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**TASHKENT MEDICAL
ACADEMY**



**“Zamonaviy pediatriyaning dolzarb
muammolari: bolalar kasalliklari
diagnostikasining yangi imkoniyatlari”
mavzusidagi ilmiy-amaliy xalqaro anjuman
materiallari**

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Editorial board:

Bobomuratov T.A.	Toshkent tibbiyot akademiyasi Yoshlar masalalari va ma’naviy–ma’rifiy ishlar bo‘yicha prorektor, Bolalar kasalliklari propedevtikasi kafedrasini mudiri;
Avezova G.S.	Bolalar kasalliklari propedevtikasi kafedrasini dotsenti;
Sultanova N.S.	Bolalar kasalliklari propedevtikasi kafedrasini katta o‘qituvchisi;
Mallaev Sh.Sh.	Bolalar kasalliklari propedevtikasi kafedrasini katta o‘qituvchisi
Nurmatova N.F.	Bolalar kasalliklari propedevtikasi kafedrasini dotsenti;

“Zamonaviy pediatriyaning dolzarb muammolari: bolalar kasalliklari diagnostikasining yangi imkoniyatlari” mavzusidagi ilmiy-amaliy xalqaro anjuman Toshkent tibbiyot akademiyasida 15 dekabr 2022 yil bo‘lib o‘tdi. Anjumanda O‘zbekistonda islohotlar bosqichida bolalarga tibbiy yordam ko‘rsatish sifatini oshirishda amalga oshiriladigan masalalar, pediatriya xizmatini yanada rivojlantirish, Respublikada pediatriyani rivojlanishida xalqaro hamkorlik va uning ahamiyati, Bolalarga ko‘rsatilayotgan birlamchi tibbiy - sanitariya yordam, perinatal tibbiyot, genetik va immunitet tanqisligi kasalliklari bo‘lgan bolalarni tashxislash, davolash, reabilitatsiya qilish hamda jismoniy va psixosotsial rivojlanishida orqada qolgan yoki bunga xavfi bor bolalarga erta yordam berish masalalari, bolalarning jismoniy rivojlanishi, ko‘krak suti bilan boqish va bolalarni sog‘lom ovqatlantirish hamda mikronutrient yetishmovchiligini oldini olish va bartaraf etish, Toshkent tibbiyot akademiyasi va Respublikada laborator – instrumental imkoniyatlar va ulardan foydalanish masalalari, sog‘lom turmush tarzi, bolalar va o‘smirlar reproduktiv salomatligi, bolalar kasalliklarini oldini olish, bolalar salomatligini saqlash va mustahkamlash masalalari muhokama qilindi. Ushbu to‘plamda pediatriyaning dolzarb masalalariga bag‘ishlangan konferensiya materiallari keltirilgan.

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FEATURES OF THE FORMATION OF EXTRAGASTRIC MANIFESTATIONS OF HELICOBACTERIOSIS IN CHRONIC GASTRODUODENITIS IN CHILDREN

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The purpose of the developmental features of the formation of extra-gastric manifestations of helicobacteriosis in chronic gastroduodenitis in children.

Studies of the incidence and nature of extra-gastric manifestations of helicobacteriosis in chronic gastroduodenitis in children, at the first stage, included 792 children aged 7 to 17 years with chronic gastroduodenitis who are hospitalized in the department of gastroenterology and are registered in the dispensary at the gastroenterologist's offices of the RSNPMC consultative and diagnostic clinic Pediatrics of the Ministry of Health of the Republic of Uzbekistan. From total number of children, 72.2% (n=572 children) were found with chronic gastroduodenal pathology (CGDP), 27.8% (n=220 children) with somatic pathology included in the control group. The number of examined boys is 53.3% (n=422), girls 46.7% (n=370) of the total number of children. Of the children with chronic gastroduodenal pathology, girls include 50.7% (n=282), boys 50.3% (n=282). According to the results of the table, the difference between CGDP and the control group of children was revealed, which is 14.4% by weight (group 1 of children - 22.7%; group 2 of children - 37.1%). In terms of growth, this difference between the groups is 2.1% and 3.0% (a difference of 1.5 times). The body mass index (BMI) in the two groups was 7.6% and 12.1%, respectively, which shows a difference of more than 1.5 times. Of the children with CGDP disease (n=290), 65% are children aged 7 to 12 years; and 35% (n=282) from 12 to 17 years old. Among 572 children with CGDP, 62.6% (n = 268) underwent endoscopic examination of chronic gastritis, gastric and duodenal ulcers, gastroesophageal reflux (GER). The number of sick children with chronic gastritis is 65.3%, with gastric and duodenal ulcer disease is 70.8% and 3.3%, respectively, and with gastroesophageal reflux (GER) 3.1%. In a larger number of sick children with chronic gastroduodenal pathology, the following clinical manifestations are observed: dyspeptic disorders in 100% (n=572), pain in 57.1% (n=119), and signs of anemia in 79.1% (n=453) of the studied children. In the course of the survey of sick children, the following causes of the disease were identified: violations of the order of nutrition (not timely eating, a large number of quickly prepared foods, eating in a hurry, and eating disorders) amounting to 62.6%; CGDP due to the presence of Helicobacteriosis 57.7%; due to the presence of a chronic focus of infection 62.0% and hereditary predisposition 42.2%.

The results of the study of Helicobacter pylori infection in children with chronic gastroduodenitis showed that 58% (n=334) of the selected 572 children have Helicobacter pylori infection, 88% have gastric and duodenal ulcers, 94% have antropylorobulbitis in chronic gastroduodenitis with helicobacteriosis, 15% have non-atrophic gastritis, 9% erosive gastritis in chronic gastritis with helicobacteriosis. It can be seen from the results that the incidence of infection in children with an extra-gastric manifestation of Helicobacter pylori is high. On a number of laboratory studies, a peripheral blood test was performed in order to recognize anemia in the children under study. Studies have shown a decrease in hemoglobin in children with stomach and duodenal ulcers up to 90%. In all the studied children, 100% (n=792), iron deficiency anemia of the 1st and 2nd degree was found. A decrease in the content of ferritin in the blood was revealed in children with chronic gastroduodenal pathology.

Thus, the conducted studies established the frequency of occurrence of extra-gastric manifestations of helicobacteriosis among patients with chronic gastroduodenitis. A high-risk group for the formation of extra-gastric manifestations of helicobacteriosis was identified. Clinical and biochemical features of the course of extra-gastric manifestations of helicobacteriosis have been established. Biochemical markers of the formation of extra-gastric manifestations of helicobacteriosis were determined. An algorithm for predicting, forming and diagnosing extra-gastric manifestations of helicobacteriosis has been developed.

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**“ZAMONAVIY PEDIATRIYANING DOLZARB MUAMMOLARI:
BOLALAR KASALLIKLARI DIAGNOSTIKASINING YANGI
IMKONIYATLARI”**

mavzusidagi ilmiy-amaliy xalqaro anjuman materiallari

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