

MINISTRY OF HEALTH OF THE REPUBLIC OF UZBEKISTAN

TASHKENT PEDIATRIC MEDICAL INSTITUTE

""APPROVED""

Pro-rector of Academic Affairs

Prof. Khaitov K.N.

2023



**TEACHER'S WORKING PROGRAM
IN THE DISCIPLINE "PEDIATRICS"
(SYLLABUS)**

III -course

Knowledge Area: 900 000 - Health and Welfare

Field of education: 910 000 - Health

Direction of education: 60910300 - pediatric case

Period of study	6-7 Semester
Item code	P3;67;6
The volume of the subject.....	6 credit
The amount of hours	216 hours
Of them:	
- Lectures	12 hours
- Workshops.....	48 hours
- Clinical studies	48 hours
Hours of self-education	108 hours
Type of control	OE
Teaching language	Uzbek , Russian , English

Tashkent - 2023

The working curriculum of the subject (syllabus) was compiled according to the curriculum and the curriculum of the discipline "Pediatrics" MT-2021 and approved by order №217 of August 31, 2021 (order 2-note) by the Ministry of Health of the Republic of Uzbekistan.

Considered at the meeting of the Department of Faculty Pediatrics

From June 1, 2023 Protocol №12

Head of the department d.m.s. Murathodjaeva A.V.

working curriculum (syllabus) for the discipline was approved by the Central Methodological Council of the Tashkent Pediatric Medical Institute a Protocol 10 of "21" June 2023 years

Information about the teacher of the subject:

Khakimova U.R. – Assistant of the Department of Faculty Pediatrics

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Disciplinary requirements: The student's discipline must fully comply with the institute's "Student's Internal Regulations".

1. Introduction

Item Importance:

To teach students the preliminary diagnosis of the most common pathologies of childhood in their classical manifestation, to be able to identify their complications, to know the treatment tactics for these diseases.

The purpose of the subject is the formation of knowledge on the etiology, pathogenesis, clinical features, possible complications, and the principles of therapy for the studied pathologies. Training in the main clinical, laboratory and instrumental diagnostic criteria for these pathologies. Training in compiling a medical history: taking an anamnesis, clinical examination, drawing up an examination plan, formulating a preliminary and final clinical diagnosis. Training in the development of treatment tactics, as well as preventive measures for the studied pathologies

To achieve this goal, you need to perform the following tasks:

- To give theoretical knowledge and provide literature data;
- On the topics of the subject, provide handouts;
- Using graphic organizers to improve the quality of education;
- To form clinical practical skills;
- With the help of interactive methods, you need to consolidate knowledge, skill and qualification;
- It is always necessary to control the student as he mastered the subject of independent education;
- In self-education, distance, e-learning and mobile education should be widely used.
- Student learning should always be assessed and monitored.

Education data.

No.	The result of education	Teaching Methods	Assessment Methods
	Formation of knowledge on etiology, pathogenesis, clinical features, possible complications, principles of therapy of the studied pathologies. Training in the main clinical, laboratory and instrumental diagnostic criteria for these pathologies.	Lecture, practical and clinical lesson, self-education of the student.	Oral and by test
	Think clinically, understand the pathogenesis and identify diseases in a particular sick child; - formulate a preliminary	Practical lesson	Activity during the lesson

	diagnosis; - draw up a plan for laboratory and instrumental examination of the child in order to clarify the diagnosis; - prescribe adequate therapy for this pathology, based on evidence-based medicine; - to carry out prevention of the most common pathologies of childhood.		
	Timely complete the task on the subject, possess practical skills.	Lecture, practical and clinical lesson, self-education of the student.	Module system
	The student must know - etiology, pathogenesis, clinic, diagnosis, principles of therapy and prevention of major childhood diseases.	clinical session	clinical thinking
	Student will have the following skills : Find data on this topic, prepare a presentation and make a report	Lecture, practical and clinical lesson, self-education of the student.	Presentation

Prerequisites: Introduction to the medical profession, anatomy, physiology, pathological anatomy, pathological physiology, pharmacology, propaedeutics of childhood diseases.

Postrequisites : Hospital Pediatrics, outpatient pediatrics.

**Lecture thematic plan of the 3rd course
in direction 60910300 - pediatric case
in the subject of Pediatrics for the 2023-2024 academic year**

No.	Lecture Topics	Hourly lecture volume
6-7 semester		
1.	Subject: Rickets. Contents: Etiopathogenesis , classification. Factors contributing	2

	to the development of rickets. Clinic depending on the severity, course and period of the disease. Diagnostics. Principles of therapy.	
2.	Topic: Exudative-catarrhal diathesis. Content. Pathogenetic variants, clinical manifestations. Features of the clinic depending on the pathogenetic variant. Forecast. Diet. Care.	2
3.	Subject: Sepsis. Contents: etiopathogenesis , classification. The concept of systemic inflammatory response syndrome and sepsis. Clinic of sepsis depending on the form, severity and course of the disease, diagnosis, principles of therapy, rehabilitation.	2
4.	Subject: Acute pneumonia. Contents: etiopathogenesis , classification, clinic depending on the form, severity, course of the disease. Genesis of clinical syndromes, their manifestations and principles of post-syndromic therapy. Complications: pulmonary and extrapulmonary. Diagnostics. Features of radiological changes depending on the form of pneumonia. Principles of treatment of pneumonia.	2
5.	Subject: Acute rheumatic fever. Contents: etiopathogenesis , classification, diagnostic criteria. Features of the clinic, depending on the damage to organs and the course of the disease (acute or recurrent rheumatic fever). Principles of laboratory and instrumental diagnostics. Principles of therapy. Prevention primary and secondary.	2
6.	Topic: Non-rheumatic carditis. Contents: etiopathogenesis , classification, clinic depending on the time of occurrence, severity of the course of the disease. Diagnostics. Principles of therapy.	2
Total		12 hours

**Thematic plan for practical exercises
3-course in the direction 60910300 - pediatric case
in the subject of Pediatrics for the 2023-2024 academic year**

No.	Amaliy mashg'ulotlar mavzulari	Dars soatlari hajmi
6th va 7th semester		
1.	Rickets	4
2.	Spasmophilia	6

3.	diathesis	4
4.	diathesis	6
5.	Hypovitaminosis in children	6
6.	Iron-deficiency anemia	6
7.	Protein -energy deficiency	6
8.	Sepsis	4
9.	Sepsis	6
10.	Disease of the broncho-pulmonary system. Bronchitis	6
11.	Acute pneumonia	4
12.	Acute pneumonia	6
13.	Bronchiectasis	6
14.	Disease of the cardiovascular system. Acute rheumatic fever.	4
15.	Acute rheumatic fever.	6
16.	non-rheumatic carditis.	4
17.	Systemic connective tissue disease. Juvenile rheumatoid arthritis.	6
18.	congenital heart defects	6
	Total	96 hours

Independent education.

Independent education of a student for each module is carried out under the guidance of a teacher. Topics on independent education make up 5-10% of intermediate and final control.

No.	Independent education
1	Anatomical and physiological features of the respiratory system in children.
2	Anatomical and physiological features of the organs of the cardiovascular system in children.
3	Normal metabolism of vitamin D in the body
4	Differential diagnosis of pulmonary diseases in children
5	ORL clinic at the present stage
6	Clinic of non-rheumatic carditis in children of different ages
7	Modern types of anti- inflammatory non- steroidal drugs.
8	General signs and syndromes characteristic of diffuse connective tissue diseases in children.

Criteria for assessing students' knowledge and types of control in the subject

Assessment Methods	Express tests, written work, oral survey, presentations		
CRITERIA FOR EVALUATION	<p>Rating 5 "excellent"</p> <ul style="list-style-type: none"> - knows and knows how to prescribe adequate therapy for this pathology, based on the methods of evidence-based medicine ; - Correctly draws up a treatment plan; - knows how to draw up a plan for laboratory and instrumental examination of a child on a given topic ; - correctly fills out the ECMS for this pathology - correctly solves the situational problem and tests for the studied pathology. - has notes. <p>Rating 4 "good"</p> <ul style="list-style-type: none"> - Correctly draws up a treatment plan; - knows the standards of treatment of the disease; - correctly chooses drugs in the treatment of the disease, but does not know how to fully explain his opinion; - Correctly fills in the ECMS for this pathology ; - correctly solves the situational problem and tests for the studied pathology. - has notes. <p>Grade 3 "satisfactory"</p> <ul style="list-style-type: none"> - the student correctly draws up a treatment plan; - poorly knows the standards of treatment of the disease; - makes mistakes when choosing drugs for treatment; - not able to explain his opinion; - makes mistakes when filling out the ECMS and writing prescriptions ; - Does not know how to solve a situational problem. - has notes. <p>Grade 2 "unsatisfactory"</p> <ul style="list-style-type: none"> - the student does not correctly draw up a treatment plan; - does not know the standards of treatment of the disease and does not know how to choose drugs for treatment; - not able to explain his opinion; - does not know how to fill out the OLKMS and solve a situational problem ; -does not have abstracts. 		
	Types of evaluation of the rating system	Max score	Time spending
	Current control:	5	

	Active in practical classes, answers questions correctly, performs practical tasks and always has notes	5	During the semester
	High-quality and timely completion of assignments for self-education	5	
	Final control (OB+JB) OSKE and written work	5	At the end of the cycle
	TOTAL	5	

The points scored by the student in the subject are converted into credit points and by letter system according to the following table:

score	ECTS assessment	Grade	Definition
86-100	A	5	Great
81-85	B	4	Good
71-80	C		
60-70	D	3	satisfactory
55-59	E		
31-54	FX	2	unsatisfactory
0-30	F		

Primary and Further Reading and Information Resources

Main literature

1. Faculty of Pediatrics. Murathodjaeva A.V., Dauksh I.A., Pirnazarova G.Z., Khakimova U.R., Ikramova D.T. 2015 T., “TURON – IQBOL”
2. Bolalar kasalliklari. Daminov TA, Xalmatova BT, Boboyeva UR 2012 T., “TAFAKKUR-BO`STONI”
3. Children's diseases 1 and 2 volume, Shabalov N.P., 2008.
4. Children's diseases, Baranov A.M., 2008.
5. Pediatrics. Darslik. A.V. Murathodzhaeva., 2020, “Izhod-print”
6. Pediatrics (see Rheumatic and Systemic Connective Tissue Disorders in Children). Murathodjaeva A.V., Geppe N.A., Dauksh I.A., Akilova F.A., Khakimova U.R. Textbook. 2020 Izhod-print

Additional literature

1. Bolalard surunkali pancreatitis, ýkuv - conditions of kýllanma. A.V. Murathodzhaeva va boshkalar. 2012.
2. Chronic pancreatitis in children. Teaching aid. Dauksh I.A. et al. 2012
3. Infectious - inflammatory diseases of the kidneys and urinary tract in children, Dauksh I.A. et al . Study guide, 2014
4. Bolalarda buyrak va siydik chikaruv y'llarining infect yallylanish kasalliklari, A.V. Murathodjaeva va b. kkýllanma, 2020
5. Bolalard juvenile rheumatoid arthritis, A.V. Murathodjaeva va b. kkýllanma, 2018
6. Juvenile rheumatoid arthritis in children. A.V. Muratkhodzhaeva and co-authors. Study guide, 2018
7. Ýtkir rheumatic isitma. A.V. Murathodjaeva va b. kkýllanma, 2020
8. Acute rheumatic fever in children. A.V. Muratkhodzhaeva and co-authors. Tutorial, 2020

Internet sites

1. International website of medical literature: <http://pubmed.com>
2. International website of medical literature : <http://emedicine.com>
3. International site of medical literature <http://medscape.com>
4. International site of electronic medical literature <http://elibrary.en>
5. Russian site of medical literature: <http://uptodate.com>
6. International organizational site for medical discussion: <http://ecicm.org>
7. Cochrane Main Central Library : <http://cochrein.com>