European Respiratory Society Annual Congress 2012

Abstract Number: 2594

Publication Number: P517

Abstract Group: 1.11. Clinical Problems - Asthma

Keyword 1: Asthma - diagnosis Keyword 2: Children Keyword 3: Allergy

Title: Anamnesis and clinical peculiarities of severe bronchial asthma in children

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Body: Aim: To study anamnesis and clinical data on severe/ moderate severe atopic bronchial asthma with different level of control, determine the main risk factors of the formation of BA non-controlled course in infants. Materials and Methods: We have examined 100 infants, severe/ moderate severe atopic BA patients, inhabitants of Krasnoyarsk territory in average ages of 10.9±1.1. We have studied allergy anamnesis, carried out physical and specific allergy examination, estimated the results of instrumental research. In order to determine the level of controlling the disease we had estimated the results of «Test on controlling asthma». We have formed 2 groups: with controlled BA (n=50) and non-controlled BA (n=50). Results: Living under unfavorable living conditions (wooden homes with damp, mould, stove heating, overcrowding) had been marked in 34% cases in group with non-controlled BA course and in 28% in group with controlled BA (p=0.0012). One or two smoking parents had been marked in 36% cases in controlled BA course and in 48% in non-controlled BA (p=0.007). Analysis of family structure revealed that 48% children of group of good control and 74% of group of absence of control live in sole-parent families (p<0.001). Conclusions: We have determined anamnesis predictors of non-controlled BA course in children: living in home with stove heating with damp in living area, smoking inside and presence of domestic animals. When estimating social status of the families in BA children with non-controlled course we have stated frequent occurrence of sole-parent families with low income.