

If not taken into consideration all achievement concerning preventive measures for acute respiratory infections (ARI), they stay to be important medical and social problem at the modern period of pediatrics. ARI identify 76-82 % of pathology at early childhood, and they take the first place and have 80-90 % of inflectional pathology incident at the inflectional illnesses range.

The aim of the research is to study the dynamics of clinical manifestations at backgrounds of correction functional food nutrition using special food complex by children diseased with ARI.

Materials and methods

27 children at the age from 10 months to 10 years diseased ARI treated in-patiently in inflectional and diagnostic unit and out-patiently in polyclinic unit Communal Establishment of Ternopil Regional council, Ternopil Regional Children`s Communal Hospital in Ternopil during January 2015 were under our observation. This research includes patients, whose agreed to examine and treat children using correction functional food nutrition and analyses of medical files. All examined children were divided into two groups: the first group included 14 patients and their parents agreed to add to nutrition some complex of certified and recommended special food products by Ukrainian Institute of Human Ecology such as functional food nutrition of plant material "Pollen of soluble fiber" and food for special food "Oil oats, lipophilic complex", "Black caraway seeds oil, lipophilic complex"; the second group consisted of 13 patients without nutrition correction. All children were examined clinically and carefully. This examination included complaints, anamnesis, other diseases, using medicines, data of objective examination, medical files were studied too.

Discussion of research results

Children with ARI are often and widely treated with great number of medicines (8), which was shown in our research. We evaluated the nutrition correction basing only on clinical manifestations of researched groups.

The analysis of the symptoms showed almost difference in disease, duration of clinical symptoms and therapy for both methods of treatment are very similar at the beginning of the

clinical picture of the disease. Also it was not found significant differences in the duration of illness. Medical complex was significantly voluminous by the number of used medicines in second group and costs were significantly higher than the comparison group. Therefore, the proposed treatment regimen with correction functional food nutrition of plant material can be recommended for practical use.

Conclusions

Taken into consideration, that ARI treatment of children should have physiological features and should be based on natural possibilities of human body to regulate and heal itself supposed regimen with correction of functional food nutrition of plant material can be recommended for practical use.