2 t./ Shabalov N.P.- 2nd ed., ispr. and add. - M.: MED press-inform, 2009- Volume 1-736c., Volume 2-658c.</p> <p>Educational films and videos, medical scales, height meter, centimeter tape, tonometer, dummies ("newborn baby"), medical documentation, sets of radiographs and electrocardiograms.</p> <p>Links</p> <p>-<a href="http://www.merckmanuals.com">http://www.merckmanuals.com</a></p> <p>-<a href="http://www.childrenshospital.org">http://www.childrenshospital.org</a></p> <p>-<a href="http://emedicine.medscape.com">http://emedicine.medscape.com</a></p> <p>-<a href="http://en.wikipedia.org">http://en.wikipedia.org</a></p>

#### **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 surveyey, 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	<b>Section "neonatology"</b>
1 week	lecture	Introduction to neonatology. Neonatal examination
	practice	Neonatal examination
2 week	lecture	Neonatal Jaundice. Hemolytic diseases of a neonates
	practice	Neonatal Jaundice. Hemolytic diseases of a neonates
	lecture	Perinatal asphyxia. Neonatal resuscitation
	practice	Perinatal asphyxia. Neonatal resuscitation
3 week	lecture	Birth trauma
	practice	Birth trauma
	lecture	Neonatal sepsis. Omphalitis
	practice	Neonatal sepsis. Omphalitis
	lecture	Hemorrhagic disease of the newborn
	practice	Congenital anomalies
		Current control (oral questioning or testing; control tasks; checking the completion of written homework)
4 week	2	<b>Section "nephrology"</b>
	lecture	Urinary infections in children(UTI), cystitis
	practice	Urinary infections in children(UTI), cystitis
5 week	lecture	Pyelonephritis in children
	practice	Pyelonephritis in children
	lecture	Glomerulonephritis in children.
	practice	Glomerulonephritis in children.
		Current control (oral questioning or testing; control tasks; checking the completion of written homework)
6 week	3	<b>Section "Hematology"</b>
	lecture	Anemia in children
	practice	Anemia in children
	lecture	Hemorrhagic diathesis in children.Hemorrhagic vasculitis in

		children
	practice	Hemorrhagic diathesis in children.Hemorrhagic vasculitis in children
7 week	lecture	Thrombocytopenic purpura in children (Werlhof disease)Hemophilia in children
	practice	Thrombocytopenic purpura in children (Werlhof disease)Hemophilia in children
		Current control (oral questioning or testing; control tasks; checking the completion of written homework)
8 week	4	<b>Section "early age disease"</b>
	lecture	Introduction to Pediatrics. Childhood periods. Physical and neuropsychic development in children of the first year of life(Neonatal reflexes).
	practice	Introduction to Pediatrics. Childhood periods. Physical and neuropsychic development in children of the first year of life(Neonatal reflexes).
	lecture	Feeding children of the first year of life. Breast-feeding
	practice	Feeding children of the first year of life. Breast-feeding
9 week	lecture	Hypotrophy in children
	practice	Hypotrophy in children
	lecture	Rickets in children
	practice	Rickets in children
		Current control (oral questioning or testing; checking the completion of written homework)
10 week	5	<b>Section "pulmonology"</b>
	lecture	Acute respiratory viral diseases (ARVI) in children
	practice	Acute respiratory viral diseases (ARVI) in children
	lecture	Acute and chronic bronchitis in children
	practice	Acute and chronic bronchitis in children
	lecture	Acute and chronic pneumonia in children
	practice	Acute and chronic pneumonia in children
11 week	lecture	Bronchial asthma in children
	practice	Bronchial asthma in children
	lecture	Chronic nonspecific lung disease in children (CNLD). Bronchiectasis.
	practice	Chronic nonspecific lung disease in children (CNLD). Bronchiectasis.
		Current control (oral questioning or testing; control tasks; checking the completion of written homework)
12 week	6	<b>Section "gastroenterology"</b>
	lecture	Acute and chronic gastritis in children
	practice	Acute and chronic gastritis in children
	lecture	Gastroduodenitis in children. Peptic ulcer of the stomach and duodenum. Colitis
	practice	Gastroduodenitis in children. Peptic ulcer of the stomach and duodenum. Colitis

13 week	lecture	Gallbladder disease and biliary tract in children
	practice	Gallbladder disease and biliary tract in children
	lecture	Pancreatitis in children Helminthiasis in children
	practice	Pancreatitis in children Helminthiasis in children
		Current control (oral questioning or testing; control tasks; checking the completion of written homework)
14 week	7	<b>Section "endocrinology"</b>
	lecture	Diabetes Mellitus in children,hypo,hyperglycemic coma
	practice	Diabetes Mellitus in children,hypo,hyperglycemic coma
	lecture	Pituitary gland diseases in children
	practice	Pituitary gland diseases in children
	lecture	Thyroid disease in children (hypothyroidism)
	practice	Thyroid disease in children (hypothyroidism)
	lecture	Diseases of thyroid gland in children (hyperthyroidism)
		Diseases of thyroid gland in children (hyperthyroidism)
	lecture	Diseases of the adrenal glands in children
	practice	Diseases of the adrenal glands in children
		Current control (oral questioning or testing; checking the completion of written homework)
15 week	8	<b>Section "Cardioreumatology"</b>
	lecture	Infectious and non-rheumatic carditis in children
	practice	Infectious and non-rheumatic carditis in children
	lecture	Congenital heart defects
	practice	Congenital heart defects
16 week	lecture	Rheumatic Fever Myocarditis in children
	practice	Rheumatic Fever
	practice	Myocarditis in children
	lecture	Diffuse connective tissue disorders in children
	practice	Diffuse connective tissue disorders in children
		Current control (oral questioning or testing; control tasks; checking the completion of written homework)
17 week	9	<b>Section "Allergology"(Hypersensitivity)</b>
	lecture	Allergic diseases in children (hay fever, food allergies)
	practice	Allergic diseases in children (hay fever, food allergies)
		Current control (oral questioning or testing; control tasks; checking the completion of written homework)
18 week	10	<b>Section "immunodeficiency states"</b>
	lecture	Primary and secondary immunodeficiencies in children

