

**STUDY OF THE FREQUENCY OF PERFORATION OF THE PERICULUM IN CHILDREN WITH ACUTE MEDIUM OTITIS IN THE KHOREZM OASIS**

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**Relevance of the problem.** Perforation of the tympanic membrane is observed in patients with acute purulent otitis media due to the fact that they did not consult an ENT doctor in the early stages of the disease, and in some patients, due to frequent recurrence of the disease due to perforation of the tympanic membrane, the formation of infiltrates and exudate with incomplete absorption can lead to the formation of cicatricial adhesions on the mucous membrane of the tympanic cavity, the tympanic membrane, and the auditory ossicles. As a result, the mobility of the auditory ossicles is impaired, and patients experience varying degrees of hearing loss.

**Materials and methods of verification.** For the study, we took records of patients treated in outpatient and inpatient settings at the Khorezm LOR Shifo clinic from December 2023 to the end of January 2024. During this period, the clinic conducted diagnostic and treatment work in 133 children with acute otitis media. From this, we obtained the following results.

**Results and analysis.**

**Monthly**

Monthly	Number of patients
November	47.
December	42.
January	44.
<b>Total</b>	133.

**By age**

By age	Number of patients
0-3 years old	49.
3-6 years old	32.
6-9 years old	23.
9-12 years old	15.
12-15 years old	10.
15-18 years old	4.
<b>Total</b>	133.

**By gender**

By gender	Number of patients
Men	55.
Women	78.
<b>Total</b>	133.

**Conclusion:** As can be seen from the tables above, acute otitis media occurred in 78.2% of children aged 0-9 years, respectively, in the ratio of men and women by sex ratio - 1:1.4. As a result of the examination and anamnesis collection, the reasons were the untimely examination of children by an ENT doctor and the unauthorized use of breast milk and various antiseptic drugs in the ear at home. As a result of diagnostic and therapeutic measures, 73 children were diagnosed with the disease at an early stage and treated without perforation of the tympanic membrane. Perforation of the tympanic membrane was detected in 34 patients, in 25 children it turned into a chronic form. All children underwent the necessary treatment. Including antibiotic therapy and physiotherapy procedures, etc. Only in 1 child, due to the mother's irresponsible and improper care and poor living conditions, the recovery phase lasted 25 days.

**Recommendation**

1. When applying to medical institutions, be sure to consult an ENT doctor for any problems with the nasal cavity and throat.
2. Taking measures to protect against seasonal infectious diseases.
3. Teaching young mothers the rules of childcare.
4. Timely consultation with a doctor.

**References:**

1. S.A. Khasanov-Tashkent "Diseases of the ear, throat and nose, pediatric dentistry." Pediatric Medical Institute // 2011. S-256-260
  2. Abdullayev R.B., Abdullayev I.K. // Monograph - Social Mental States and Human Health. Urgench, 2017. C-120-140
  3. Abdullayev R.B., Abdullayev I.K., Matkarimova D.S., Duschanov Sh.B., Musayev M.R. Monograph-Aral crisis: Ecological culture and health problems. P-55-87. 2002.
  4. Yun Kit Yeoh,1,2,3 Man Hin Chan,4 Zigui Chen,1,2,3 Eddy W. H. Lam,4 Po Yee Wong,1,2 Chi Man Ngai,4 Paul K. S. Chan,1,2,3 and Mamie Hui 1,2,3 The composition of human oral cavity microbiota during acute tonsillitis: a cross-sectional survey // Oral health 2019. P-16-24
  5. PL DHINGRA, MS, DLO, MNAMS, FIMSA. Diseases of Ear, Nose and Throat & Head and Neck Surgery // Emeritus Consultant, Indraprastha Apollo Hospital, New Delhi Former Director, Professor & Head, Department of Otolaryngology and Head & Neck Surgery, Maulana Azad Medical College and Associated LNJP & GB Pant Hospitals, New Delhi. P. 291-320. 2018.
  6. Kryukov A.I., Gurov A.V., Yushkina M.A., Izotova G.N. and Sokolov S.S. Features of antibacterial therapy of purulent-inflammatory pathology of ENT organs. //Medical Council, -No18. 2016. - P. 16-22.
- Palchun V.T., Kryukov A.I. Otorhinolaryngology. Guide for doctors. // Medicine; 2001. P. 256-290.

8. Alkhede M., Byarnscholt T., Givskov M., Alkhede M. (2014). Pseudomonas aeruginosa Bioparticles: Mechanisms of Deviation from Immunity // Adv Appl Microbiol 86 1-40 10.1016/B978-0-12-800262-9.00001-9. [ PubMed] [ CrossRef] [ Google Academy]

Crawford DC, Akey DT, Nickerson DA. The patterns of natural variation in human genes. Annual Review of Genomics and Human Genetics. 2005; 25 (6): 287-312. DOI: 10.1146/annurev.genome.6.080604.162309.