



INTERNATIONAL SCHOOL OF MEDICINE

SYLLABUS

Program:	General medicine
Qualification of the graduate:	General practitioner / Medical doctor
Year:	2023-2024
Semester:	5
Course duration:	18 weeks
Instructor/Assistant/Professor	Name: Naizabekova S. Dj.
Department:	Pediatrics, Obstetrics and gynecology
Day and Time for consultation:	
Classroom:	
e-mail:	
Course Title:	Pediatrics
Must/Elective:	Must
Credit/Hours:	3/90
Course Description:	Propedpediatrics refers to the main clinical disciplines of medical education, studies the patterns of development of the child's body, anatomical and physiological features and pathology of lesions, which allows timely recognition of diseases in children with the correct methods of examination, treatment and prevention.
Course Objectives:	Formation of students' theoretical and practical knowledge, skills and skills of diagnosis, therapeutic tactics, medical examination, prevention of the most common diseases in young and older children and emergency care depending on the nosology of the disease.
Prerequisites:	The content of the discipline "Propedpediatrics" is based on the content of such previous disciplines as "Anatomy", "Normal physiology", "Pathological physiology".
Post-requisites:	In the future, the knowledge gained during the study of the discipline "Propedpediatrics" will be necessary when studying the disciplines: "Children's diseases", "Children's infectious diseases", "Neonatology".
Learning Outcomes: (expected knowledge & ability at the end)	<ul style="list-style-type: none"> - anatomical and physiological age-sexual and individual features of the structure and development of a healthy and sick child; - patterns of growth and development of the child at the intrauterine and extrauterine stages; - periods of childhood, their functional and morphological

	<p>characteristics; age norms;</p> <p>- advantages of natural feeding, principles of mixed and artificial feeding, nutrition features of children older than one year;</p> <p>mechanisms of development of pathological processes, pathogenesis and clinical manifestations of lesions of various systems in a child;</p> <p>- principles of physical, laboratory and instrumental diagnostics of norm and pathology;</p>
Basic references:	<ol style="list-style-type: none"> 1. Pocket book of Hospital care for children (second edition) WHO 2. Pediatric secrets (fifth edition) Richard A/ Pollin, Mark F. Ditmar 3. Oxford handbook of paediatrics, Edited by Robert C. Tasker, Robert. J. McClure Carlo L. Acerini 4. Clinical practice pocket guide/ Earle essential newborn care 5. Anderson G. C. Early skin to skin contact for mothers and their healthy newborn infants.
Supplementary Textbook and Materials:	<ol style="list-style-type: none"> 1. Captain T. V.- Propaedeutics of children's diseases with child care 2. Lecture material. 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. 4. Osipova O. V.; Propaedeutics of childhood diseases lecture notes <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 www.medportal.ru www.studmedlib.ru www.consilium-medicum.com. www.kyrlibnet.kg. www.mediliter.ru, www.meduniver.com</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 survey, written work	20 points
IWS+IWW	Performing assignments, work with literature	20 points
Milestone control (module 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
1-2 week	Lecture	Pediatrics as an integral part of general medical education. Growth and physical development of children.
3-4 week	Lecture	Semiotics of lesions of the respiratory system. Bronchial obstruction syndrome, criteria and degrees of respiratory failure. Research methodology.
5-6 week	Lecture	Semiotics of lesions of the cardiovascular system. Research methodology. Heart failure syndrome.
7-8 week	Lecture	Physiological features and semiotics of skin lesions of the child.
9-10 week	Lecture	Semiotics of the main lesions and disorders of the digestive organs in children. GIT syndromes: malabsorption, maldigestion, GIT bleeding, conjugated jaundice
11-12 week	Lecture	Semiotics of the main lesions and disorders of the urinary system in children. Nephrotic and nephritic syndromes. Acute and chronic kidney failure. Instrumental research methods
13-14 week	Lecture	Semiotics of the main lesions and disorders of the musculoskeletal system in children.
15-16 week	Lecture	Semiotics and syndromes of damage to the endocrine system in children. Methods of research of endocrine glands.
17-18 week	Lecture	Semiotics and the main syndromes of blood system damage in children.

Course Plan	Practice	Subject
1 week	Practice	Pediatric periods. Physical development. Indicators of physical development of children. Centile method for assessing physical development
2 week	Practice	Pediatric development. Nervous system pathology in children.
3 week	Practice	The main clinical manifestations of bronchial obstructive syndrome. Functional and clinical signs of respiratory failure by degree.
4 week	Practice	Instrumental and functional research methods Methods of external respiration research Radiologic methods of investigation
5 week	Practice	Semiotics of the main lesions of the cardiovascular system (myocarditis, pericarditis, endocarditis, malformations)
6week	Practice	Methods of research of the cardiovascular system in children. Heart failure criterias
7 week	Practice	Congenital heart defects
8 week	Practice	Examination and assessment of the skin Physiological features of newborn skin. Morphological elements of the skin as an external expression of the pathological process occurring in the skin.
9 week	Practice	Anatomical and physiological features of the digestive organs. Semiotics of the main lesions and disorders of the digestive organs in children
10 week	Practice	The main syndromes of damage to the digestive organs. Malabsorption syndrome. Conjugated Jaundice. GIT bleeding. Liver failure.
11 week	Practice	The main syndromes in diseases of the kidneys and urinary tract. Nephrotic and nephritic syndromes. Methods of instrumental diagnosis of urinary system
12 week	Practice	Kidney failure syndrome. Urine examination.
13 week	Practice	Anatomical and physiological peculiarities of the musculoskeletal system in children. Semiotics and syndromes of damage to the musculoskeletal system in children.
14 week	Practice	Methods for studying the organs of the musculoskeletal system in children.
15 week	Practice	Methods of research of endocrine glands and semiotics of growth disorders and puberty Semiotics of endocrine system lesions
16 week	Practice	Semiotics of disorders of the endocrine system (pituitary gland, thyroid gland, parathyroid glands, adrenal glands, pancreas).

17 week	Practice	Semiotics of the lesion of the blood system and organs of hematopoiesis. Types of bleeding. Lymph node enlargement syndrome.
18week	Practice	Blood system laboratory and instrumental methods.