



Adenoiditis: A Modern Look In Diagnostics And Treatment

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ABSTRACT

Most of the visits of parents with children to an otorhinolaryngologist are associated with frequently recurring, protracted and chronic diseases of the ENT organs. The most common complaints are a runny nose, difficulty breathing through the nose, and a cough that does not go away for a long time and is often repeated. Some patients have complications of the common cold: sinusitis, recurrent acute catarrhal, less often purulent otitis media, tubo otitis, secretory otitis media with signs of hearing loss, exacerbation of chronic purulent otitis media, tracheitis, bronchitis, stenosing laryngotracheitis. Failure to treat ENT pathologies, short intervals between diseases, frequent acute respiratory infections are also a reason for consulting an ENT doctor. When interviewing parents, it was found that rhinopharyngitis, allergic rhinitis, and adenoiditis are most often diagnosed. For a clearer understanding of the nature and methods of treatment of these diseases, it is necessary to characterize those pathological changes that are observed in the upper respiratory tract, i.e., in the nasal cavity, nasopharynx and pharynx.

KEYWORDS

Upper respiratory tract infections, adenoiditis, etiology, diagnosis, clinical picture, treatment, children.

INTRODUCTION

The aim of the study was – increasing the effectiveness of treatment of chronic adenoiditis in frequently ill children by developing a therapeutic and diagnostic algorithm using endoscopic and functional monitoring.

MATERIAL AND RESEARCH METHODS

In accordance with the purpose of the study and to fulfill the assigned tasks, clinical studies will be carried out in patients with adenoiditis in 50 children who are often ill who were examined and treated at the ENT department

of the multidisciplinary clinic of the Tashkent Medical Academy in 2020-2023. All patients with adenoiditis are planned to undergo examination methods, including clinical, functional research methods of the nasopharynx and X-ray examination. The data obtained in the course of the research will be processed using Microsoft Excel 10.0 software; Statistica 10.0 using Student's t test.

SCIENTIFIC NOVELTY OF RESEARCH

For the first time, a comprehensive examination of frequently ill children with chronic adenoiditis was carried out, including clinical, microbiological, serological, molecular biological, instrumental (endoscopy, tympanometry) and functional methods (ECG and recording of the peak expiratory flow rate) studies, which made it possible to obtain new data on the frequency of infection with herpes viruses and atypical flora. The features of the course of the disease, the development of complications, depending on the presence and absence of infection with herpes viruses and / or intracellular pathogens, were identified, as well as the structure of infection was determined. It was proved for the first time that in chronic adenoiditis in frequently ill children, the development of functional disorders of the bronchopulmonary system in the form of a decrease in the peak expiratory flow rate is facilitated by the presence of atypical pathogens (chlamydia and mycoplasma). For the first time, a scheme for the diagnosis and selection of the optimal method for the treatment of chronic adenoiditis in frequently ill children has been developed, as well as new data have been obtained on the most effective combination therapy (antiviral and / or antibacterial therapy followed by adenotomy).

PRACTICAL SIGNIFICANCE

The data obtained in the course of the study can be used in the practice of an otorhinolaryngologist to determine the

diagnostic strategy and choose tactics for managing patients with the pathology under consideration.

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