

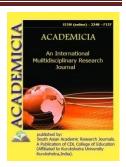
ISSN: 2249-7137 Vol. 11, Issue 3, March 2021 Impact Factor: SJIF 2021 = 7.492



ACADEMICIA

An International Multidisciplinary Research Journal

(Double Blind Refereed & Peer Reviewed Journal)



DOI: 10.5958/2249-7137.2021.00580.2

BRONCHOO STRUCTIVE SYNDROME IN CHILDREN: PREVALENCE AND DIFFICULTIES OF DIFFERENTIAL DIAGNOSTICS

Sh.M. Ibatova*; F.Kh. Mamatkulova**; N.Y.Ruzikulov***; Yu.A.Rakhmonov****

1,4Samarkand State Medical Institute, Republic of Uzbekistan, Samarkand UZBEKISTAN

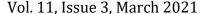
ABSTRACT

Broncho-obstructive syndrome in children is clinically manifested by paroxysmal cough, expiratory dyspnea, asthma attacks and is associated with impaired bronchial patency, develops acutely, but can be persistent. The first symptoms: shortness of breath and wheezing syndrome often appear in children at an early age. Differential diagnosis of biofeedback in young children is difficult due to the impossibility of using methods for assessing the function of external respiration, difficulties in obtaining sputum for cytological and bacteriological studies in order to verify the diagnosis. Early diagnosis, which determines the tactics of treatment, largely determines the prognosis of the disease and the choice of preventive measures.

KEYWORDS: Broncho-obstructive syndrome, children, cough, shortness of breath, diagnosis, differential diagnosis, treatment, prognosis.

LITERATURE:

- **1.** Alekseeva O.V. The use of artificial neural networks in the differential diagnosis of recurrent bronchitis in children / O.V. Alekseeva, D.A. Rossiev, N.A. Ilyenkova // Siberian Medical Review. 2010. T. 66, No. 6. P. 75-79.
- **2.** Volkov I.K. Volkov I.K. Differential diagnosis of broncho-obstructive syndrome in children // Medicine of emergency conditions. 2013. No. 48 (1). -S. 125-128.
- **3.** Volosovets A.P., Yulish E.I. Rational antibiotic therapy of respiratory diseases in children. Donetsk, 2004. 389 p.
- **4.** Genetic diagnostics: polymorphism of cytokine genes / F.F. Rizvanova, O. I. Pikuza, RA Faizullina [and others] // Practical medicine. –2010. No. 6 (45).-P.41-43.

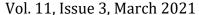




ISSN: 2249-7137 Impact Factor: SJIF 2021 = 7.492

5. Geppe N.A. Working classification of the main clinical forms of bronchopulmonary diseases in children / N.A. Geppe, N.N. Rozinova, I.K. Volkov [et al.] // Difficult patient. - 2009. - No. 1-2.-P.35-39.

- 6. Daminov T.A. Identification of a risk group for the development of bronchial asthma in children and predicting the long-term consequences of diseases with broncho-obstructive syndrome: Daminov T.A., Halmatova B.T., Sotiboldieva N.R. Info letter (No. 8p / 53). –T., 2011. 4 p.
- 7. Dynamics of the cytokine profile in allergic diseases in children / EV Prosekova, VV Derkach, TN Shestovskaya [and others] // Pacific Medical Journal. - 2009. - No. 4. P. 20-22.
- **8.** Respiratory disorders / V.A. Grebennikov, O. I. Ionov, A. V. Mostovoy [and others] // Neonatology: nat. hands. / Ed. N.N. Volodin. - M.: GEOTARMedia, 2007. -P. 246-292.
- 9. Zaykov S.V. Broncho-obstructive syndrome: principles of diagnosis and therapy / S.V. Zaikov // Ukrainian pulmonological journal. - 2009. - No. 1. - P. 45-49.
- 10. Zaitseva O. V. Broncho-obstructive syndrome in children // Pediatrics. 2005. No. 4. P. 94-104.
- 11. Zaitseva S.V. Zaitseva S.V., Murtazaeva O.A. Syndrome of bronchial obstruction in children // Difficult patient. - 2012. - No. 10 (2-3). -P. 34-39.
- 12. The main causes and risk factors of biofeedback in children / Umarova S., IbatovaSh.M. [and others], XIII International Scientific and Practical Conference. "Trends and prospects for the development of science and education in the context of globalization."Pereyaslav Khmelnitsky, - 2016.-P. 227-229.
- 13. Ibragimova F.I., Idiev G.E. The health status of workers in the production of synthetic detergents and cleaning agents // Problems of Biology and Medicine. Samarkand. - 2012. - No. 1.-P. 68.
- **14.** Immunological and biochemical parameters of umbilical cord blood of newborns as predictors of the formation of atopic phenotype in infants / V. T. Manchuk, S. Yu. Tereshchenko, I. A. Novitskiy - Novosibirsk, 2012. - 79 p.
- 15. Kazachkov M.I. Etiology and differential diagnosis of chronic cough in children / Russian Bulletin of Perinatology and Pediatrics. - 2013. - T. 58, No. 3. – P. 54-61.
- 16. Kovalkova N.A. The prevalence of broncho-obstructive syndrome and its association with risk factors for chronic non-infectious diseases in the urban Siberian population: author. dis. ... Cand.honey. Sciences: 14.00.05 / Kovalkova N.A. - Novosibirsk, 2014. –26 p.
- 17. MizernitskyYu.L. Diagnostics and principles of treatment of acute bronchial obstruction in children / Yu.L.Mizernitsky // Pediatrics. Adj. to the journal.ConsiliumMedicum. - 2008. - No. 1. - P. 41-46.
- 18. Okhotnikova O.M. Bronchial obstruction syndrome in children: differential diagnosis and treatment / O.M. Okhotnikova // Art of love. - 2010. - No. 1 (67). - P. 45-56.





ISSN: 2249-7137 Impact Factor: SIIF 2021 = 7.492

- 19. PatrushevaYu.S. Diagnostics and treatment of acute bronchiolitis in children / Yu.S.Patrusheva, M.D. Bakradze, T.V. Kulichenko // Issues of diagnostics in pediatrics. -2011. - T. 3, No. 1. - P. 5-11.
- 20. Causes of bronchial obstruction in children and directions of therapy / N.A. Geppe, N.A. Seliverstov, V.S. Malyshev [and others] // RMZh. - 2011. - T. 19, No. 22. - P. 1371-1374.
- 21. Serebrennikova S.N. The role of cytokines in the inflammatory process / S. N. Serebrennikova, I. Zh. Seminsky // Siberian medical journal (Irkutsk). - 2008. - T. 81, No. 6. -P. 5-8.
- 22. Seroklinov V.N. Broncho-obstructive syndrome in children: textbook. Manual for doctors / VN Seroklinov, AV Fedorov, IA Ponomareva. - Barnaul: AGMU, 2010. - 49 p.
- 23. Simbirtsev A.S. Cytokines in the diagnosis and treatment of respiratory diseases // Russian rhinology. - 2004. - No. 1. P. 38-40.
- 24. Khojaeva G.S. Evaluation of the therapeutic efficacy of mucitus in chronic obstructive pulmonary disease // Problems of Biology and Medicine. - 2012. - T.1. No. 3 (111)2019. - P. 90-236
- 25. Ibatova Sh. M, Mamatkulova F. K, Ruzikulov N. The Clinical Picture of Acute Obstructive Bronchitis in Children and the Rationale for Immunomodulatory Therapy. Int J Cur Res Rev. Vol 12 Issue 17, September, 2020, 152-155, http://dx.doi.org/10.31782/IJCRR.2020.121724
- **26.**Sh. M. I, F. Kh. M, N. B. A, Yu. A. R, M. M. K. Risk Factors for Development of Broncho-Ostructive Syndrome in Children. Int J Cur Res Rev. Vol 12 Issue 23, December, 2020, 03-06, http://dx.doi.org/10.31782/IJCRR.2020.122301
- 27. Khurmatkhon K. Characteristics of the Vegetative Status and Autonomic Regulation in Children with Different Severity of Bronchial Asthma. Int J Cur Res Rev. Vol 12 Issue 24, December, 2020, 123-129, http://dx.doi.org/10.31782/IJCRR.2020.122428
- 28. Mavjuda A, Gulnorakhon K, Esan Y, Mavlyuda S, Zamira B. The Influence of Dysfunction of the Autonomic System and the Thyroid Gland on the Course of Bronchial Asthma (BA) in Children. Int J Cur Res Rev. Vol 12 Issue 14. July, 2020. 36-39. http://dx.doi.org/10.31782/IJCRR.2020.12148