Evaluation of the efficiency of complex antimutotoxic preparations Gripp-Heel, Engystol and euphorbium compositum S in prophylaxis and treatment of grippe and acute respiratory viral infections in children

Summary
The use of antimutotoxic preparations for prophylaxis and treatment of grippe and acute respiratory viral infections (ARVI) was studied.

In the season 2002-2003 antimutotoxic preparations Gripp-Heel and Engystol were used for prophylaxis and treatment of grippe and ARVI.

Gripp-Heel was prescribed in dosage 1 tab. 1-3 times a day sublingual 15 minutes before the mealtime or 1 hour after during a month, and then Engystol - 1 tab. 1-2 times daily during that term.

Blind random investigation was done among 42 healthy children in the age ranging from 6 to 14 years (19 boys and 23 girls). All children were divided into two groups - control and main, 21 children in each group.

Children of main group were prescribed Gripp-Heel and Engystol as a prophylaxis measure, children of control group did not receive any preparations.

Results evaluation was done by method of accidental selection with calculation of difference among frequency of indications in separate series.

The investigation has been shown that the usage of Gripp-Heel and Engystol as a prophylaxis measure 2.3 times decreases the morbidity of grippe and ARVI (p<0,05). Even though children fall ill the percentage of light and heavy forms was 28,5%, while children in control group the same data was 61,9%.

The illness is taking its normal course in the main group, whereas in the control group complications were observed in 4,8% cases (arthritis).

15 children in the age ranging from 5 months till 14 years old (8 boys, 7 girls) were observed during investigation of the effectiveness of usage antimutotoxic preparations in the treatment of grippe and ARVI.

By the astology ARVI were distributed consequently: grippe - 5 children, paragrippe - 3, RS-infection -1, ARVI of unstated astology - 5 children.

13 children were included to the control group correlated with the main in heaviness of the disease, sex, age and diagnosis. These children were prescribed febrifuge, antihistamine and vitaminous preparations.

The treatment of grippe and ARVI with Gripp-Heel and Euphorbium compositum S accelerates the reverse development of the symptoms as sore throat, cough, headache and pain in muscles according to the results of the investigation.

Thus in children of the main group stuffy nose, headache, pain in muscles, cough disappeared quicker than in the control group. Preparations of good tolerance, did not show any side effects.