

BOLALARDA O`TKIR REVMATIK ISITMANI DAVOLASHNING ZAMONAVIY TAMOYILLARI

*Normaxmatov Baxtiyor Botiraliyevich
3 son pediatriya va tibbiyyot genetika kafedrasi assistenti
Samarqand Davlat tibbiyot universiteti*

O'tkir revmatik isitma - bu biriktiruvchi to'qimaning tizimli yallig'lanish kasalligi bo'lib, u irsiy moyil bolalarda, asosan, 7-15 yoshda streptokokkli infektsiyadan keyin rivojlanadi.

O'tkir revmatik isitma(O'RI) kasalligi miloddan avvalgi V asrda ma'lum bo'lган. Gippokrat o'zining "Kasalliklarning to'rt kitobi" nomli asarida shunday deb yozgan edi: "Artitda isitma paydo bo'ladi, o'tkir og'riqlar tananing barcha bo'g'imlarini qamrab oladi va bu og'riqlar o'tkirroq yoki zaifroq bo'lib, u yoki bu bo'g'imga ta'sir qiladi". Shifokorlar bo'g'imlarning yallig'lanishi, qandaydir zaharli suyuqlikning butun tanaga tarqalishidan kelib chiqadi, deb hisoblashgan. Shuning uchun kasallikning nomi - "revmatizm" (yunoncha " revmatik " - oqim) deb nomlangan. Keyinchalik fransuz shifokori Buyo (1836) va rus shifokori I.G.Sokolskiyning asarlari nashr etilgandan so'ng (1838), revmatizm yurak shikastlanishi bilan bog'liq mustaqil kasallik sifatida ajralib chiqqan.

Bir yarim asrdan ko'proq vaqt davomida ushbu og'ir, ko'pincha nogironlikka olib keladigan kasallikni o'rganish, uning rivojlanishida streptokokk infektsiyasi bilan aloqasi aniqlandi, diagnostika, davolash va profilaktika mezonlari ishlab chiqildi va joriy etildi. Bu 20-asrning o'rtalariga kelib revmatizm bilan kasallanishning pasayishiga yordam berdi. Biroq, so'nggi yillarda, bir qator salbiy ijtimoiy-iqtisodiy jarayonlar tufayli, barcha yosh guruhlarida revmatizm bilan kasallanishning ko'payish tendentsiyasi kuzatilmoqda, ayniqsa bolalar orasida. Ushbu tendentsiya, streptokokklarning penitsillinlarga sezgirligining pasayishi bilan bog'liq. Epidemik jarayonning dinamikasini o'rganish shuni ko'rsatadiki, so'nggi o'n yillikda streptokokk infektsiyasi o'sib bormoqda, bu revmatizmning uchrash chastotasi ko`payishiga olib keladi va kelajakda revmatizm muammosi o'z dolzarbligini yo'qotmaydi.

So'nggi o'n yilliklarda butun dunyoda yurak-qon tomir tizimi kasalliklariga qiziqish ortdi. Bu, bir tomonidan, zamonaviy tibbiyotning muvaffaqiyatlari, ikkinchi tomonidan, bu kasalliklarning avvalgidan ko'ra ko'proq tarqalganligi bilan izohlanadi. Kasallikning doimiy ravishda o'sib borishi ko'plab mamlakatlarda ushbu kasalliklarning oldini olish va davolash muammosi ahamiyatga ega bo'lgan muammoga aylanganiga olib keldi [1].

Rasmiy tibbiy statistika ma'lumotlari, chuqur ilmiy tadqiqotlar, aholiga revmatologik yordamni tashkil etishda o'tgan asrning 60-80-yillarida erishilgan

yutuqlar hozirda yo'qolganligini va uni tashkil etishning yangi tashkiliy-uslubiy yondashuvlari hali ishlab chiqilmaganligini ko'rsatadi [13].

Sog'lijni saqlash tizimida revmatologik yordamni rivojlantirish muammosining dolzarbligi yangi tashkiliy va klinik texnologiyalarni joriy etish asosida birlamchi va ikkilamchi profilaktika, diagnostika, davolash va revmatik kasalliklarga chalingan bemorlarni tibbiy reabilitatsiya qilishni tashkil etish samaradorligini oshirish bo'yicha yangi uslubiy yondashuvlarni topish zarurati bilan belgilanadi.

JSSTning umumlashtirilgan ma'lumotlariga ko'ra (2010), iqtisodiy rivojlangan mamlakatlarda revmatizm bilan kasallanish 20-asrning boshlarida va ayniqsa so'nggi 40 yil ichida sezilarli darajada pasaygan, bu revmatizmni davolash va oldini olish dasturlariga antibiotiklarni intensiv kiritish davriga to'g'ri keladi. Hozirgi vaqtida revmatik isitmaning yangi holatlarini aniqlash yiliga 100 000 aholiga 5 tani tashkil etadi [2,9].

Shu bilan birga, O'rta yer dengizi va Osiyo-Tinch okeani mintaqasining ba'zi mamlakatlarida revmatizm bilan kasallanish darjasи juda katta farq qiladi - 100 000 aholiga 27 dan 116 tagacha. Yevropa mamlakatlarida maktab yoshidagi bolalar orasida revmatik yurak kasalliklarining tarqalishi 0,09-0,16 gacha, rivojlanayotgan mamlakatlarda esa 1000 kishiga 15-22 holatni tashkil etadi [2,5].

O'tkir revmatik isitma muammosi bartaraf etilmaganini so'nggi o'n yillikda AQSh va Yevropa davlatlarida sodir bo'lgan epidemiyalar tasdiqlaydi. Rivojlanayotgan mamlakatlarda har yili 10 dan 20 milliongacha yangi revmatik isitma holatlari qayd etiladi [3, 9].

Bu esa olimlarning "A" guruhi streptokokklari aylanib yurar ekan, revmatizm yo'qolmaydi, yaqin ellik yil ichida sayyoramiz aholisi A guruhi streptokokklaridan xalos bo'lolmaydi, degan fikrini tasdiqlaydi [3,6]

Revmatizmning oldini olish va qaytalanishni nazorat qilish dasturlari - revmatizmning birlamchi va ikkilamchi profilaktikasini o'z ichiga oladi [1,7].

Hozirgi kunda AGBGSning revmatogen shtammlari M-oqsillarining epigonlarini o'z ichiga olgan vaktsina yaratish bo'yicha tadqiqotlar olib borilmoqda, ular inson to'qimalari antigeni bilan o'zaro ta'sir qilmaydi. Bunday vaktsinani birlamchi profilaktikaning bir qismi sifatida qo'llash, ayniqsa revmatik isitman genetik moyil bolalarda uning rivojlanishining oldini oladi.

Revmatikanamnezi bo'lган bolalar va kattalarda kasallikning qaytalanishi va rivojlanishining oldini olishga qaratilgan ikkilamchi profilaktika bisillin bilan bemorlarni muntazam davolashdan iborat [6,8, 9].

Shiningdek surunkali revmatik yurak kasalliklarini tashxislash va davolash muammosi dolzarbligicha qolmoqda. Buning sababi, ushbu patologiya bilan og'rigan bemorlar soni ko'p va revmatizmning ushbu asorati bilan kasallanish holatlarini kamaytirish tendentsiyasi yo'q [4,7].

So'nggi yillarda revmatik yurak kasalliklarining klinik ko'rinishi sezilarli darajada o'zgarganligi aniqlandi. Revmatik yurak kasalligi ko'rinishidagi yurak shikastlanishlari engil, past ko'rinishda namoyon bo'ladi, bu uning tashxisini qiyinlashtiradi [10,11].

Adabiyotlar:

1. Aliku TO. Same disease, different outcomes in different settings: understanding the challenges in acute rheumatic fever/rheumatic heart disease care in developing countries. *Int J Cardiol.* 2021 Nov 1;342:115-116.
2. Altay D, Pamukçu Ö, Baykan A, Üzüm K, Arslan D. Aspirin-induced hepatotoxicity and anemia in children with acute rheumatic fever. *Turk J Pediatr.* 2021;63(2):193-199.
3. Beaton A., Aliku T., Dewyer A. et al. Latent Rheumatic Heart Disease: Identifying the Children at Highest Risk of Unfavorable Out come. *Circulation.* 2017;136(23):2233 - 2244.
4. Bennett J, Moreland NJ, Oliver J, Crane J, Williamson DA, Sika-Paotonu D, Harwood M, Upton A, Smith S, Carapetis J, Baker MG. Understanding group A streptococcal pharyngitis and skin infections as causes of rheumatic fever: protocol for a prospective disease incidence study. *BMC InfectDis.* 2019 Jul 17; 19 (1):633.
5. Bratincsak A, Liu J, Yalamanchili R, Purohit PJ, Xoinis KP, Yamauchi MSW. Junctional Tachycardia as a Diagnostic Criterion in Acute Rheumatic Fever. *Pediatrics.* 2021 Jun;147(6)
6. Brook I. Treatmentwith hallenges of group A beta-hemolytic Streptococcal pharyngo-tonsillitis // *Int Arch Otorhinolaryngol.* 2017; 21 (3): 286-296.
7. Karthikeyan G, Guilherme L. Acute rheumatic fever. *Lancet.* 2018 Jul 14; 392 (10142):161-174.
8. Esposito S, Bianchini S, Baggi E et al. Pediatric autoimmune neuropsychiatric disorders associated with streptococcal infections: an overview. *Eur J ClinMicrobiol Infect Dis,* 2014, 33(12): 2105-9.
9. Clark BC, Krishnan A, McCarter R et al. Using a low-risk population to estimate the specific city of the World Heart Federation criteria for the diagnosis of rheumatic heart disease. *J. Am. Soc. Echocardiogr.* 2016;29(3):253–258
10. Coffey PM, Ralph AP, Krause VL. The role of social determinants of health in the risk and prevention of group A streptococcal infection, acute rheumatic fever and rheumatic heart disease: a systematic review. *PLoS Negl Trop Dis* 2018;12
11. eleven .Culliford-Semmens N, Tilton E, Webb R, Lennon D, Paku B, Malcolm J, French S, Blair N, Wilson N. Adequate adherence to benzathine penicillin secondary prophylaxis following the diagnosis of rheumatic heart disease by echocardiographic screening. *NZ Med J* 2017 Jun 16;130(1457):50-57.

12. Gewitz M. The Jones Criteria for the Diagnosis of Acute Rheumatic Fever: Updated but Not Abandoned. *J Pediatr.* 2018 Jul;198:7-8.
13. Gewitz MH, Baltimore RS, Tani LY et al. Revision of the Jones Criteria for the diagnosis of acute rheumatic fever in the era of Doppler echocardiography: a scientific statement from the American heart association. *Circulation.* 2015;131:1806–18.
14. De Loizaga SR, Beaton AZ. Rheumatic Fever and Rheumatic Heart Disease in the United States. *Pediatric Ann.* 2021 Mar;50(3):e98-e104
15. Erdem S, Demir F, Ayana M, Canan O, Okuducu YK, Arslan A, Kucukosmanoglu O, Özbarlas N. Acute rheumatic fever in south-east of Turkey: clinical features and epidemiological evaluation of the patients over the last 25 years. *Cardiol Young.* 2020 Aug;30(8):1086-1094
16. Holloway AR. Acute Rheumatic Fever. *Pediatric Ann.* 2022 Dec;51(12):P.-457-460
17. Hawkes MA, Ameriso SF. Neurologic complications of rheumatic fever. *HandbClin Neurol.* 2021;177. R. -23-31.
18. Fiedler T, Köller T, Kreikemeyer B. Streptococcus pyogenes biofilms-formation, biology, and clinical relevance. *Front Cell Infect Microbiol* Published online: 11 February 2015
19. Mukhamadieva ,L. A. , &Umarova , S. WITH . (2023). Acuterheumaticfever : modernviewsonpathogenesisrheumaticchorea (shortreviewliterature). *Uzbek journal of case reports*, 3(2), 48-51.
20. Atamurodovna, M. L., Sulaimonovna, US, &Botiralievich, N. B. (2023). CLINICAL FEATURES OF ACUTE RHEUMATIC FEVER IN CHILDREN AT THE PRESENT STAGE. *Achievements of science and education*, (2 (89)), 48-51.
21. Umarova, S. S., & Saidmuratov, Kh. Kh. (2024). REVIEW ARTICLE. EARLY DIAGNOSIS OF ACUTE RHEUMATIC FEVER AND RHEUMATIC CARDITIS. *TADQIQOTLAR. UZ*, 35(4), 173-179.
22. Umarova, S. S., Nabieva, F. S., Tursunov, F. U., Gulomova, F. S., & Fozilova, N. M. (2023). CLINICAL AND ANAMNESTIC FEATURES OF ACUTE RHEUMATIC FEVER IN CHILDREN AT THE CURRENT STAGE. *Central Asian Journal of Education and Innovation*, 2(10 Part 3), 40-47.